Adblue®

Storage Tank

Lubrication

Fuel Dispensing

2021

Product Catalogue

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Pumps / Diesel Pumps

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Panther 56

Panther 72

PIUSI

D DIESEL **HVO & GTL**

Piusi Panther 56/72/90

72lpm
MAX FLOW RATE

AC
POWER

See page 49 for carry frames
ACCESSORIES

› Market leading, self priming rotary vane pump for diesel refuelling
› Sintered steel rotor and acetal resin vanes
› Compact cast iron pump body with anti-corrosion paint
› Mechanical seal for reliability even at low temperatures
› Integrated bypass valve & 500µ filter accessible for easy cleaning
› Induction motor with aluminium casing
› Protection grade: IP55
› Noise level below 75db
› Continuous running in open flow (Panther 90 30 min duty cycle)
› Thermal motor overload

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Ports	Fluids
730000	Panther 56 230v/50Hz	✓	56	230	50	3	600	1" F BSP	D H&G
730380	Panther 56 110v/50Hz	✓	56	110	50	5.5	600	1" F BSP	D H&G
730070	Panther 56 110v/60Hz	✓	56	110	60	7.5	800	1" F BSP	D H&G
733000	Panther 56 400v/50Hz		56	400	50	1.3	500	1" F BSP	D H&G
732000	Panther 72 230v/50Hz	✓	72	230	50	4.2	500	1" F BSP Flanged	D H&G
735000	Panther 72 400v/50Hz		72	400	50	1.6	550	1" F BSP Flanged	D H&G
733020	Panther 90 230v/50Hz	✓	90	230	50	4.9	700	1" F BSP Flanged	D H&G
NEW CTS1070	Pump Service Kit for Panther 56/72								D H&G
NEW CTS1072	Pump Service Kit for Panther 90								D H&G

E80

E120

PIUSI

D DIESEL **HVO & GTL**

Piusi E80/120/140

140lpm
MAX FLOW RATE

AC
POWER

See page 49 for carry frames
ACCESSORIES

› Powerful, self priming rotary vane pump for high flow diesel transfer
› Sintered steel rotor and acetal resin vanes
› Cast iron pump body with anti-corrosion paint
› Integrated bypass valve and Viton lip seal
› Induction motor with aluminium casing and anchoring brackets
› Protection grade: IP55
› Noise level below 70db
› Continuous running in open flow
› Thermal motor overload
› **Please note:** Suction hose must be 1½" and delivery hose 8m max.
› **Please note: E140 has opposite flow direction from E80/120**

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Weight	Ports	Fluids
305000	E80 230v/50Hz	✓	75	230	50	3.5	700		1" F BSP Flanged	D H&G
307000	E80 400v/50Hz		75	400	50	1.6	550		1" F BSP Flanged	D H&G
326000	E120 230v/50Hz	✓	97	230	50	4.5	950		1" F BSP Flanged	D H&G
32700A	E120 110v/50Hz/60Hz	✓	100	110	50/60	11.9	1200		1" F BSP Flanged	D H&G
312000	E120 400v/50Hz		100	400	50	2.2	800		1" F BSP Flanged	D H&G
F00395050	E140 230v/50Hz	✓	140	230	50	5	1150	25 kg	1 ¼" BSP Inlet / 1" BSP Outlet	D H&G
NEW CTS1074	Pump Service Kit for E80/120									D H&G

Piusi BP3000

D DIESEL | HVO & GTL

PIUSI

- › Low voltage rotary vane pump for mobile diesel refuelling thanks to no mains power needing to be available
- › Sintered steel rotor and acetal resin vanes
- › Compact cast iron pump body with anti-corrosion paint
- › Integrated bypass valve and NBR lip seal
- › Direct current brush motor with permanent magnet stator
- › Pump attachment support bracket
- › Protection grade: IP55
- › Noise level below 70db
- › Available with vertical or horizontal push fit or BSP inlet/outlets depending upon installation preference

50lpm
MAX FLOW RATE

DC
POWER

See **page 165** for connection options
ACCESSORIES

BP3000 Vertical

BP3000 Horizontal

Code	Description	Max Flow Rate (lpm)	V	Amps	Duty (mins)	Ports	Fluids
342000	BP3000 12v Pump Only Vertical	50	12	24	30	¾" Push Fit	D H&G
347000	BP3000 24v Pump Only Vertical	50	24	13	30	¾" Push Fit	D H&G
F00357000	BP3000 12v Pump Only Horizontal	50	12	24	30	¾" Push Fit	D H&G
F00358000	BP3000 24v Pump Only Horizontal	50	24	13	30	¾" Push Fit	D H&G
F00357500	BP3000 12v Pump Only Horizontal BSP	50	12	13	30	¾" F BSP	D H&G
F00358500	BP3000 24v Pump Only Horizontal BSP	50	24	13	30	¾" F BSP	D H&G
R17289000	Dual Terminal Box c/w 2m Cable & Clips		12/24				
R17290000	Dual Terminal Box c/w 6m Cable & Clips		12/24				

Piusi BP3000 Carry & Battery Kit

D DIESEL | HVO & GTL

PIUSI

Carry Pump

- › BP3000 diesel pump available as a carry handle kit for easy mobile refuelling
- › Terminal box with on/off switch & 2m cable & clips. 4m options also available on request.

Battery Kit

- › BP3000 Carry pump as part of a portable, ready to dispense kit
- › Manual Self 2000 nozzle & 4m open ended hose, to be cut down into delivery & suction
- › Extra hose tail for nozzle connection, basket filter & jubilee clips
- › Point of display presentation box

50lpm
MAX FLOW RATE

DC
POWER

See **page 51** for drum kit
ACCESSORIES

BP3000 Carry Vertical Version

Battery Kit Horizontal Version

Code	Description	Max Flow Rate (lpm)	V	Amps	Nozzle	Hose	Ports	Fluids
22300C	BP3000 12v Carry Pump Vertical	50	12	22			¾" Push Fit Hose Tail	D H&G
22400C	BP3000 24v Carry Pump Vertical	50	24	13			¾" Push Fit Hose Tail	D H&G
223260	BP3000 12v Carry Pump Horizontal	50	12	22			¾" BSP Hose Tail	D H&G
224240	BP3000 24v Carry Pump Horizontal	50	24	13			¾" BSP Hose Tail	D H&G
22500C	BP3000 12v Battery Kit Vertical	50	12	22	Self 2000	¾" x 4m	¾" Push Fit Hose Tail	D H&G
22600C	BP3000 24v Battery Kit Vertical	50	24	13	Self 2000	¾" x 4m	¾" Push Fit Hose Tail	D H&G
225410	BP3000 12v Battery Kit Horizontal	50	12	22	Self 2000	¾" x 4m	¾" BSP Hose Tail	D H&G
226380	BP3000 24v Battery Kit Horizontal	50	24	13	Self 2000	¾" x 4m	¾" BSP Hose Tail	D H&G

PUMPS

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METERS

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FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Bi-Pump

Battery Kit

PIUSI

D DIESEL **HVO & GTL**

85lpm

MAX FLOW RATE

DC

POWER

Piusi Bi-Pump & Battery Kit

› Powerful low voltage pump for high flow mobile refuelling when no mains power is available

› Made of 2 x BP3000 pumps mounted together for faster transfer

› Sintered steel rotors and acetal resin vanes

› Cast iron pump body c/w integrated bypass valve

› Direct current brush motors with permanent magnet stators

› Pump attachment support bracket

› Protection grade: IP55

› Available as a ready to dispense battery kit with manual nozzle, 4m del & 2m suc hose, NRV & strainer & 2m clips

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Duty (mins)	Ports	Fluids
363A0A	Bi-Pump Only 12v	✓	85	12	42	30	1" F BSP Flanged	D H&G
363B0A	Bi-Pump Only 24v	✓	85	24	21	30	1" F BSP Flanged	D H&G
363010	Bi-Pump 12v c/w 2m Clips	✓	85	12	42	30	1" F BSP Flanged	D H&G
363030	Bi-Pump 24v c/w 2m Clips	✓	85	24	21	30	1" F BSP Flanged	D H&G
36302A	Bi-Pump 12v c/w 4m Clips	✓	85	12	42	30	1" F BSP Flanged	D H&G
36304A	Bi-Pump 24v c/w 4m Clips	✓	85	24	21	30	1" F BSP Flanged	D H&G
363120	Bi-Pump Battery Kit 12v	✓	80	12	42	30	1" F BSP Flanged	D H&G
363140	Bi-Pump Battery Kit 24v	✓	80	24	21	30	1" F BSP Flanged	D H&G
F14352000	6m Cable & Clips No Fuse							
NEW CTS1075	Pump Service Kit for Bi-Pump							D H&G

Piusibox

Pro Version Contents

PIUSI

D DIESEL **HVO & GTL**

45lpm

MAX FLOW RATE

DC

POWER

Piusibox

› BP3000 low voltage diesel pump as a portable pumping solution in a handy & compact protective carry box

› Manual Self 2000 nozzle with ¾" BSP swivel & a shorter spout making it easier to pack back inside the box

› 2m suction hose & 4m delivery hose ready swaged & c/w swivel

› Locking vantage foot valve & strainer to prevent leakage of diesel

› Terminal box with on/off switch & 4m cable & clips

› 10µ particle filter (Pro models only)

› All equipment comes virtually assembled for user convenience

› Ideal for refuelling in heavy duty environments thanks to its protective box preventing contamination e.g. construction sites & agriculture

Code	Description	Max Flow Rate (lpm)	V	Amps	Nozzle	Hose	Filter	Fluids
F00231000	Piusibox 12v Basic	45	12	22	Self 2000	4m del, 2m suct		D H&G
F00231010	Piusibox 12v Pro	43	12	22	Self 2000	4m del, 2m suct	10µ	D H&G
F00232000	Piusibox 24v Basic	45	24	13	Self 2000	4m del, 2m suct		D H&G
F00232010	Piusibox 24v Pro	43	24	13	Self 2000	4m del, 2m suct	10µ	D H&G
F16483010	Spare Piusibox Filter						10µ	D H&G

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D DIESEL **HVO & GTL**

Piusi Panther DC & Battery Kit

› Self priming, low voltage rotary vane pump for mobile refuelling
› Sintered steel rotor and acetal resin vanes
› Cast iron pump body with anti-corrosion paint
› Mechanical seal for reliability even at low temperatures
› Integrated bypass valve and 500µ filter, accessible for easy cleaning
› Direct current brush motor with permanent magnet stator
› Protection grade: IP55
› Available as a ready to dispense battery kit with manual nozzle, 4m del & 2m suc hose, NRV & strainer, 2m clips & carry handle

PIUSI

70lpm
MAX FLOW RATE

DC
POWER

Panther DC

Battery Kit

Code	Description	On/Off Switch	Cable Fuse	Max Flow Rate (lpm)	V	Amps	Duty (mins)	Ports	Fluids
34000A	Panther DC 12v	✓		56	12	35	30	1" F BSP	D H&G
34100A	Panther DC 24/12v	✓		70/35	24/12	25/16	30	1" F BSP	D H&G
340010	Panther DC 12v c/w 2m Clips	✓	✓	56	12	35	30	1" F BSP	D H&G
341010	Panther DC 24v/12v c/w 2m Clips	✓	✓	70/35	24/12	25/16	30	1" F BSP	D H&G
340030	Panther DC 12v Battery Kit	✓	✓	56	12	35	30	1" F BSP	D H&G
341030	Panther DC 24v/12v Battery Kit	✓	✓	70/35	24/12	25/16	30	1" F BSP	D H&G
R10041000	4m Cable & Clips c/w Fuse 12v				12				
R10039000	4m Cable & Clips c/w Fuse 24v				24				
R13242000	Carry Handle								

D DIESEL **HVO & GTL**

Piusi Vantage

› Low voltage vane pump for refuelling onboard plant equipment with the flexibility to be mounted in various positions
› Monitors its own operation to slow the pump when it gets hot
› Sintered steel rotor and acetal resin vanes
› Cast iron pump body with anti-corrosion paint
› Direct current brush motor with permanent magnet stator
› Pump attachment support bracket
› Protection grade: IP55 & run dry protection
› Vertical push fit ports
› LED for monitoring operation status & stored memory events
› Electronic control box comes mounted on top of the pump as standard, but can be mounted remotely from the pump if required

PIUSI

60lpm
MAX FLOW RATE

DC
POWER

ACCESSORIES

Vantage 60

Electronic Control Box

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Duty (mins)	Ports	Fluids
F0033700A	BP3000 Vantage 60 12v	✓	60	12	24	Self Controlled	¾" Push Fit	D H&G
F0033801A	BP3000 Vantage 60 24v	✓	60	24	13	Self Controlled	¾" Push Fit	D H&G

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TOOLS

Pumps / Diesel Pumps

PIUSI

| D DIESEL | HVO & GTL |

90lpm
MAX FLOW RATE

AC/DC
POWER

Piusi Wall Mounted Kit

› Plated refuelling pump kits ideal for wall or tank mounting during tank manufacturing or for retrofitting to existing tanks

› Compact and ready assembled solution for immediate dispensing

› Choice of flow rate & voltage depending upon which model of Piusi pump is selected

› Automatic nozzle, nozzle support, 4m delivery hose & check valve

› Optional mechanical K33 flow meter

› Protection grade: IP55

› Metal boxed options available instead of plated for the extra protection of the internal components

› Optional 2m suction hose kit c/w non-return valve and strainer

Code	Description	Max Flow Rate (lpm)	V	Meter	Nozzle	Hose	Presentation	Fluids
340070	ST Panther DC 12v A K33	56	12	K33	Auto 60	¾" x 4m	Plated	D H&G
287P0A	ST Panther 56 230v A K33	56	230	K33	Auto 60	¾" x 4m	Plated	D H&G
365P0A	ST Panther 56 230v A K33	56	230	K33	Auto 60	¾" x 4m	Boxed	D H&G
392000	ST E80 230v A K33	70	230	K33	Auto 80	1" x 4m	Plated	D H&G
36700B	ST E80 230v A K33	75	230	K33	Auto 80	1" x 4m	Boxed	D H&G
252000	ST E120 230v A	90	230		Auto 120	1" x 4m	Plated	D H&G
397000	ST E120 230v A K33	90	230	K33	Auto 120	1" x 4m	Plated	D H&G
36900B	ST E120 230v A K33	90	230	K33	Auto 120	1" x 4m	Boxed	D H&G
SUC02	2m Suction Hose Kit					1" x 2m		D H&G

PIUSI

| D DIESEL | HVO & GTL |

85lpm
MAX FLOW RATE

AC/DC
POWER

See page 122 for spare filters
ACCESSORIES

Piusi Wall Mounted Kit + Filter

› Plated refuelling pump kits ideal for wall or tank mounting during tank manufacturing or for retrofitting to existing tanks

› Compact and ready assembled solution for immediate dispensing

› Choice of flow rate & voltage depending upon which model of Piusi pump is selected

› Automatic nozzle, nozzle support, 6m delivery hose & check valve

› 10μ or 30μ micron particle & water filter

› Mechanical K33 flow meter

› Protection grade: IP55

› Optional 2m suction hose kit c/w non-return valve and strainer

Code	Description	Max Flow Rate (lpm)	V	Meter	Nozzle	Filter	Hose	Fluids
386F30CT	ST Panther 56 230v A K33 30μ	52	230	K33	Auto 60	30μ	¾" x 6m	D H&G
265F30CT	ST Panther 72 230v A K33 30μ	70	230	K33	Auto 60	30μ	¾" x 6m	D H&G
395F30CT	ST E120 230v A K33 30μ	85	230	K33	Auto 120	30μ	1" x 6m	D H&G
399F30CT	ST Bi-Pump 12v A K33 30μ	75	12	K33	Auto 120	30μ	1" x 6m	D H&G
386F10CT	ST Panther 56 230v A K33 10μ	52	230	K33	Auto 60	10μ	¾" x 6m	D H&G
265F10CT	ST Panther 72 230v A K33 10μ	70	230	K33	Auto 60	10μ	¾" x 6m	D H&G
395F10CT	ST E120 230v A K33 10μ	85	230	K33	Auto 120	10μ	1" x 6m	D H&G
399F10CT	ST Bi-Pump 12v A K33 10μ	75	12	K33	Auto 120	10μ	1" x 6m	D H&G
SUC02	2m Suction Hose Kit						1" x 2m	D H&G

D DIESEL **HVO & GTL**

Piusi Wall Mounted Kit + Pulse Meter

› Plated refuelling pump kits ideal for wall or tank mounting during tank manufacturing or for retrofitting to existing tanks

› Compact and ready assembled solution for immediate dispensing

› Choice of flow rate & voltage depending upon which model of Piusi pump is selected

› Automatic nozzle, nozzle support & 6m delivery hose

› 10µ or 30µ micron particle & water filter

› K600 B/3 pulse meter c/w local display & variable pulse output for direct connection to a fuel management system

› Protection grade: IP55

› Optional 2m suction hose kit c/w non-return valve and strainer

PIUSI

85lpm
MAX FLOW RATE

AC/DC
POWER

See page 122 for spare filters
ACCESSORIES

Code	Description	Max Flow Rate (lpm)	V	Meter	Nozzle	Filter	Hose	Fluids
CTS2054	ST Panther 56 230v A K600 B/3 30µ	52	230	K600 B/3	Auto 60	30µ	¾" x 6m	D H&G
CTS2055	ST Panther 72 230v A K600 B/3 30µ	70	230	K600 B/3	Auto 60	30µ	¾" x 6m	D H&G
CTS2056	ST E120 230v A K600 B/3 30µ	85	230	K600 B/3	Auto 120	30µ	1" x 6m	D H&G
CTS2058	ST Bi-Pump 12v A K600 B/3 30µ	75	12	K600 B/3	Auto 120	30µ	1" x 6m	D H&G
CTS2059	ST Panther 56 230v A K600 B/3 10µ	52	230	K600 B/3	Auto 60	10µ	¾" x 6m	D H&G
CTS2060	ST Panther 72 230v A K600 B/3 10µ	70	230	K600 B/3	Auto 60	10µ	¾" x 6m	D H&G
CTS2061	ST E120 230v A K600 B/3 10µ	85	230	K600 B/3	Auto 120	10µ	1" x 6m	D H&G
CTS2062	ST Bi-Pump 12v A K600 B/3 10µ	75	12	K600 B/3	Auto 120	10µ	1" x 6m	D H&G
SUC02	2m Suction Hose Kit						1" x 2m	D H&G

D DIESEL **HVO & GTL**

Piusi ST Box

› Self-contained pumping system in a sturdy steel locking box for added security and protection

› Compact and ready assembled solution for immediate dispensing

› Choice of flow rate depending upon which Piusi pump model is selected

› Automatic nozzle, nozzle support & 6m delivery hose

› K33 flow meter & 30µ micron particle & water filter

› Nozzle holder with lever pump start and automated pump stop when nozzle is returned (Pro model only)

› Access 85 that controls access to the pump via electronic keys, has an emergency stop, level sensor & pump timer (Pro model only). Comes with 4 user keys and 1 manager key as standard.

› Protection grade: IP55

› Optional 2m suction hose kit c/w non-return valve and strainer

PIUSI

85lpm
MAX FLOW RATE

AC
POWER

See page 122 for spare filters
ACCESSORIES

Pro

Basic

Code	Description	Max Flow Rate (lpm)	V	Meter	Nozzle	Filter	Hose	Access 85	Nozzle Switch	Fluids
F00365020	ST Box Basic – Panther 56	56	230	K33	Auto 60	30µ	¾" x 6m			D H&G
F00365050	ST Box Basic – E120	85	230	K33	Auto 120	30µ	1" x 6m			D H&G
F00365010	ST Box Pro – Panther 72	72	230	K33	Auto 60	30µ	¾" x 6m	✓	✓	D H&G
SUC02	2m Suction Hose Kit						1" x 2m			D H&G

PIUSI

D DIESEL   **HVO & GTL**

Piusi Cube Range

90lpm

MAX FLOW RATE

AC/DC

POWER

› Compact red boxed fuel dispenser for wall or tank mounting

› Self priming, acetal resin vane pump c/w sintered steel rotor

› Mechanical seal & integrated bypass valve

› Nutating disk mechanical flow meter (Pulse version 10:1 - 3 wire)

› Automatic nozzle c/w flexible hose & swivel connections

› Nozzle holder with lever pump start and automated pump stop when nozzle is returned

› Cube 56/70 continuous running, Cube 90 30min duty cycle

› Protection grade: IP55

Code	Description	On/Off Switch	Cable Fuse	Max Flow Rate (lpm)	V	Ports	Meter	Nozzle	Hose	Fluids
57500C	Cube 56 230v	✓		52	230	1" BSP	K33	Auto 60	¾" x 4m	D H&G
57516A	Cube 56 230v + Pulse Out	✓		52	230	1" BSP	K44	Auto 60	¾" x 4m	D H&G
575340	Cube 56 110v	✓		52	110	1" BSP	K33	Auto 60	¾" x 4m	D H&G
59100A	Cube 70 230v	✓		70	230	1" BSP Flanged	K33	Auto 60	1" x 4m	D H&G
59111A	Cube 70 230v + Pulse Out	✓		70	230	1" BSP Flanged	K44	Auto 60	1" x 4m	D H&G
576000	Cube DC 12v	✓	✓	52	12	1" BSP	K33	Auto 60	¾" x 4m	D H&G
577000	Cube DC 24/12	✓	✓	70/35	24/12	1" BSP	K33	Auto 60	¾" x 4m	D H&G
59200A	Cube 90 230v	✓		90	230	1" BSP Flanged	K44	Auto 120	1" x 4m	D H&G
F12708	Cube Pedestal Black									
F12737	Cube Wall Support Kit									
8930	Quick Coupling 1" x 2"									

PIUSI

D DIESEL   **HVO & GTL**

Piusi Self Service

90lpm

MAX FLOW RATE

AC

POWER

› Compact fuel dispenser for the high flow private refuelling of vehicles or plant machinery

› Self priming vane pump with bypass valve

› Integrated nutating disk mechanical K44 meter (Pulse version 10:1 - 3 wire)

› Automatic nozzle c/w flexible hose & swivel connections

› Nozzle holder with lever pump start and automated pump stop when nozzle is returned

› Continuous running

› Protection grade: IP55

› Freestanding or mini versions for tank mounting available

› Options with water filter and/or pulse output

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Ports	Meter	Nozzle	Hose	Filter	Fluids
737B00	Self Service 70 Mini	✓	70	230	1 ½" F BSP	K44	Auto	¾" x 4m		D H&G
737B20	Self Service 70 Mini + Pulse Out	✓	70	230	1 ½" F BSP	K44	Auto	¾" x 4m		D H&G
73701B	Self Service 70 + Filter	✓	70	230	1 ½" F BSP	K44	Auto	¾" x 4m	30µ	D H&G
740B00	Self Service 100 Mini	✓	90	230	1 ½" F BSP	K44	Auto	1" x 4m		D H&G
74001B	Self Service 100 + Filter	✓	90	230	1 ½" F BSP	K44	Auto	¾" x 4m	30µ	D H&G
740020	Self Service 100 + Filter + Pulse Out	✓	90	230	1 ½" F BSP	K44	Auto	¾" x 4m	30µ	D H&G

PUMPS

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FILL & VENT

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TOOLS

D DIESEL   **HVO & GTL**

Piusi Pico

› Compact centrifugal pump c/w priming device for dispensing diesel directly from a drum

› Universal motor with double-insulated body and in-built switch

› 4m delivery hose & suction hose with strainer

› 2" BSP and M 64 x 4 drum connection for direct mounting

› Options with K24 flow meter & choice of manual or auto nozzle

› 2m power cables (230v versions), 3m cable & clips (DC versions)

› Popular refuelling solution in agricultural or work site environments

PIUSI

35lpm
MAX FLOW RATE

AC/DC
POWER

Code	Description	Max Flow Rate (lpm)	V	Amps	Meter	Nozzle	Fluids
F00202040	Pico Drum Pump 12v M	30	12	9		Manual	D H&G
F00202050	Pico Drum Pump 12v A	25	12	9		Auto 60	D H&G
F00202060	Pico Drum Pump 12v M K24	30	12	9	K24	Manual	D H&G
F00202070	Pico Drum Pump 12v A K24	25	12	9	K24	Auto 60	D H&G
F00202080	Pico Drum Pump 24v M	30	24	5.5		Manual	D H&G
F00202090	Pico Drum Pump 24v A	25	24	5.5		Auto 60	D H&G
F00202100	Pico Drum Pump 24v M K24	30	24	5.5	K24	Manual	D H&G
F00202110	Pico Drum Pump 24v A K24	25	24	5.5	K24	Auto 60	D H&G
F00202000	Pico Drum Pump 230v M	35	230	1		Manual	D H&G
F00202010	Pico Drum Pump 230v A	30	230	1		Auto 60	D H&G
F00202020	Pico Drum Pump 230v M K24	35	230	1	K24	Manual	D H&G
F00202030	Pico Drum Pump 230v A K24	30	230	1	K24	Auto 60	D H&G

D DIESEL   **HVO & GTL**

Piusi Drum Pump Kit

› Complete refuelling solution designed for dispensing diesel directly from a drum

› Differing flow rates and a choice of mains powered or low voltage depending upon which Piusi pump is selected

› Automatic nozzle, nozzle holster & 4m delivery hose

› Telescopic suction down tube

› Quick coupling for easy drum connection & moving from one drum to another

› Optional mechanical K33 flow meter

› Popular refuelling solution in agricultural, workshop or construction site environments

PIUSI

80lpm
MAX FLOW RATE

AC/DC
POWER

Code	Description	Max Flow Rate (lpm)	V	Meter	Nozzle	Hose	Fluids
273P00	Panther 56 230v A	56	230		Auto 60	¾" x 4m	D H&G
274P00	Panther 56 230v A K33	56	230	K33	Auto 60	¾" x 4m	D H&G
F00341110	Panther DC 24/12v A K33	70/35	24/12	K33	Auto 60	¾" x 4m	D H&G
22203A	Bi-Pump 12v A	80	12		Auto 120	1" x 4m	D H&G
22207A	Bi-Pump 12v A K33	80	12	K33	Auto 120	1" x 4m	D H&G
22208A	Bi-Pump 24v A K33	80	24	K33	Auto 120	1" x 4m	D H&G

IBC Kit

Top Suction Kit

Bottom Suction Kit

PIUSI

D DIESEL **HVO & GTL**

56lpm
MAX FLOW RATE

AC
POWER

IBC Plated Pump & Suction Kits

Pump Kits

› Plated Panther 56 diesel pump designed specifically for dispensing diesel directly from an IBC

› Automatic nozzle, nozzle support & 4m delivery hose

› Optional mechanical K33 flow meter

› Choice of optional bottom or top suction kit depending upon the individual IBC connection

Suction Kits

› Bottom suction kit - 60 x 6 Buttress to 1" CAM male, 2m suction hose, non-return valve & Y strainer

› Top suction kit - 2m x 1" suction hose, non-return valve & basket strainer

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Ports	Nozzle	Del Hose	Meter	Fluids		
CTS2017	Panther 56 K33 A IBC Kit	✓	56	230	1" F BSP	Auto 60	4m	K33	D	H&G	
CTS2038	Panther 56 A IBC Kit	✓	56	230	1" F BSP	Auto 60	4m		D	H&G	
SUC01	Bottom Suction Kit								D	O	H&G
SUC02	Top Suction Kit								D	O	H&G

NEW

PIUSI

D DIESEL **HVO & GTL**

380ml per rev
MAX FLOW RATE

IBC
MOUNTING

Premium Rotary IBC Hand Pump Kit

› Self priming rotary hand pump with stainless steel outer casing on an IBC bracket for easy mounting & moving between IBCs

› Sturdy and durable solution for dispensing diesel from an IBC

› Suitable for fitting to lower IBC bars when the IBC is on a bund

› Fits both round & squared bar IBCs to meet all requirements

› Smooth operation thanks to its rolling handle grip & quality internals

› 3m delivery hose & swivel spout with on/off valve to close off the hose when delivery has finished to prevent dripping

› 60 x 6 Buttress IBC connector & 2m suction hose

Code	Description	Max Flow Rate (per rev)	Nozzle	Hose	IBC Bracket	Fluids	
CTS1035	Premium Diesel Rotary IBC Hand Pump Kit	380ml	Spout	3m del, 2m suct	Stainless Steel	D	H&G

Piusi Panther Dispensing Kits

NEW

56lpm MAX FLOW RATE

AC POWER

See page 49 for carry frames — INFORMATION

Auto Kit

- › Market leading Panther 56 230v pump in a ready to dispense kit with choice of nozzle, delivery hose, suction hose and PTFE tape
- › Designed for reliable and flexible refuelling in both mobile and static applications where mains power is available
- › Piusi Panther 56 c/w cast iron pump body & anti-corrosion paint
- › Integrated bypass valve & 500µ filter accessible for easy cleaning
- › Choice of manual or automatic nozzle
- › 6m x 1" delivery hose
- › 2m suction hose c/w non-return valve & strainer
- › Protection grade: IP55

Code	Description	Max Flow Rate (lpm)	V	Nozzle	Delivery Hose	Suction Hose	PTFE Tape	Fluids	
CTS2165	Panther 56 Dispensing Kit Manual	56	230v	Manual	1" x 6m	1" x 2m	Standard 12m	D	H&G
CTS2166	Panther 56 Dispensing Kit Auto	56	230v	Auto 60	1" x 6m	1" x 2m	Standard 12m	D	H&G

Piusi Pitstop

45lpm MAX FLOW RATE

DC POWER

Pitstop

2 x BP3000 included

- › 2 x BP3000 diesel pumps in a sturdy dispensing unit with 14m hose reel c/w hose stop & adjustable arms
- › Designed for refuelling in heavy duty environments where access to the vehicle being refuelling may be difficult & mains power is unavailable
- › Cast iron pump body c/w sintered steel rotor & acetal resin vanes
- › Integrated bypass valve & on/off switch
- › 4m cable & clips for reaching the fill points of larger vehicles
- › Sturdy metal supporting structure with safety guards
- › Automatic nozzle with holster and padlock to lock in place
- › 30µ water & particle filter
- › Protection grade: IP55
- › Popular solution on quarries, large construction sites and mines

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Ports	Nozzle	Hose	Fluids	
F00212000	Pitstop 12v	✓	45	12	33	¾" Hose Tail	Auto 60	¾" x 14m	D	H&G
F00213000	Pitstop 24v	✓	45	24	26	¾" Hose Tail	Auto 60	¾" x 14m	D	H&G

PIUSI

D DIESEL   **HVO & GTL**

Piusi ST 200 AC

200lpm

MAX FLOW RATE

AC

POWER

See **page 64 for K700 Flow Meter**

INFORMATION

› 2 x powerful E120 diesel pumps in a sturdy steel frame for high flow, large volume diesel transfer applications

› Designed for heavy duty environments such as construction sites, quarries and mines where machinery to refuel is typically larger

› Cast iron pump body c/w sintered steel rotor & acetal resin vanes

› Integrated bypass valve & on/off switch

› Protection grade: IP55

› Allows for the easy installation of an optional K700 flow meter

› Optional portability kit available as with handle & wheels to help manoeuvre the pump over difficult terrains

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Ports	Fluids	
F00315000	ST 200 AC	✓	200	230	50	10	2050	1 ½" F BSP Flanged	D	H&G
F1686000	ST 200 AC Portability Kit									
F18798000	10m Delivery Hose Kit c/w CAM Fittings								D	H&G
F18799000	20m Delivery Hose Kit c/w CAM Fittings								D	H&G

PIUSI

D DIESEL   **HVO & GTL**

Piusi ST 200 DC

185lpm

MAX FLOW RATE

DC

POWER

See **page 64 for K700 Flow Meter**

INFORMATION

› 4 x BP3000 low voltage diesel pumps for portable, high flow diesel transfer applications where mains power is unavailable

› Designed for heavy duty environments such as construction sites, quarries and mines where machinery to refuel is typically larger

› 4m cable & clips for reaching the fill point of larger vehicles

› 2 carry handles for ease of manoeuvring around the site

› Cast iron pump body c/w sintered steel rotor & acetal resin vanes

› Integrated bypass valve & on/off switch

› Ceramic graphite mechanical seal

› Duty cycle: 20 min on/40 min off

› Protection grade: IP55

› Allows for the easy installation of an optional K700 flow meter

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Watts	Ports	Fluids	
F00318000	ST 200 DC	✓	185	24	50	1200	1 ½" F BSP Flanged	D	H&G

D DIESEL   **HVO & GTL**

Piusi E300

› Electric rotary vane pump designed for high flow diesel applications where large volumes need to be transferred

› Popular for decanting diesel from one tank to another

› Sintered steel rotor and acetal resin vanes

› Sturdy cast iron body for heavy duty use

› Cast iron open impeller

› Ceramic and graphite shaft seal

› Self-priming once it has been initially primed

› Incorporated check valve in the suction port to prevent the siphoning effect & ensure automatic re-priming

› Protection grade: IP55

› Continuous running in open flow

PIUSI

550lpm
MAX FLOW RATE

AC
POWER

Code	Description	Max Flow Rate (lpm)	V	Amps	Watts	Ports	Fluids
F00321000	Piusi E300	550	230	9.2	1500	2" BSP	D F

D DIESEL   **P** PETROL   **K** KEROSENE   **J** JET FUEL   **HVO & GTL**

Piusi EX30 ATEX Fuel Pump

› Compact rotary vane pump designed to be OEM integrated into a fuel system that is approved as a whole for use in potentially explosive applications

› Suitable for diesel, petrol, kerosene, AVGAS, AVJET, Aspen 2 & 4

› For refilling small vehicles e.g. go-karts, jet skis and golf buggies in Zone 1 environments

› c/w 0.5m supply cable for wiring into junction box

› Sintered steel rotor and technopolymer vanes

› Cast iron pump body with anti-corrosion resistant paint

› Integrated bypass valve with Viton seal

› ATEX certified: II2G Ex d II A T4 Gb

› Protection grade: IP55

› Thermal motor protection

PIUSI

35lpm
MAX FLOW RATE

DC
POWER

Code	Description	Max Flow Rate (lpm)	V	Amps	Duty (mins)	Ports	Fluids
F00381000	EX30 12v	35	12	15	30 on / 60 off	¾" F BSP	D P K J H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

20

EX50

Nozzle switch version

PIUSI

75lpm

MAX FLOW RATE

AC/DC

POWER

| D DIESEL | P PETROL | K KEROSENE | J JET FUEL | HVO & GTL |

Piusi EX50/75 ATEX Fuel Pumps

› Compact self priming rotary vane pump for the dispensing of fuel in potentially explosive applications

› Suitable for diesel, petrol, kerosene, AVGAS, AVJET, Aspen 2 & 4

› For refilling vehicles, golf buggies & mowers in Zone 1 environments

› Version with drum connector, nozzle switch & check valve

› Sintered steel rotor, technopolymer vanes & integrated bypass valve

› Cast iron pump body with anti-corrosion resistant paint

› ATEX certified: II2G Ex d II A T4 Gb

› Protection grade: IP55

› Thermal motor protection

Code	Description	Max Flow Rate (lpm)	V	Hz	Amps	Duty (mins)	Ports	Pump On/Off	Drum Connector	Fluids
F00371000	EX50 12v	50	12		25	30 on / 60 off	1" F BSP Flanged	Lever		D P K J H&G
F0037103A	EX50 12v 25lpm	25	12		25	30 on / 60 off	¾" F BSP Flanged	Lever		D P K J H&G
F00372020	EX50 12v Nozzle Switch Version	50	12		25	30 on / 60 off	1" F BSP	Nozzle Switch	2" M BSP	D P K J H&G
F00373000	EX50 230v	50	230	50/60	1.2	30 on / 30 off	1" F BSP Flanged	Lever		D P K J H&G
F00374020	EX50 230v Nozzle Switch Version	50	230	50/60	1.2	30 on / 30 off	1" F BSP	Nozzle Switch	2" M BSP	D P K J H&G
F00380000	EX75 12v	75	12		26	30 on / 30 off	1" F BSP Flanged			D P K J H&G
F17996000	ATEX Flexible Cable Gland									
F18156000	ATEX Conduit Cable Gland									

EX100

EX140

PIUSI

140lpm

MAX FLOW RATE

AC

POWER

| D DIESEL | P PETROL | K KEROSENE | J JET FUEL | HVO & GTL |

Piusi EX100/140 ATEX Fuel Pumps

› Heavy duty, self priming rotary vane pump for high flow fuel dispensing in potentially explosive applications

› Suitable for diesel, petrol, kerosene, AVGAS, AVJET, Aspen 2 & Aspen 4

› For quick refilling of larger vehicles & machinery in Zone 1 environments

› Sintered steel rotor, technopolymer vanes & integrated bypass valve

› Cast iron pump body with anti-corrosion resistant paint

› ATEX certified: II2G Ex d II A T4 Gb

› Protection grade: IP55

› Continuous running in open flow

› Thermal motor protection

› Pump weight: 25kg

› **Please note: EX140 has opposite flow direction from standard Piusi ATEX pumps such as the EX50.**

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Weight	Ports	Fluids
F00390010	EX100 230v/50Hz	✓	100	230	50	4.5	1035	25 kg	1 ¼" BSP Inlet / 1" BSP Outlet	D P K J H&G
F00395010	EX140 230/50Hz	✓	140	230	50	5	1150	25 kg	1 ¼" BSP Inlet / 1" BSP Outlet	D P K J H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

D DIESEL | **P** PETROL | **K** KEROSENE | **HVO & GTL**

Piusi EX50 ATEX Wall Mounted Kit

› EX50 as part of a wall mounted kit for dispensing fuel in potentially explosive applications

› Suitable for diesel, petrol and kerosene

› For refilling vehicles, golf buggies & mowers in Zone 1 environments

› Can be wall or tank mounted

› ATEX automatic or manual nozzle c/w holster

› 4m delivery hose c/w bend protection

› Mesh strainer for filtering large impurities out of the fuel

› Mechanical ATEX K33 flow meter

› ATEX certified: II2G Ex d II A T4 Gb

PIUSI

50lpm
MAX FLOW RATE

AC
POWER

Code	Description	Max Flow Rate (lpm)	V	Flow Meter	Hose	Nozzle	Filter	Connection	Fluids
F00377000	ST EX50 230V A K33	50	230	K33	4m	Auto	Strainer	Wall Plate	D P K H&G

D DIESEL | **P** PETROL | **K** KEROSENE | **HVO & GTL**

Piusi EX50 ATEX Drum Kit

› EX50 as part of a drum mounted kit for dispensing fuel in potentially explosive applications

› Suitable for diesel, petrol and kerosene

› For refilling vehicles, golf buggies & mowers in Zone 1 environments

› ATEX automatic or manual nozzle c/w holster

› 4m delivery hose

› 30µ water and particle filter

› Optional mechanical ATEX K33 flow meter

› Telescopic downtube & 2" M BSP drum connector

› ATEX certified: II2G Ex d II A T4 Gb

› Available in a range of flow rates and component configurations

PIUSI

50lpm
MAX FLOW RATE

AC/DC
POWER

Code	Description	Max Flow Rate (lpm)	V	Flow Meter	Hose	Nozzle	Filter	Connection	Fluids
F00372010	Drum EX50 12V ATEX A	50	12		4m	Auto	30µ	2" M BSP Drum	D P K H&G
F00372000	Drum EX50 12V ATEX M	50	12		4m	Manual	30µ	2" M BSP Drum	D P K H&G
F00375010	Drum EX50 12V ATEX A K33	50	12	K33	4m	Auto	30µ	2" M BSP Drum	D P K H&G
F00375000	Drum EX50 12V ATEX M K33	50	12	K33	4m	Manual	30µ	2" M BSP Drum	D P K H&G
F00374010	Drum EX50 230V ATEX A	50	230		4m	Auto	30µ	2" M BSP Drum	D P K H&G
F00374000	Drum EX50 230V ATEX M	50	230		4m	Manual	30µ	2" M BSP Drum	D P K H&G
F00376010	Drum EX50 230V ATEX A K33	50	230	K33	4m	Auto	30µ	2" M BSP Drum	D P K H&G
F00376000	Drum EX50 230V ATEX M K33	50	230	K33	4m	Manual	30µ	2" M BSP Drum	D P K H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Viscomat Vane 70

Vane

PIUSI

50lpm

MAX FLOW RATE

AC

POWER

See page 198 for viscosity table

INFORMATION

0 OIL

Piusi Viscomat Vane

› Electric vane pump for transferring oils & lubricants at higher flow rates

› Sintered steel rotor, acetal resin vanes & viton lip seal

› Integrated adjustable bypass valve (only on Viscomat 70)

› Suitable for continuous running in open flow situations

› Smooth flow, high suction capacity & low noise level

› Maximum fluid temperature of +70°c

› Viscosity up to 500cSt (check oil viscosity at lowest temperature in use)

› Protection grade: IP55

› Available in a range of voltages and flow rates

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Pressure (bar/psi)	Ports	Fluids
334900	Viscomat 70M 230v	✓	25	230	50/60	5.5	1150	6/87	1" F BSP	0
339900	Viscomat 70M 110v	✓	25	110	50	12.7	1200	3/43	1" F BSP	0
331900	Viscomat 70T 400v		25	400	50	2.2	800	6/87	1" F BSP	0
303M00	Viscomat 90M 230v	✓	50	230	50/60	6.5	1350	5/72	1" F BSP	0
303000	Viscomat 90T 400v		50	400	50	3.8	1350	5/78	1" F BSP	0

Viscomat Gear

Gears

PIUSI

14lpm

MAX FLOW RATE

AC

POWER

See page 198 for viscosity table

INFORMATION

0 OIL

Piusi Viscomat Gear

› Electric gear pump for transferring oils & lubricants at higher pressures

› Aluminium body, sintered steel gears & NBR 902 lip seal

› Integrated adjustable bypass valve & self priming device

› Suitable for continuous running in open flow situations

› Smooth flow, high suction capacity & low noise level

› Maximum fluid temperature of +70°c

› Viscosity from 50-2000cSt (check oil viscosity at lowest temperature in use)

› Protection grade: IP55

› Available in a range of voltages and flow rates

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Pressure (bar/psi)	Ports	Fluids
304030	Viscomat 200/2M	✓	9	230	50	3.8	800	12/174	1" F BSP	0
304050	Viscomat 200/T		9	400	50	1.4	600	12/174	1" F BSP	0
304300	Viscomat 230/3M	✓	14	230	50	6	1250	12/174	1" F BSP	0
304T40	Viscomat 230/3T		14	400	50	2.7	1200	12/174	1" F BSP	0
304010	Viscomat 350/2M	✓	9	230	50	6	1200	25/362	1" F BSP	0
304T10	Viscomat 350/2T		9	400	50	2.7	1200	25/362	1" F BSP	0

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

O OIL

Piusi Viscomat Flowmat

› Viscomat gear pump with pressure switch & safety valve for oil & lubricant transfer at higher pressures

› Automatically activates when nozzle opens & switches off at the end of delivery for added convenience

› Aluminium body, sintered steel gears & NBR 902 lip seal

› Integrated adjustable bypass valve & self priming device

› Maximum pressure adjustment device

› Smooth pulse less flow, high suction capacity & low noise level

› Maximum fluid temperature of +70°c

› Viscosity from 50-2000cSt (check oil viscosity at lowest temperature in use)

› Protection grade: IP55

14lpm
MAX FLOW RATE

AC
POWER

See page 198 for viscosity table
INFORMATION

Viscomat Flowmat

Gears

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Pressure (bar/psi)	Ports	Fluids
302000	Viscomat Flowmat 200/2	✓	9	230	50	3.8	800	6/87	1" F BSP	O
302040	Viscomat Flowmat 230/3	✓	14	230	50	6	1200	12/174	1" F BSP	O
302060	Viscomat Flowmat 350/2	✓	9	230	50	6	1250	25/362	1" F BSP	O

O OIL

Piusi Viscomat DC 60/1

› DC gear pump for the transfer of oil & lubricant fluids often from a drum

› Aluminium body & sintered steel gears

› Integrated bypass valve

› Maximum fluid temperature of +70°c

› Viscosity from 50-2000cSt (check oil viscosity at lowest temperature in use)

› Protection grade: IP55

› Optional cable & clips for battery connection

› Popular solution when mains power or air connection is inaccessible

4lpm
MAX FLOW RATE

DC
POWER

See page 198 for viscosity table
INFORMATION

Viscomat Gear

Gears

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Pressure (bar/psi)	Duty (mins)	Ports	Fluids
F00309020	Viscomat DC 60/1 12v	✓	4	12	18.5	5/70	30	½" F BSP	O
F00310020	Viscomat DC 60/1 24v	✓	4	24	9.5	5/70	30	½" F BSP	O
R14437000	2m Cable Kit 12v/24v								
R14438000	4m Cable Kit 12v/24v								

See page 198 for viscosity table
INFORMATION

PIUSI

10lpm MAX FLOW RATE

DC POWER

O OIL

Piusi Viscomat DC 60/2 & 120/1

› DC gear pump for oil transfer where mains power is unavailable
› Aluminium body & sintered steel gears
› Integrated bypass valve
› Maximum fluid temperature of +70°c
› Viscosity from 50-600cSt 60/2 | 50-2000cSt 120/1 (check oil viscosity at lowest temperature in use)
› Protection grade: IP55
› Pressure switch version available for pump auto start/stop
› Optional cable & clips c/w fuse for battery connection

Code	Description	On/Off Switch	Pressure Switch	Max Flow Rate (lpm)	V	Amps	Pressure (bar/psi)	Duty (mins)	Ports	Fluids
F00309010	Viscomat DC 60/2 12v	✓		10	12	35	4/57	30	¾" F BSP	O
F00310010	Viscomat DC 60/2 24v	✓		10	24	18	4/57	30	¾" F BSP	O
F00309000	Viscomat DC 120/1 12v	✓		5	12	26.5	10/140	30	½" F BSP	O
F00310000	Viscomat DC 120/1 24v	✓		5	24	19.5	10/140	30	½" F BSP	O
F00311000	Viscomat DC 120/1 12v PST		✓	5	12	25.5	10/140	30	½" F BSP	O
F00311010	Viscomat DC 120/1 24v PST		✓	5	24	19.5	10/140	30	½" F BSP	O
R10011000	2m Cable Kit 12v									
R10040000	2m Cable Kit 24v									
R10041000	4m Cable Kit 12v									
R10039000	4m Cable Kit 24v									

See page 198 for viscosity table
INFORMATION

PIUSI

10lpm MAX FLOW RATE

DC POWER

O OIL

Piusi Viscomat Battery Kit

› Viscomat DC 60/2 oil pump as part of a portable, ready to dispense kit
› Manual Self 3000 nozzle
› 4m open ended hose to be cut down into delivery & suction
› Hosetail & strainer for filtering large debris
› 2m cable & clips for battery connection
› Suction capacity up to 2m
› Viscosity from 50-600cSt (check oil viscosity at lowest temperature in use)
› Popular solution when mains power or air connection is inaccessible such as in agricultural and work site environments

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Nozzle	Hose	Fluids
F00309060	Viscomat Battery Oil Kit 12v	✓	10	12	35	Self 3000	¾" x 4m	O
F00310070	Viscomat Battery Oil Kit 24v	✓	10	24	18	Self 3000	¾" x 4m	O

O
OIL

Piusi Viscomat Wall Mounted Kit

› Plated oil dispensing pump kits ideal for mounting onto a wall or tank during tank manufacturing or for retrotting to existing tanks

› Choice of flow rate depending upon Piusi pump model selected

› Manual nozzle, nozzle support & 4m delivery hose in ¾" (Viscomat 70 kits) or 1" (Viscomat 90 kits)

› Choice of mechanical flow meter (Viscomat 70 kits) or digital flow meter (Viscomat 90 kits)

› Viscosity up to 500cSt (check oil viscosity at lowest temperature)

› Protection grade: IP55

› Metal boxed option available instead of standard plated version for extra protection

› Optional 2m suction hose kit c/w non-return valve and strainer

PIUSI

45lpm

MAX FLOW RATE

AC

POWER

See **page 198** for viscosity table

INFORMATION

Code	Description	Max Flow Rate (lpm)	V	Rotor	Meter	Nozzle	Hose	Presentation	Fluids
256000	ST Viscomat 70 K33 M	25	230	Vane	K33	Self 2000	¾" x 4m	Plated	O
256020	ST Viscomat 70 K33 M	25	230	Vane	K33	Self 2000	¾" x 4m	Boxed	O
265020	ST Viscomat 90 K600 M	45	230	Vane	K600	Self 2000	1" x 4m	Boxed	O
SUC02	2m Suction Hose Kit						1" x 2m		O

O
OIL

Piusi Viscomat Drum Pump Kit

› Complete oil transfer pump kit designed for dispensing oil directly from a drum

› Viscomat vane or gear pump depending upon model selected

› Nozzle, nozzle support & 4m delivery hose

› Telescopic suction down tube

› Quick coupling for easy drum connection & for moving from one drum to another

› Optional flow meter (mechanical for Viscomat 70 and digital for Viscomat 200/2)

› Viscosity up to 500cSt vane type / 50-2000cSt gear type (check oil viscosity at lowest temperature in use)

› Popular solution in agricultural, garage or workshop environments

PIUSI

26100A Model

25lpm

MAX FLOW RATE

AC

POWER

See **page 198** for viscosity table

INFORMATION

Code	Description	Max Flow Rate (lpm)	V	Rotor	Meter	Nozzle	Hose	Fluids
270000	Drum Viscomat 70 M	25	230	Vane		Self 3000	¾" x 4m	O
270010	Drum Viscomat 70 K33 M	25	230	Vane	K33	Self 3000	¾" x 4m	O
270000T	Drum Viscomat 70 M 110v	25	110	Vane		Self 3000	¾" x 4m	O
26100A	Drum Viscomat 200/2 M	9	230	Gear		Easyoil	½" x 4m	O
26200A	Drum Viscomat 200/2 K400 M	9	230	Gear	K400	Easyoil	½" x 4m	O

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

O
OIL

Piusi Viscotroll

25lpm

MAX FLOW RATE

AC/DC

POWER

See page 198 for viscosity table

INFORMATION

› Complete mobile kit fixed on a drum trolley for oil transfer in a garage or workshop environment

› Viscomat vane, AC or DC gear pump depending upon model

› Nozzle, nozzle support, drip collector, delivery & suction hose

› Optional flow meter

› Pressure switch models available for pump auto start/stop

› DC models c/w inbuilt battery & charger

› Viscosity up to 500cSt vane type / 50-2000cSt gear type (check oil viscosity at lowest temperature in use)

Code	Description	Max Flow Rate (lpm)	V	Rotor	Meter	Nozzle	Del Hose	Pressure Switch	Fluids
263000	Viscotroll 200/2	9	230	Gear		Easyoil	½" x 4m		O
263010	Viscotroll 200/2 – K400	9	230	Gear	K400	Easyoil	½" x 4m		O
263020	Viscotroll 200/2 – PST	9	230	Gear		Easyoil	½" x 4m	✓	O
263030	Viscotroll 200/2 – K400 PST	9	230	Gear	K400	Easyoil	½" x 4m	✓	O
263100	Viscotroll 70	25	230	Vane		Self 3000	¾" x 4m		O
263110	Viscotroll 70 – K33	25	230	Vane	K33	Self 3000	¾" x 4m		O
263110CTS	Viscotroll 70 – K33 110v	25	110	Vane	K33	Self 3000	¾" x 4m		O
263200	Viscotroll 120/1 - PST	6	12	Gear		Easyoil	½" x 4m	✓	O
263210	Viscotroll 120/1 – K400 PST	6	12	Gear	K400	Easyoil	½" x 4m	✓	O

IBC Kit

Top Suction Kit

Bottom Suction Kit

PIUSI

O
OIL

IBC Plated Pump & Suction Kits

Pump Kits

45lpm

MAX FLOW RATE

AC

POWER

See page 198 for viscosity table

INFORMATION

› Plated Viscomat oil pump designed specifically for dispensing oil directly from an IBC

› Nozzle, nozzle support & 4m delivery hose

› Mechanical or digital flow meter (depending on model)

› Choice of either bottom or top suction kit depending upon the individual IBC connection

› Check oil viscosity at lowest temperature in use

Suction Kits

› Bottom suction kit – 60 x 6 Buttress to 1" CAM male, 2m suction hose, non-return valve & ½" Y strainer

› Top suction kit – 2m x 1" suction hose, non-return valve & basket strainer

Code	Description	Max Flow Rate (lpm)	V	Rotor	Nozzle	Del Hose	Meter	Fluids
CTS2018	Viscomat 70 K33 M IBC	25	230	Vane	Self 3000	1" x 4m	K33	O
CTS2019	Viscomat 90 K33 M IBC	45	230	Vane	Self 3000	1" x 4m	K33	O
CTS2048	Viscomat Flowmat K400 M IBC	9	230	Gear	Easyoil	½ x 4m	K400	O
SUC01	Bottom Suction Kit							O D
SUC02	Top Suction Kit							O D

Piusi Air Operated Diaphragm Pump

O OIL **D** DIESEL **HVO & GTL**

› Self priming single membrane air operated diaphragm pump with aluminium or polypropylene body

› Ideal for transferring oil in garage & workshop environments where there is an existing air line

› NBR diaphragm, balls & 'o'rings (other materials on request)

› Can run dry without damage

› ATEX approved to Zone 2

› Waste oil with soft solids of 4mm. For larger solids, additional filtration will be required

220lpm
MAX FLOW RATE

Air
POWER

Code	Description	Max Flow Rate (lpm)	Inlet/Outlet	Air Inlet	Ball Seats	Self Priming (m)	Max Head (m)	Max Air Supply (bar)	Fluids
F00208A00	MA130 AOD Oil Alu	50	½" F BSP	⅜" F BSP	Aluminium	5	70	7	O D H&G
F00208P10	MA140 AOD Oil PP	100	1" F BSP	⅜" F BSP	Polypropylene	6	70	7	O D H&G
F00208A10	MA180 AOD Oil Alu	150	1" F BSP	⅜" F BSP	PPS-V	5	70	7	O D H&G
F00208A20	MA190 AOD Oil Alu	220	1 ¼" F BSP	½" F BSP	PPS-V	6	70	7	O D H&G

On request we can provide membranes, valls, ball seats & 'o' rings in different materials

Flexible Impeller Oil Pump

O OIL

› Multi-purpose flexible impeller utility pump for non-corrosive fluids e.g. motor oil, vegetable oil, transformer oil & cooling lubricants

› For contaminated fluids with soft particles (not abrasive solids)

› Dry self-priming up to 3m, wet prime up to 7m (fluid dependent)

› Max temp +60°C, Max viscosity 4000cSt (check at lowest temp)

› IP55 motor, Aluminium pump head, NBR impeller & Viton seals

› Not for use with nozzle

› Reversible option for decanting oils between transformers (POA)

60lpm
MAX FLOW RATE

AC
POWER

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Pressure (bar/psi)	Ports	Fluids
CTS2156	Flexible Impeller Pump 230v	✓	60	230	50	4.1	550	3/44	1" M BSP	O

Oil Lifter

D DIESEL **K** KEROSENE **HVO & GTL**

› Designed for domestic heating oil applications when a higher than normal lift is required

› Sucks up oil & stores in the 3.5l reservoir that feeds the boiler

› Internal suction solenoid pump ensures continuous oil supply to the heating system

› Diagnostic flashing LED to alert of a warning situation

› Max lifting height & distance is based upon using 8m ID tube

› If fitted inside a building, the drip tray c/w leak detector is required

› **Questionnaire available for more complex installations**

8m
MAX LIFT

100m
MAX DISTANCE

Code	Description	V	Reservoir (l)	Max Lift (m)	Max Distance (m)	Outlet Flow (lph)	Inlet/Outlet	Overflow Outlet	Fluids
FC6808000	Oil Lifter	230	3.5	8	100	8 @ 8m Lift	⅜" F BSP	½" F BSP	D K H&G
FC6800232A	Drip Tray c/w Leak Detector								D K H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

"Pro + Silent" oil transfer with the Piusi air operated pump range

FEATURED

175mm pipe

940mm pipe

PIUSI

21.5lpm
MAX FLOW RATE

Air
POWER

See pages 30-31 for kits
RELATED PRODUCTS

Piusi Air Operated Oil Pumps

The Piusi "Pro + Silent" air operated oil pump range is part of their growing offering to the oil & lubrication market. The design of these pumps has been specially considered to ensure high performance and durability in garage and workshop environments.

There are 3:1 and 5:1 ratio models, both available in stub & long length for mounting to a wall or an oil drum:

3:1 – For pumping medium viscosity oils over short/medium distances

5:1 – For pumping medium to high viscosity oils over medium/long distances

Features...

›	3.5:1 & 5.5:1 compression ratio air operated oil transfer pumps
›	Low operating noise & sound proof protective structure limiting noise to 77dB
›	Pneumatic exchanger & three-stage air discharging system
›	Double effect guarantees enhanced efficiency & reduced air consumption
›	Absence of reciprocating mechanical parts that are subject to wearing ensures long working life
›	Supplied with 2" BSP bung adaptor to ensure stable mounting on oil drums or wall bracket
›	Polyurethane internal seals
›	Viscosity up to 550cSt (3:1) and 800cSt (5:1) - check oil viscosity at lowest temperature in use
›	Available in stub (175mm) & long length (940mm) depending upon the installation requirements
›	A range of optional accessories are available to go alongside the pumps (see left)

Accessories...

Drip Tray
F19979000

Suction Pipe
385mm **F199750005**
555mm **F19976000**
765mm **F19977000**
955mm **F19978000**

Kit suction pipe
F19972000

Oil hose
2m F/F 1/2 **F19973000**
5m M/F 1/2 **F19974000**

Drum Trolley
60 Kg Drum **F19965000**
200 Kg Drum **F19966000**

Code	Description	Ratio	Max Flow Rate (lpm)	Suction Pipe Length (mm)	Air Pressure (bar)	Air Consumption (lpm)	Air Inlet	Outlet	Fluids
F0021400A	Piusi 3:1 Air Oil Pump 175mm	3.5:1	21.5	175	3-8	200-250	¼" F	½" M BSP	O
F0021402A	Piusi 3:1 Air Oil Pump 940mm	3.5:1	21.5	940	3-8	200-250	¼" F	½" M BSP	O
F0021401A	Piusi 5:1 Air Oil Pump 175mm	5.5:1	15.5	175	3-8	200-250	¼" F	½" M BSP	O
F0021403A	Piusi 5:1 Air Oil Pump 940mm	5.5:1	15.5	940	3-8	200-250	¼" F	½" M BSP	O

Sidebar navigation: PUMPS, FMS, METERS, HOSES, NOZZLES, ALARMS, GAUGES, FILTERS, FILL & VENT, VALVES, FITTINGS, TOOLS

Piusi Air Operated Oil Pump Kit

› 3:1 or 5:1 air operated oil pump in a kit assembly for easy mounting onto a drum

› K400 flexi spout nozzle c/w integrated digital flow meter

› 5m x ½" oil dispensing hose

› 2" BSP bung adaptor designed to fit pump to a 205ltr drum

21.5lpm
MAX FLOW RATE

Air
POWER

Code	Description	Ratio	Max Flow Rate (lpm)	Suction Pipe (mm)	Air Pressure	Air Consumption (lpm)	Air Inlet	Fluids
CTS2100	Piusi 3.5:1 Air Oil Pump Drum Kit	3.5:1	21.5	940	3-8 bar	200-250	¼" F	O
CTS2101	Piusi 5.5:1 Air Oil Pump Drum Kit	5.5:1	15.5	940	3-8 bar	200-250	¼" F	O

Piusi Air Operated Oil Pump Kit c/w Reel

› 3:1 or 5:1 air operated oil pump in a drum kit assembly

› K400 flexi spout nozzle c/w integrated digital flow meter

› Available with open (15m hose) or closed (12m hose) reels

› 2m x ½" oil hose to connect pump to reel

› Drip tray

› 2" BSP bung adaptor designed to fit pump to a 205ltr drum

21.5lpm
MAX FLOW RATE

Air
POWER

Code	Description	Ratio	Max Flow (lpm)	Suction Pipe (mm)	Air Pressure	Air Consumption (lpm)	Air Inlet	Hose Reel	Fluids
CTS2102	Piusi 3.5:1 Drum Kit Open 15m	3.5:1	21.5	940	3-8 bar	200-250	¼" F	Open 15m Hose	O
CTS2103	Piusi 3.5:1 Drum Kit Closed 12m	3.5:1	21.5	940	3-8 bar	200-250	¼" F	Closed 12m Hose	O
CTS2104	Piusi 5.5:1 Drum Kit Open 15m	5.5:1	15.5	940	3-8 bar	200-250	¼" F	Open 15m Hose	O
CTS2105	Piusi 5.5:1 Drum Kit Closed 12m	5.5:1	15.5	940	3-8 bar	200-250	¼" F	Closed 12m Hose	O

Piusi Air Operated Oil Pump Wall Kit

› 3:1 or 5:1 air operated wall mounted oil pump & drum assembly

› K400 flexi spout nozzle c/w integrated digital flow meter

› Available with open (15m hose) or closed (12m hose) reels

› 2m x ½" oil hose to connect pump to reel

› Drip tray

› Drum suction kit including suction hose, 2" bung adaptor & downtube

21.5lpm
MAX FLOW RATE

Air
POWER

Code	Description	Ratio	Max Flow (lpm)	Air Pressure	Air Consumption (lpm)	Air Inlet	Hose Reel	Drum Suction Kit	Fluids
CTS2106	Piusi 3.5:1 Wall Kit Open 15m	3.5:1	21.5	3-8 bar	200-250	¼" F	Open 15m Hose	✓	O
CTS2107	Piusi 3.5:1 Wall Kit Closed 12m	3.5:1	21.5	3-8 bar	200-250	¼" F	Closed 12m Hose	✓	O
CTS2108	Piusi 5.5:1 Wall Kit Open 15m	5.5:1	15.5	3-8 bar	200-250	¼" F	Open 15m Hose	✓	O
CTS2109	Piusi 5.5:1 Wall Kit Closed 12m	5.5:1	15.5	3-8 bar	200-250	¼" F	Closed 12m Hose	✓	O

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

21.5lpm

MAX FLOW RATE

Air

POWER

0 OIL

Piusi Air Operated Oil Pump Mobile 60l Kit

› 3:1 or 5:1 air operated oil pump in a drum kit assemnbly

› c/w trolley for easy manoeuvring of pump around the workshop

› K400 flexi spout nozzle c/w integrated digital flow meter

› 2m x ½" oil dispensing hose

› 2" BSP bung adaptor & 555mm extension tube to fit pump to a 60ltr drum

Code	Description	Ratio	Max Flow (lpm)	Suction Pipe (mm)	Air Pressure	Air Consumption (lpm)	Air Inlet	Fluids
CTS2110	Piusi 3.5:1 Mobile Kit 60ltr	3.5:1	21.5	175 (+555mm extension)	3-8 bar	200-250	¼" F	O
CTS2111	Piusi 5.5:1 Mobile Kit 60ltr	5.5:1	15.5	175 (+555mm extension)	3-8 bar	200-250	¼" F	O

PIUSI

21.5lpm

MAX FLOW RATE

Air

POWER

0 OIL

Piusi Air Operated Oil Pump Mobile 205l Kit

› 3:1 or 5:1 air operated oil pump in a drum kit assembly

› c/w trolley for easy manoeuvring of pump around the workshop

› K400 flexi spout nozzle c/w integrated digital flow meter

› 5m x ½" oil dispensing hose

› 2" BSP bung adaptor designed to fit pump to a 205ltr drum

Code	Description	Ratio	Max Flow (lpm)	Suction Pipe (mm)	Air Pressure	Air Consumption (lpm)	Air Inlet	Fluids
CTS2112	Piusi 3.5:1 Mobile Kit 205ltr	3.5:1	21.5	940	3-8 bar	200-250	¼" F	O
CTS2113	Piusi 5.5:1 Mobile Kit 205ltr	5.5:1	15.5	940	3-8 bar	200-250	¼" F	O

PIUSI

21.5lpm

MAX FLOW RATE

Air

POWER

0 OIL

Piusi Air Operated Oil Pump Mobile Kit c/w Reel

› 3:1 or 5:1 air operated oil pump in a drum kit assembly

› c/w trolley for easy manoeuvring of pump around the workshop

› K400 flexi spout nozzle c/w integrated digital flow meter

› Available with open (15m hose) or closed (12m hose) reels

› 2m x ½" oil hose to connect pump to reel

› 2" BSP bung adaptor designed to fit pump to a 205ltr drum

Code	Description	Ratio	Max Flow (lpm)	Suction Pipe (mm)	Air Pressure	Air Consumption (lpm)	Air Inlet	Hose Reel	Fluids
CTS2114	Piusi 3.5:1 Mobile Kit Open 15m	3.5:1	21.5	940	3-8 bar	200-250	¼" F	Open 15m Hose	O
CTS2115	Piusi 3.5:1 Mobile Kit Closed 12m	3.5:1	21.5	940	3-8 bar	200-250	¼" F	Closed 12m Hose	O
CTS2116	Piusi 5.5:1 Mobile Kit Open 15m	5.5:1	15.5	940	3-8 bar	200-250	¼" F	Open 15m Hose	O
CTS2117	Piusi 5.5:1 Mobile Kit Closed 12m	5.5:1	15.5	940	3-8 bar	200-250	¼" F	Closed 12m Hose	O

Efficient grease transfer with the
P60:1 Booster air operated pump range

Piusi Air Operated Grease Pumps

PIUSI

The Piusi "P60:1 Booster" air operated grease pump range is part of their growing offering to the lubrication market. Their design has been specially considered to ensure high performance and durability in heavy duty garage and workshop environments.

There are three models available; all designed for pumping grease and high viscosity oils at high pressures, over both short and long distances thanks to the high compression ratio.

470mm – For 12.5kg drums

730mm – For 50kg drums

940mm – For 180kg drums

60:1
RATIO

AIR
POWER

See page 33 for kits
RELATED PRODUCTS

470mm pipe

940mm pipe

Features...

›	60:1 ratio air operated grease transfer pumps
›	Low operating noise & sound proof protective structure limiting noise to 77dB
›	Pneumatic exchanger & three-stage air discharging system
›	Double effect guarantees enhanced efficiency & reduced air consumption
›	Absence of reciprocating mechanical parts that are subject to wearing ensures long working life
›	Polyurethene internal seals
›	Available with different length suction pipes depending upon the drum size the pump is to be used with
›	A range of optional accessories including drum covers and follower plates are available (see right)
›	Recommended kind of grease: NLGl0 - NLG1
›	Maximum pumpable viscosity NLG2

Accessories...

Drum Cover
12.5Kg Ø 285mm **F20792000**
50Kg Ø 385mm **F20598000**
180Kg Ø 610mm **F20606000**

Follower Plate
12.5Kg Ø 270mm **F20793000**
50Kg Ø 370mm **F20599000**
180Kg Ø 690mm **F20607000**

Drum Trolley
12.5Kg 2 wheels **F20595000**
50Kg 4 wheels **F19965000**
180Kg 4 wheels **F19966000**

Grease Gun
F20605000

Grease Hose
2m M/F ¼" **F20600000**
4m M/F ¼" **F20601000**
6m M/F ¼" **F20602000**

Code	Description	Ratio	Suction Pipe Length (mm)	Air Pressure (bar)	Air Consumption (lpm)	Air Inlet	Outlet	For Drum Size	Fluids
F00216050	Piusi P60:1 Air Grease Pump 470mm	60:1	470	4-8	130-160	¼" F BSP	¼" M BSP	12.5kg	GR
F00216060	Piusi P60:1 Air Grease Pump 730mm	60:1	730	4-8	130-160	¼" F BSP	¼" M BSP	50kg	GR
F00216070	Piusi P60:1 Air Grease Pump 940mm	60:1	940	4-8	130-160	¼" F BSP	¼" M BSP	180kg	GR

PUMPS / FMS / METERS / HOSES / NOZZLES / ALARMS / GAUGES / FILTERS / FILL & VENT / VALVES / FITTINGS / TOOLS

PIUSI

GR GREASE

Piusi Air Operated Grease Pump Kit

60:1 RATIO

Air POWER

› P60:1 Booster air operated grease pump in a ready to dispense drum kit assembly

› 4m delivery hose

› Grease gun c/w straight swivel

› 285mm drum cover with grease gun support & 270mm follower plate

› Kit specifically designed for a 12.5kg drum

Code	Description	Ratio	Max Air Supply (bar)	Outlet	Air Inlet	Air Consumption (lpm)	For Drum Size	Fluids
CTS3001	Piusi P60:1 Grease Pump Kit	60:1	8	¼" M BSP	¼" F BSP	130-160	12.5kg	GR

PIUSI

GR GREASE

Piusi Mobile Air Operated Grease Pump Kit

60:1 RATIO

Air POWER

› P60:1 Booster air operated grease pump in a mobile drum kit assembly

› 2 wheeled (12.5kg) & 4 wheeled (50kg) drum trolley for easy manoeuvring of pump around the workshop

› 4m delivery hose & grease gun c/w straight swivel

› Drum cover with grease gun support - 285mm (12.5kg) or 385mm (50kg)

› Follower plate - 270mm (12.5kg) or 370mm (50kg)

Code	Description	Ratio	Max Air Supply (bar)	Outlet	Air Inlet	Air Consumption (lpm)	For Drum Size	Fluids
CTS3002	Piusi P60:1 Mobile Grease Pump Kit 12.5kg	60:1	8	¼" M BSP	¼" F BSP	130-160	12.5kg	GR
CTS3003	Piusi P60:1 Mobile Grease Pump Kit 50kg	60:1	8	¼" M BSP	¼" F BSP	130-160	50kg	GR

PIUSI

GR GREASE **O** OIL

Bucket Lever Hand Pumps

40g per stroke MAX FLOW RATE

16kg CAPACITY

Grease Version

› Lever hand bucket pump fitted with a 16kg capacity container that can be filled from a larger drum, with lid to prevent contamination

› Designed for the cost effective dispensing of small quantities of grease or oil (depending upon version)

› Integrated carry handle for easy mobility around the workshop

› 2m delivery hose & suction downtube

› Grease version c/w follower plate, 4 jaw connector and ball valve to prevent leaking when not in use

› Foot plate for keeping the pail sturdy whilst operating the pump

Code	Description	Max Flow Rate (per stroke)	Capacity	Hose	Downtube	Fluids
F0033215A	Lever Hand Grease Bucket Pump	40g	16kg	2m c/w 4 Jaw Connector	✓	GR
F0033216A	Lever Hand Oil Bucket Pump	40g	16kg	2m c/w Spout	✓	O *

*Suitable for oil up to SAE 40.

AB
ADBLUE®

Suzzara Blue AC Pump Only

› Industry leading self priming 5 chamber membrane pump designed specifically for the handling of AdBlue®

› Mains powered for fixed pumping installations, seen on many bulk AdBlue® tanks

› Integrated bypass valve

› No dynamic shaft seal present to prevent the chance of leaking

› 2m cable with UK plug (110v and timer version without)

› Protection grade: IP55

› Version with or without protected on/off switch

› Version with timer that switches the pump off after 6 minutes of running to prevent damage to the pump if accidentally left on

› Uses custom designed 'o' ring sealed plastic fittings

› Duty cycle: 20mins

PIUSI

34lpm
MAX FLOW RATE

AC
POWER

Code	Description	On/Off Switch	Timer	Max Flow Rate (lpm)	V	Hz	Amps	Watts	Ports	Fluids
F00203050	Suzzara Blue Membrane Pump 230v c/w Switch	✓		34	230	50	1.95	400	1" M BSP & ¾" Hose Tail	AB W
F00203040	Suzzara Blue Membrane Pump 230v			34	230	50	1.95	400	1" M BSP & ¾" Hose Tail	AB W
F00203200	Suzzara Blue Membrane Pump 230v c/w Timer	✓	✓	34	230	50	1.95	400	1" M BSP & ¾" Hose Tail	AB W
F00203070	Suzzara Blue Membrane Pump 110v c/w Switch	✓		28	110	50/60	1.95	400	1" M BSP & ¾" Hose Tail	AB W

AB
ADBLUE®

Suzzara Blue DC Pump Only

› Industry leading self priming 5 chamber membrane pump designed specifically for the handling of AdBlue®

› Low voltage for the mobile transfer of AdBlue® where no mains power is available

› Integrated bypass valve

› No dynamic shaft seal present to prevent the chance of leaking

› 2m cable & clips for connection to a battery

› Protection grade: IP55

› Protected on/off switch

› Uses custom designed 'o' ring sealed plastic fittings

› Duty cycle: 20mins

› Carry handle available as an option for enhanced portability

PIUSI

34lpm
MAX FLOW RATE

DC
POWER

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Watts	Ports	Fluids
F00204080	Suzzara Blue Membrane Pump 12v	✓	34	12	22	260	1" M BSP & ¾" Hose Tail	AB W
F00204090	Suzzara Blue Membrane Pump 24v	✓	34	24	13	310	1" M BSP & ¾" Hose Tail	AB W
R16175010	Carry Handle							

The New & Improved Suzzara Blue 3 AdBlue® IBC Kits from Piusi with Four FREE New Features

FEATURED

PIUSI

32lpm

MAX FLOW RATE

Mains/Battery

POWER

Suzzara Blue 3 Pro & Basic AdBlue® IBC Pump Kits

The Piusi Suzzara Blue IBC AdBlue® Pump Kits have been a leading, ready to dispense solution since 2006 and to remain competitive within the AdBlue® industry, Piusi have recently redesigned these pump kits to provide additional benefits to differentiate themselves from other offerings on the market! And this is where the traditional Suzzara Blue becomes the new and improved Suzzara Blue 3 range.

Whilst the actual components remain the same Piusi quality we know and love, new features and a more robust design are just a few of the changes made to the traditional Piusi Suzzara Blue pump kits.

Versions available:

› **BASIC -** Self-priming electric AdBlue® pump available in 230v, 110v, 12v and 24v. c/w a choice of nozzle; manual, plastic auto or stainless steel auto. 6m delivery hose and a 1.5m suction hose.

› **PRO -** Self-priming electric AdBlue® pump available in 230v, 110v, 12v and 24v. c/w automatic nozzle, 6m delivery hose and a 1.5m suction hose, and in addition to the above basic kit, a K24 AdBlue® flow meter.

Now with Four FREE New Features to Benefit from...

1	**Robust and sturdy roll bar enclosure** A shock-resistant technopolymer roll bar around the plate to protect the equipment from potential damage caused by accidental impact.
2	**Locking bracket for sturdy IBC connection** Ensures the pump kit cannot be easily pulled off or damaged if the driver forcefully pulls on the hose or accidentally knocks it.
3	**Large practical hose holder** You can now roll and secure the hose around the kit to keep the hose neatly in place, preventing it from being accidentally stood on or driven over.
4	**Nozzle holster with removable drip cup** With crystallisation a problem for AdBlue® residue left to drip from the spout into the holster, the new kits c/w a removable drip cup to make it easy to get out and clean.

1 ROLL BAR ENCLOSURE

2 LOCKING BRACKET

3 LARGE HOSE HOLDER

4 NOZZLE HOLSTER & DRIP CUP

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

AB
ADBLUE®

Suzzara Blue 3 Basic IBC Pump Kit

› Self priming Suzzara Blue membrane pump on a robust stainless steel plate for easy mounting & moving from one IBC to another

› Ready to use kit for the dispensing of AdBlue® from an IBC

› **NEW** Locking bracket for a sturdy connection to the IBC

› **NEW** Robust, shock-resistant roll bar enclosure for extra protection

› **NEW** Hose with large and practical integrated holder

› **NEW** Nozzle holster with removable drip cup for easy cleaning

› Basic kit is available in a range of voltages and c/w a choice of nozzle - manual, stainless auto nozzle or plastic auto nozzle

› 2m or 4m cable & clips for battery connection

› 6m delivery, 1.5m suction hose & SEC connector

› Protection grade: IP55

› Duty cycle: 20mins

PIUSI

NEW & IMPROVED

32lpm

MAX FLOW RATE

AC/DC

POWER

Version with Manual Nozzle

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Nozzle	Hose	Cable	Fluids
F00101370	Suzzara Blue 3 Basic M 230v	✓	32	230	Manual	6m del, 1.5m suct		AB
F00101540	Suzzara Blue 3 Basic Stainless A 230v	✓	32	230	Auto	6m del, 1.5m suct		AB
F00101410	Suzzara Blue 3 Basic Plastic A 230v	✓	32	230	Auto	6m del, 1.5m suct		AB
F00201ABM	Suzzara Blue 3 Basic M 110v	✓	32	110	Manual	6m del, 1.5m suct		AB
F00201A90	Suzzara Blue 3 Basic M 12v 2m Cables	✓	32	12	Manual	6m del, 1.5m suct	2m	AB
F00201A94	Suzzara Blue 3 Basic M 12v 4m Cables	✓	32	12	Manual	6m del, 1.5m suct	4m	AB
F00201A92	Suzzara Blue 3 Basic M 24v 2m Cables	✓	32	24	Manual	6m del, 1.5m suct	2m	AB
F00201A924	Suzzara Blue 3 Basic M 24v 4m Cables	✓	32	24	Manual	6m del, 1.5m suct	4m	AB

AB
ADBLUE®

Suzzara Blue 3 Pro IBC Pump Kit

› Self priming Suzzara Blue membrane pump on a robust stainless steel plate for easy mounting & moving from one IBC to another

› Ready to use kit for the dispensing of AdBlue® from an IBC

› **NEW** Locking bracket for a sturdy connection to the IBC

› **NEW** Robust, shock-resistant roll bar enclosure for extra protection

› **NEW** Hose with large and practical integrated holder

› **NEW** Nozzle holster with removable drip cup for easy cleaning

› Pro kit is available in a range of voltages and c/w automatic nozzle & K24 AdBlue® flow meter

› 2m cable & clips for battery connection

› 6m delivery, 1.5m suction hose & SEC connector

› Protection grade: IP55

› Duty cycle: 20mins

PIUSI

NEW & IMPROVED

32lpm

MAX FLOW RATE

AC/DC

POWER

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Meter	Nozzle	Hose	Cable	Fluids
F0010134A	Suzzara Blue 3 Pro A K24 230v	✓	32	230	K24	Auto	6m del, 1.5m suct		AB
F00201ABA	Suzzara Blue 3 Pro A K24 110v	✓	32	110	K24	Auto	6m del, 1.5m suct		AB
F00201A80	Suzzara Blue 3 Pro A K24 12v 2m Cables	✓	32	12	K24	Auto	6m del, 1.5m suct	2m	AB
F00201A824	Suzzara Blue 3 Pro A K24 24v 2m Cables	✓	32	24	K24	Auto	6m del, 1.5m suct	2m	AB

PIUSI

32lpm

MAX FLOW RATE

AC

POWER

AB ADBLUE®

Suzzara Blue 3 Pure Pro IBC Pump Kit

› Self priming AC Suzzara Blue membrane pump as part of a deluxe, high spec kit for the dispensing of AdBlue® from an IBC

› Stainless steel plate with robust technopolymer rolls bars for protecting the pump against impact

› Locking bracket for study mounting of the kit to the IBC

› SB325_X auto nozzle c/w integrated K24 meter and breakaway spout, which detaches if the vehicle being refilled drives away preventing the pump from being pulled with it

› Version with magnetic spout nozzle to prevent the miss-filling of AdBlue® into the diesel tank

› 6m EPDM delivery hose c/w stainless steel crimps, 1.5m suction hose & SEC connector

› High capacity hose holder for neat storage of the delivery hose, and nozzle holster with removable drip cup for easy cleaning

› AdBlue® long life 200µ filter for removing any impurities

› Protection grade: IP55

› Duty cycle: 20 mins

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Filter	Nozzle	Spout	Hose	Fluids
F0010113A	Suzzara Blue 3 Pure Pro	✓	32	230	✓	SB325_X Meter	Standard	6m del, 1.5m suct	AB
F00101040M	Suzzara Blue 3 Pure Pro Magnetic	✓	32	230	✓	SB325_X Meter	Magnetic	6m del, 1.5m suct	AB
F0010100A	Suzzara Blue 3 Pure Pro Separate K24	✓	32	230	✓	SB325_X	Standard	6m del, 1.5m suct	AB

PIUSI

32lpm

MAX FLOW RATE

AC

POWER

AB ADBLUE®

Suzzara Blue Wall Box

› Self priming AC Suzzara Blue membrane pump as part of a complete kit for dispensing AdBlue® from a bulk storage tank or an IBC

› Kit comes in a compact and sturdy locking box for security against unauthorised users and protection of the components from tampering

› Can be mounted on a wall, onto the side of a tank or inside the cabinet or the side of an IBC

› Auto nozzle c/w holster secured inside the box when closed so that it is only accessible to key holders

› 4m delivery hose with hook for its neat storage

› K24 digital flow meter

› Protection grade: IP55

› Duty cycle: 20 mins

› **Please note: Suction hose is not included**

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Meter	Nozzle	Hose	Fluids
F0020196A	Suzzara Blue Wall Box	✓	32	230	K24	Auto	4m delivery	AB

AB ADBLUE®

Manual Piston IBC Hand Pump Kit

› Self priming piston hand pump designed as a cost effective solution for dispensing AdBlue® from an IBC

› Powder coated mild steel plate with locking back bar for easy mounting & moving between IBCs

› Swivelling 90° spout with self closing reed valve to prevent the mess of dripping

› 2.2m delivery, 1.8m suction hose & SEC connector

› Integrated pump locking nut

330ml per stroke
MAX FLOW RATE

IBC
MOUNTING

Code	Description	Max Flow Rate (per stroke)	Nozzle	Hose	Fluids
CTS2034	Manual Piston IBC Hand Pump Kit	330ml	19mm OD Spout	2.2m del, 1.8m suct	AB

AB ADBLUE®

Premium Rotary IBC Hand Pump Kit

› Self priming rotary hand pump with stainless steel outer casing on an IBC bracket for easy mounting & moving between IBCs

› Sturdy & durable solution for dispensing AdBlue® from an IBC

› Suitable for fitting to lower IBC bars when the IBC is on a bund

› Fits both round & squared bar IBCs to meet all requirements

› Smooth operation thanks to its rolling handle grip & quality internals

› 3m delivery hose & swivel spout with on/off valve to close off the hose when delivery has finished to prevent dripping

› SEC connector & 2m suction hose

380ml per rev
MAX FLOW RATE

IBC
MOUNTING

Code	Description	Max Flow Rate (per rev)	Nozzle	Hose	IBC Bracket	Fluids
CTS1027	Premium AdBlue® Rotary IBC Hand Pump Kit	380ml	Spout	3m del, 2m suct	Stainless Steel	AB

AB ADBLUE®

Air Operated AdBlue® Pump

› 2:1 ratio air operated AdBlue® pump c/w air regulator valve with clock face

› Ideal for transferring AdBlue® in garage, workshops & remote locations using an existing air line

› IBC Version c/w truck emergency air brake connector to utilise truck air system

› Available as pump only or part of a drum, wall or IBC mount kit with nozzle & hose

22lpm
MAX FLOW RATE

Air
TYPE

IBC Version

Code	Description	Flow Rate (lpm)	Inlet	Outlet	Air Inlet	Max Inlet Pressure (bar)	Nozzle	Hose	Fluids
CTS9012	Air AdBlue® Pump Only	22 @ 3 bar	1" F BSP	19mm Barb	¼" F BSP	12			AB
CTS9011	Air AdBlue® Pump – Wall	22 @ 3 bar	SEC	19mm Barb	¼" F BSP	12	Manual	4m del, 2m suct	AB
CTS9010	Air AdBlue® Pump – Drum	22 @ 3 bar	2" Drum	19mm Barb	¼" F BSP	12	Manual	4m del, downtube	AB
CTS2053	Air AdBlue® Pump – IBC	22 @ 3 bar	SEC	19mm Barb	¼" F BSP	12	Manual	6m del, 1.5m suct	AB

PIUSI

AB ADBLUE®

Suzzara Blue Portable Pump Kit

32lpm
MAX FLOW RATE

DC
POWER

› Self priming DC Suzzara Blue membrane pump available as a portable, ready to dispense kit

› Designed for portable dispensing from AdBlue® drums and IBCs thanks to not requiring mains power

› Manual nozzle & 6m delivery, 1.5m suction hose

› Plastic foot valve and strainer

› 2m cables & clips for battery connection

› Protection grade: IP55

› Popular within agricultural & construction environments

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Nozzle	Hose	Fluids
F00201AA0	Suzzara Blue Portable Kit	✓	32	12	Manual	6m del, 1.5m suct	AB

PIUSI

AB ADBLUE®

Piusibox AdBlue®

32lpm
MAX FLOW RATE

DC
POWER

› Suzzara Blue DC pump as a portable pumping solution in a sturdy pull along box c/w wheels

› Automatic SB325_X nozzle c/w breakaway spout mechanism & miss-filling kit

› 6m delivery hose & 2m suction hose with SEC connector

› Gloves & AdBlue® long life 3D filter for removing any impurities

› Terminal box with on/off switch & 4m cables & clips

› Ideal for heavy duty environments thanks to its protective box preventing contamination e.g. construction sites & agriculture

Code	Description	Max Flow Rate (lpm)	V	Amps	Nozzle	Hose	Filter	Fluids
F00204060	Piusibox for AdBlue®	32	24	13	SB325_X Auto	6m del & 2m suct	✓	AB

PIUSI

AB ADBLUE®

DC Drum Pump Kit

32lpm
MAX FLOW RATE

DC
POWER

› Self priming DC Suzzara Blue membrane pump c/w 2m cable & clips for mobile refilling

› Ready to dispense kit designed to be easily disconnected and moved between AdBlue® drums

› Manual nozzle

› 4m delivery hose, 905mm suction tube c/w strainer

› 2" 56x4 drum adaptor

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Nozzle	Hose	Fluids
CTS2007	AdBlue® Drum Pump Kit 12v	✓	32	12	Manual	4m del, 905mm downtube	AB
CTS2008	AdBlue® Drum Pump Kit 24v	✓	32	24	Manual	4m del, 905mm downtube	AB

AB ADBLUE®

Suzzara Blue Drum

› Self priming AC Suzzara Blue membrane pump on a spring loaded stainless steel plate designed for top mounting onto a drum

› Ready to dispense kit designed to be easily disconnected and moved between AdBlue® drums

› Manual nozzle c/w anti-drip nozzle holster

› 6m delivery hose & suction hose

› AF2 Trisure connector with suction filter & breathing system to allow air to enter the drum during suction c/w 3 part downtube

32lpm
MAX FLOW RATE

AC
POWER

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Nozzle	Hose	Fluids
F0020135A	Suzzara Blue Drum	✓	32	230	Manual	6m del	AB

AB ADBLUE®

Suzzara Blue Troll

› Self priming AC Suzzara Blue membrane pump on stainless steel plate, with locking bracket for secure mounting onto the trolley

› Ready to dispense portable kit designed to easily disconnect and move with the AdBlue® drum to the dispensing point

› Robust and sturdy roll bar enclosure to protect against impacts

› Manual nozzle c/w removable drip cup for easy cleaning

› 6m delivery hose & suction hose

› AF2 Trisure connector with suction filter & breathing system to allow air to enter the drum during suction c/w 3 part downtube

32lpm
MAX FLOW RATE

AC
POWER

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Nozzle	Hose	Heavy Duty Trolley	Fluids
F00201360	Suzzara Blue Troll 230v	✓	32	230	Manual	6m del	✓	AB
F00201361	Suzzara Blue Troll 110v	✓	32	110	Manual	6m del	✓	AB

AB ADBLUE®

Piusi Flipper Car Dispenser

NEW

› Self priming AC Suzzara Blue membrane pump mounted onto a trolley specifically for refilling passenger cars with AdBlue®

› Ready to dispense portable kit designed to easily disconnect and move with the AdBlue® drum to the dispensing point

› 230v AdBlue® pump with 4m cable for easy use in the workshop

› Automatic SB325_X car nozzle meter with shorter spout & K24

› AdBlue® long life 200μ filter for removing any impurities

› AF2 Trisure connector with suction filter & breathing system to allow air to enter the drum during suction c/w 3 part downtube

› Compatible with all passenger cars with ISO22241:5 filling points

10lpm*
MAX FLOW RATE

AC
POWER

Code	Description	On/Off Switch	Flow Rate (lpm)	V	Nozzle	Hose	Filter	Trolley	Fluids
F00100C00	Piusi Flipper AdBlue® Car Dispenser	✓	3.5-10*	230	Auto SB325_X Meter	2.2m del	✓	✓	AB

*Automatic shut-off at 3.5lpm

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Version c/w Hose
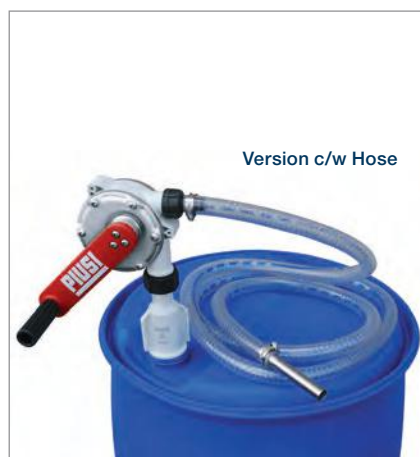
PIUSI

380ml per rev

MAX FLOW RATE

56x4 M

MOUNTING

AB ADBLUE®

Piusi Premium Rotary Hand Pump

› Self priming rotary hand pump with stainless steel casing for reliability & durability when dispensing AdBlue® from 205l drums

› Smooth operation thanks to its rolling handle grip & quality internals

› 56x4 drum connector & 3 part suction downpipe

› Grooved locking mechanism on pump inlet & drum connector to stop it spinning on the drum whilst in operation

› Version with 2.5m delivery hose & stainless spout available

› Spout stopper to prevent the gathering of crystallisation (hose version only)

Code	Description	Max Flow Rate (per rev)	Spout	Delivery Hose	Downtube	Fluids
F00332A20	Premium AdBlue® Rotary Hand Pump c/w Hose	380ml	19mm Stainless Spout	2.5m	✓	AB
F00332A00	Premium AdBlue® Rotary Hand Pump	380ml			✓	AB

Version c/w Hose

330ml per stroke

MAX FLOW RATE

2" M BSP / 56x4

MOUNTING

AB ADBLUE®

Manual Piston Hand Pump

› Polypropylene piston hand pump c/w viton seals

› Cost effective dispensing of AdBlue® from drums up to 205 litres

› 2" M BSP or 56x4 Tri-sure® drum adaptor

› Telescopic downtube 510mm-920mm

› Option with 2m delivery hose & spout

› **See page 182 for alternative drum adaptors**

Code	Description	Max Flow Rate (per stroke)	Spout	Delivery Hose	Drum Adaptor	Downtube	Fluids
CTS2037	AdBlue® Piston Hand Pump c/w Hose	330ml	19mm Spout & Hook	2m	56x4 Tri-sure®	510-920mm	AB
CTS2020	AdBlue® Piston Hand Pump	330ml	19mm Spout		2" M BSP	510-920mm	AB D

16lpm

MAX FLOW RATE

AC/DC

POWER

AB ADBLUE® **W** WATER **C** CHEMICAL **A** ANTIFREEZE

MultiPump

› Cost effective, electric pump as part of a portable, ready to dispense kit ideal as an economical alternative to a hand pump

› For the dispensing of AdBlue®, water & light agricultural chemicals from a 205l drum

› Integrated nozzle holster to neatly store nozzle, preventing it from being accidentally knocked onto the floor and getting damaged

› Manual nozzle with 2m delivery hose

› 56x4 Trisure thread & 615-905mm suction downtube

› c/w transformer to run the pump on both 12v DC and 230v AC

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Amps	Duty Cycle	Nozzle	Hose	Fluids
CTS2024	MultiPump 12v / 230v	✓	16	12v (230v with transformer)	5	15 min on/ 30 min off	Manual	2m del, suction downtube	AB W C A

Piusi Shark Submersible Pump

AB ADBLUE®

> › Submersible AdBlue® refilling pump with continuous duty

> › Regenerative turbine pump with pressure building capabilities 10+ times that of a centrifugal pump with same impeller size and speed

> › Pressure regulator to reduce energy consumption and integrated bypass valve to allow nozzle dispensing without a PRV

> › Strainer to prevent debris from bottom of the tank entering vehicle

> › Low 30mm suction level and immersion up to 5000mm

> › Version c/w 6min timer to prevent pump from dry running damage

> › Compact dimensions: 140mm diameter x 360mm height

PIUSI

35lpm
MAX FLOW RATE

AC
POWER

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar/psi)	V	Hz	Suction Level (mm)	Max Fluid Temp	Ports	Timer	Shaft Seal	Fluids
F00206P1723	Shark Submersible Pump 230v	35	2/29	230	50	30	+40ºC	1" F BSP		NBR	AB
F21975P1723B	Shark Submersible Pump 230v c/w Timer	35	2/29	230	50	30	+40ºC	1" F BSP	✓	NBR	AB

Submersible AdBlue® Pump

AB ADBLUE®

> › Powerful submersible pump with two stage impeller & wear-resistant shaft c/w 6m cable

> › Designed for high flow rate applications where increased head pressure is required

> › Anti-debris stainless steel strainer & custom seals to keep the AdBlue® pure

> › Thermal overload protection for the motor

> › No start/stop float switch

95lpm
MAX FLOW RATE

AC
POWER

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar/psi)	V	Hz	Amps	Watts	Suction Level (mm)	Ports	Fluids
AB1000-T	Submersible AdBlue® Pump	95	2.5/36	230	50	3.5	550	50	1" F BSP	AB

Piusi Air Operated Diaphragm Pump

AB ADBLUE® **A** ANTIFREEZE **W** WATER

> › Self priming double membrane air operated diaphragm pump with polypropylene body

> › Ideal for transferring AdBlue® in garage & workshop environments where there is an existing air line

> › Hytrel/PTFE Diaphragm & PTFE balls

> › Can run dry without damage

> › ATEX approved to Zone 2

PIUSI

220lpm
MAX FLOW RATE

Air
POWER

Code	Description	Max Flow Rate (lpm)	Inlet/Outlet	Air Inlet	Self Priming (m)	Max Head (m)	Max Air Supply (bar)	Fluids
F00208P00	MP130 AOD AdBlue® Pump	50	½" F BSP	⅜" F BSP	5	70	7	AB A W
F00208P20	MP140 AOD AdBlue® Pump	100	1" F BSP	⅜" F BSP	6	70	7	AB A W
F00208P30	MP180 AOD AdBlue® Pump	150	1" F BSP	⅜" F BSP	5	70	7	AB A W
F00208P40	MP190 AOD AdBlue® Pump	220	1 ¼" F BSP	½" F BSP	6	70	7	AB A W

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Say goodbye to costly, throwaway AdBlue® refill bottles with the Delphin PRO

FEATURED

PIUSI

11lpm
MAX FLOW RATE

Mains/ Battery
POWER

Delphin PRO AdBlue® Car Dispenser

The Delphin PRO is specifically designed for refilling passenger cars and vans with AdBlue® cleanly & safely in a garage/service environment. It allows AdBlue® to be bought & dispensed from bulk in 200 litre drums rather than small, costly throwaway 5 litre containers.

Tried and tested by leading OEMs and car dealership networks worldwide, the Delphin PRO helps garages and workshops to save money per litre, mechanics' time not having to supervise refills and mess and spills due to the closed connection.

Versions available:

› **AC Version -** 230v model for plugging into the mains, popular for when used in a single bay.

› **DC Version -** Battery powered for moving between bays, c/w 230v charger - can perform 50 fills off a single charge.

› **Delphin PRO_X -** Automatic flow rate adjustment to the vehicle tank size instead of the car/van setting, and pre-set function that stops dispensing when set QTY is reached.

›

Piusibox AdBlue® Extraction Pump

Before refilling, the car's AdBlue® tank is often emptied to ensure that the new fluid does not get contaminated. This suction kit is designed to cleanly and quickly extract the AdBlue® from the vehicle's tank in a garage/service environment and the scrap/dismanting market.

› Pump, suction & delivery tubes all come in a handy and compact carry box for the easy transportation and neat packing away of the kit components

Benefits of the Delphin PRO...

1	**Closed, clean filling system - No smell, no mess!** The refilling process uses a closed circuit meaning no unpleasant odours, no vapours, no spills and no contamination of the stored AdBlue®.
2	**Fast, automatic re-filling - No need for technicians to supervise!** Simply turn it on at the panel and it will dispense AdBlue® automatically into the vehicle until full. The digital meter will display the amount dispensed.
3	**Patented self-cleaning spout - Maintenance free!** Universal ISO connector compatible with any filler cap, which provides a perfect seal when dispensing and ensures no crystallisation gathers on the spout.
4	**Trolley for various drum sizes - Versatile & handy!** Installed on a trolley for easy manoeuvring between bays. Constructed to fit both 60 litre and 200 litre drums securely.
5	**Adjustable flow switch - To match the vehicle!** Depending upon the vehicle being filled you can adjust the dispensing speed from 3 lpm for cars and upto 9/11 lpm for vans via side handle **(AC)** or it is picked up and adjusted automatically **(PRO_X)**

Please Note: AdBlue® drum not included

Please note: For use with ISO22241:5 AdBlue® / DEF filling interfaces only – some filling interfaces only accept a packaged product/gravity fill. Check with car manufacturer

Code	Description	Flow Rate	Power	Delivery Hose	Suction Hose	Trolley	Meter	Fluids
F00100200	Delphin PRO AC	3-11 lpm	230v	2m c/w Filling Spout	Downtube c/w Trisure 56x4	✓	Digital	AB
F00100400	Delphin PRO_X AC	2-15 lpm	230v	2m c/w Filling Spout	Downtube c/w Trisure 56x4	✓	Digital	AB
F00100410	Delphin PRO_X DC	2-15 lpm	Battery c/w 110v / 230v charger	2m c/w Filling Spout	Downtube c/w Trisure 56x4	✓	Digital	AB
F00201R20	Piusibox AdBlue® Car Suction	34 lpm	230v	2m x 12mm Tubing	2m x 12mm Tubing			AB
F21614000	Tank Recovery System							

Piusi Premium Rotary Hand Pump

D DIESEL | **O** OIL | **HVO & GTL**

› Self priming rotary hand pump with stainless steel casing for reliability & durability when dispensing diesel or oil from a drum

› Smooth operation thanks to its rolling handle grip & quality constructed internals

› 2" M BSP drum connector & suction downtube

› Grooved locking mechanism on pump inlet & 2" M BSP drum connector to stop it spinning on the drum whilst in operation

› Version with 3m delivery hose & swivel spout for dispensing direct into a vehicle, c/w on/off valve to close off the hose when delivery has finished to prevent dripping

› Version without hose has an "S" type spout ideal for dispensing straight into an oil jug

› Suitable for dispensing from drums up to 205 litres

380ml per rev — MAX FLOW RATE

2" BSP — MOUNTING

C/w Hose

Pump Only

Code	Description	Max Flow Rate (per rev)	Max Viscosity	Spout	Delivery Hose	Downtube	Fluids
CTS2074	Piusi Premium Rotary Hand Pump c/w Hose	380ml	500cSt	19mm Swivel On/Off Spout	3m	✓	D O H&G
F00332500	Piusi Premium Rotary Hand Pump	380ml	500cSt	"S" Spout		✓	D O H&G

Semi-Rotary Hand Pump

D DIESEL | **HVO & GTL**

› Cast iron constructed semi-rotary vane pump

› Cost effective solution for dispensing or transferring of diesel fuel

› Wooden/cast spindle handle

› Backplate lugs for mounting

› Removable inlet/outlet flanges

› Replaceable gland packing for easy maintenance

› New, smoother, superior finished & more durable K2 model (**Please note:** This model's footprint is slightly smaller than the previous green K2, which we still offer replacements of if required).

› Range of size and flow rate versions available depending upon individual requirements (bronze model for water on request)

1630ml per rev — MAX FLOW RATE

Lugs — MOUNTING

CTS5001

Other models

Code	Description	Max Flow Rate (per rev)	Material	Suction Inlet	Outlet	Mounting	Fluids
CTS5010	K0 Semi Rotary Pump	200ml	Cast Iron	½" F BSP Flanged	½" F BSP Flanged	Backplate lugs	D H&G
CTS5011	K1 Semi Rotary Pump	300ml	Cast Iron	¾" F BSP Flanged	¾" F BSP Flanged	Backplate lugs	D H&G
CTS5001	K2 Semi Rotary Pump	385ml	Cast Iron	1" F BSP Flanged	1" F BSP Flanged	Backplate lugs	D H&G
CTS5002	K2 Green Replacement Pump	400ml	Cast Iron	1" F BSP Flanged	1" F BSP Flanged	Backplate lugs	D H&G
CTS5012	K3 Semi Rotary Pump	520ml	Cast Iron	1 ¼" F BSP Flanged	1 ¼" F BSP Flanged	Backplate lugs	D H&G
CTS5013	K4 Semi Rotary Pump	780ml	Cast Iron	1 ¼" F BSP Flanged	1 ¼" F BSP Flanged	Backplate lugs	D H&G
CTS5014	K5 Semi Rotary Pump	960ml	Cast Iron	1 ½" F BSP Flanged	1 ½" F BSP Flanged	Backplate lugs	D H&G
CTS5015	K7 Semi-Rotary Pump	1630ml	Cast Iron	2" F BSP Flanged	2" F BSP Flanged	Backplate lugs	D H&G

PUMPS | FMS | METERS | HOSES | NOZZLES | ALARMS | GAUGES | FILTERS | FILL & VENT | VALVES | FITTINGS | TOOLS

310ml per rev

MAX FLOW RATE

2" M BSP

MOUNTING

D DIESEL **O** OIL **HVO & GTL**

Cast Iron Rotary Hand Pump

› Cast iron constructed rotary vane pump

› Cost effective dispensing of diesel & oil from drums up to 205 litres

› 2" M BSP drum adaptor & 3 part rigid downtube c/w wire strainer

› 25mm dispensing spout

› Max viscosity 410 cSt

Code	Description	Max Flow Rate (per rev)	Outlet	Downtube	Mounting	Fluids
CTS2001C	Cast Iron Rotary Hand Pump	310ml	25mm Bent Spout	1000mm	2" M BSP	D O H&G

450ml per rev

MAX FLOW RATE

2" M BSP

MOUNTING

D DIESEL **O** OIL **P** PETROL **K** KEROSENE **HVO & GTL**

Aluminium Rotary Hand Pump

› Lightweight aluminium, corrosion resistant rotary vane pump

› Cost effective dispensing of diesel & oil from drums up to 205 litres

› 2" M BSP drum adaptor & 3 part rigid suction downtube

› 25mm dispensing spout & neoprene seal

› Max viscosity 410 cSt

Code	Description	Max Flow Rate (per rev)	Outlet	Downtube	Mounting	Fluids
332000	Aluminium Rotary Hand Pump	450ml	25mm Bent Spout	1000mm	2" M BSP	D O P K H&G

1L per rev

MAX FLOW RATE

2" M BSP

MOUNTING

D DIESEL **O** OIL **P** PETROL **K** KEROSENE **A** ANTIFREEZE **HVO & GTL**

High Flow Rotary Hand Pump

› Aluminium alloy constructed rotary gear pump

› Cost effective dispensing of diesel & oil from drums up to 205 litres

› 2" M BSP drum adaptor & 3 part rigid suction downtube

› 25mm dispensing spout & 1.3m convoluted hose

› Max viscosity 90 cSt

Code	Description	Max Flow Rate (per rev)	Outlet	Hose	Downtube	Mounting	Fluids
CTS2004	High Flow Rotary Hand Pump	1L	32mm Bent Spout	1.3m	1000mm	2" M BSP	D O P K A H&G

580ml per stroke

MAX FLOW RATE

2" M BSP

MOUNTING

D DIESEL **O** OIL **HVO & GTL**

High Flow Lever Hand Pump

› Aluminium alloy constructed lever hand pump

› Cost effective dispensing of diesel & oil from drums up to 205 litres

› 2" M BSP drum adaptor & 3 part rigid suction downtube

› 20mm dispensing spout

› Max viscosity 410 cSt

Code	Description	Max Flow Rate (per stroke)	Outlet	Hose	Downtube	Mounting	Fluids
351000	High Flow Lever Hand Pump	580ml	20mm Spout	1m	850mm	2" M BSP	D O H&G

Lever Hand Pump

D	O	HVO
DIESEL	OIL	& GTL

330ml per stroke
MAX FLOW RATE

2" M BSP
MOUNTING

› Steel constructed lever hand pump
› Cost effective dispensing of diesel & oil from drums up to 205 litres
› 2" M BSP drum adaptor & telescopic 2 part rigid suction downtube
› 20mm dispensing spout
› Max viscosity 210 cSt

Code	Description	Max Flow Rate (per stroke)	Outlet	Downtube	Mounting	Fluids
CTS2000C	Lever Hand Pump	330ml	20mm Bent Spout	450-870mm	2" BSP	D O H&G

Double Diaphragm Hand Pump

D	O	P	HVO
DIESEL	OIL	PETROL	& GTL

400ml per stroke
MAX FLOW RATE

2" M BSP
MOUNTING

› Alloy constructed double diaphragm lever hand pump
› For dispensing diesel, oil & petrol from drums up to 205 litres only
› 2" M BSP drum adaptor & telescopic suction downtube & NRV
› 2.5m anti-static delivery hose & nozzle with inbuilt holster
› Incorporated wire mesh screen to filter out large debris

Code	Description	Max Flow Rate (per stroke)	Outlet	Downtube	Mounting	Fluids
CTS2003	Double Diaphragm Hand Pump	400ml	2.5m x ¾" Hose	Telescopic	2" M BSP Bung Adaptor	D O P H&G

Diaphragm Lever Hand Pump

D	O	W	HVO
DIESEL	OIL	WATER	& GTL

70lpm
MAX FLOW RATE

Bowser
MOUNTING

› Aluminium double diaphragm hand pump c/w stainless handle
› For dispensing fuel and water, commonly from a bunded bowser
› As well as bowser installation, it can also be floor or wall mounted
› Can handle solids up to 19mm making it suitable for dirty water
› 1" hose barb outlet for easy connection of dispensing hose

Code	Description	Max Flow Rate (lpm)	Outlet	Inlet	Mounting	Fluids
CTS9003	Patay Diaphragm Lever Hand Pump	70	1" Hose Barb	1" Hose Barb	Floor / Wall / Tank	D O W H&G

LD120 Lever Diaphragm Pump

D	O	W	HVO
DIESEL	OIL	WATER	& GTL

1400ml per stroke
MAX FLOW RATE

Floor
MOUNTING

› Aluminium self-priming lever diaphragm pump c/w stainless fittings
› Lightweight, portable floor standing site pump
› Commonly sold to service stations as it is ideal for surface water removal, drain/manhole emptying and emergency water pumping
› 6m suction hose, hose clips & strainer

Code	Description	Max Flow Rate (per stroke)	Outlet	Suction Inlet	Suction Length	Mounting	Fluids
LD120	Floor Standing Lever Hand Pump	1400ml	1 ½" Hose Barb	1 ½" Hose Barb	6m x 1 ½" Hose	Floor / Wall	D O W H&G

Stainless Steel Chemical Hand Pump

400ml per rev — MAX FLOW RATE

2" M BSP — MOUNTING

| C CHEMICAL | D DIESEL | O OIL | W WATER | A ANTIFREEZE | AB ADBLUE® | HVO & GTL |

› 304 Stainless Steel rotary hand pump for drums up to 205 litres

› For dispensing chemicals- check chemical compatibility

› 2" M BSP drum adaptor & 3 part rigid suction downtube

› 25mm bent dispensing spout

› Max viscosity 410cSt

Code	Description	Max Flow (per rev)	Outlet	Downtube	Mounting	Fluids
CTS2010	Stainless Steel Chemical Hand Pump	400ml	25mm Bent Spout	1060mm	2" M BSP	C D O W A AB H&G

Plastic Chemical Hand Pump

400ml per rev — MAX FLOW RATE

2" M BSP — MOUNTING

| C CHEMICAL | D DIESEL | O OIL | W WATER | A ANTIFREEZE | HVO & GTL |

› Plastic/ryton rotary hand pump for drums up to 205 litres

› For dispensing chemicals- check chemical compatibility

› 2" M BSP drum adaptor & suction downtube + filter

› 27mm bent dispensing spout

› Max viscosity 410cSt

Code	Description	Max Flow (per rev)	Outlet	Downtube	Mounting	Fluids
CTS2011	Plastic Chemical Hand Pump	400ml	27mm Bent Spout	1060mm	2" M BSP	C D O W A H&G
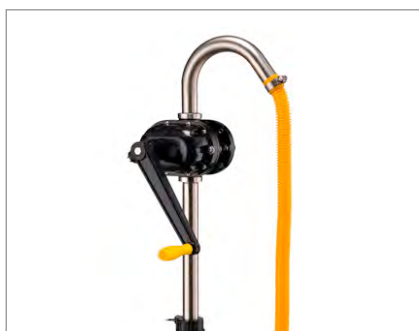
High Flow Chemical Hand Pump

1l per rev — MAX FLOW RATE

2" M BSP — MOUNTING

| C CHEMICAL | D DIESEL | O OIL | W WATER | A ANTIFREEZE | HVO & GTL |

› Plastic/ryton rotary hand pump for drums up to 205 litres

› For high flow dispensing of chemicals - check compatibility

› 2" M BSP drum adaptor & suction downtube

› 25mm dispensing spout c/w 1.3m convoluted hose

› Max viscosity 90cSt

Code	Description	Max Flow (per rev)	Outlet	Downtube	Mounting	Fluids
CTS2012	Plastic High Flow Chemical Hand Pump	1l	25mm Bent Spout c/w Hose	1000mm	2" M BSP	C D O W A H&G

Food Grade Lever Hand Pump

330ml per stroke — MAX FLOW RATE

1" Hose Barbs — INLET/OUTLET

| F FOOD |

› Technopolymer food grade lever hand pump with S/S parts

› Cost effective decanting of liquid foodstuffs with acidity <4.5Ph

› Pump body can easily be opened to clean internal parts

› 4m suction/delivery hose with clamps & nozzle

› Can be mounted vertically or horizontally

Code	Description	Max Flow (per stroke)	Inlet/Outlet	Hose	Fluids
CTS3004	Food Grade Lever Hand Pump	330	1" Hose Barbs	4m Suction/Delivery	F

| D DIESEL | O OIL | P PETROL | K KEROSENE | HVO & GTL |

HP100 Dual-Flo® Lever Hand Pump

› High performance aluminium alloy constructed lever hand pump

› For dispensing diesel, oil & petrol from tanks or drums up to 205l

› Dual flow operation – first handle setting is for high volume, high resistance dispensing (1900ml per stroke). Second setting is for heavier fluids and easier, lower flow pumping (950ml per stroke).

› UL approved

› 2" M BSP drum adaptor

› 1" F BSP dispensing outlet

› Plastic telescopic suction downtube

1900ml per stroke
MAX FLOW RATE

2" BSP
MOUNTING

Code	Description	Max Flow Rate (per stroke)	Outlet	Downtube	Mounting	Fluids
CTS9002	HP100 Lever Hand Pump	940	1"F BSP	560-1020mm	2" M BSP	D O P K H&G

| D DIESEL | W WATER | B3 B30 | HVO & GTL |

Submersible Pump Kit

› Durable battery operated centrifugal submersible pump kit for portable fuel transfer

› For dispensing diesel, biodiesel up to B30, and water at 80ºC

› Continuously rated for periods up to 1 hour

› 500 hour life expectancy

› Kit c/w 2m hose, 3m long battery cables and crocodile clips

› Length 240mm, diameter 52.5mm

› **Please note: Do not run dry**

18lpm
MAX LOW RATE

DC
POWER

Code	Description	V	Max Flow Rate (lpm)	Max Pressure (bar/psi)	Hose	Fluids
SUB12V	12v Submersible Pump Kit	12v	18	1/15	2m x ½"	D W B3 H&G

| AIR AIR |

PTO Air Compressor

› PTO driven air compressor for the mobile pumping up of tractor and plant machinery tyres

› Compact construction, purposely designed for toolbox storage

› 4.5m rubber air hose c/w tyre valve connector

› Quick release pin for holding the PTO compressor to the PTO shaft

› CE marked

90lpm
AIR VOLUME

PTO Shaft
POWER

Code	Description	Cylinder	Bore Diameter (mm)	Stroke (mm)	Air Volume (lpm)	Working Pressure (bar)	Max PTO Speed (rpm)
CTS2042	PTO Air Compressor	2	55	42	90	8	540

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Carry Plate Kit

Kit in use

PIUSI

Plate

TYPE

Small

PUMP TYPES

See pages 9 & 23 for related pumps

RELATED PRODUCTS

ANY FLUID

Piusi Pump Carry Plate

› Pump bed plate with carry handle for the easy transportation of a pump if the refuelling point may change

› Designed for use with the Piusi Panther & Bi-Pump range but can be used with similar sized models

› Reusable heavy duty cable tie for neatly & firmly connecting the pump's hoses to the handle when manoeuvring

› 4 x rubber feet for sturdily mounting the plate when the pump is in operation

› c/w the required nuts and bolts for securing pump on

› Carry plate only is also available without the added accessories

› **Please note: Pump is not included**

Code	Description	Width (mm)	Length (mm)	Height (mm)	Nuts & Bolts	Rubber Mounts	Cable Tie
FRM005	Piusi Pump Carry Plate Kit	300	300	246	✓	✓	✓
R15591000	Piusi Pump Carry Plate Only	300	300	246			

Carry Frame Kit

Kit in use

Frame

TYPE

Small/Large

PUMP TYPES

See pages 9 & 23 for related pumps

RELATED PRODUCTS

ANY FLUID

Pump Carry Frames

› Tubular steel crash frame with steel bed plate to provide all-round pump protection & carry facility during transportation

› Small version is recommended for the Piusi Panther & Bi-Pump ranges but can be used with similar sized models

› Large version is recommended for the Piusi E80/120 & Viscomat ranges but can be used with similar sized models

› Reusable heavy duty cable tie for neatly & firmly connecting the pump's hoses to the frame when manoeuvring

› c/w the required nuts and bolts for securing pump on

› Carry plate only is also available without the added accessories

› **Please note: Pump is not included**

Code	Description	Width (mm)	Length (mm)	Height (mm)	Nuts & Bolts	Rubber Mounts	Cable Tie
FRM003	Small Pump Carry Frame Kit	250	310	270	✓	✓	✓
FRM004	Large Pump Carry Frame Kit	295	375	300	✓	✓	✓
FRM001	Small Pump Carry Frame Only	250	310	270			
FRM002	Large Pump Carry Frame Only	295	375	300			

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

| D DIESEL | O OIL | HVO & GTL |

Piusi Garda

PIUSI

› Self priming gear pump for the transfer of lubricants & viscous fluids

› Traditionally designed for marine applications, but also for industrial use

› Bronze body, stainless steel shaft & bronze or teflon gears

› Suitable for mounting in any position

› Available in a range of voltages & flow rates

› Low voltage versions available for intermittent use

› Mains version available for continuous running, equipped with thermal protection

10lpm
MAX FLOW RATE

AC/DC
POWER

Garda DC

Garda AC

Code	Description	On/Off Switch	Max Flow Rate (lpm)	V	Hz	Amps	Duty (Mins)	Max Pressure (bar)	Ports	Fluids
NMT450000A	Garda 1 12v		8	12		12	30	1.5	⅜" F BSP	D O H&G
NMT450001A	Garda 1 24v		8	24		6	30	1.5	⅜" F BSP	D O H&G
NMT450002A	Garda 2 12v		10	12		19	30	3.5	⅜" F BSP	D O H&G
NMT450003A	Garda 2 24v		10	24		10	30	3.5	⅜" F BSP	D O H&G
NMT460000A	Garda 2 12v c/w 2m Clips	✓	10	12		19	30	3.5	⅜" F BSP	D O H&G
NMT460001A	Garda 2 24v c/w 2m Clips	✓	10	24		10	30	3.5	⅜" F BSP	D O H&G
NMT450006	Garda 5 230v		10	230	50	1.8		3.5	⅜" F BSP	D O H&G

| W WATER |

Piusi Amalfi

PIUSI

› Self priming flexible impeller pump for the transfer of clean, dirty & salt water

› Capable of handling solid particles & debris without damage to the pump

› Plastic body, stainless steel inside chamber & shaft

› Must not be run dry

› Available in a range of voltages & flow rates

› Low voltage version traditionally designed for pumping bilge water in marine applications

› Mains version available for continuous running, equipped with thermal protection

34lpm
MAX FLOW RATE

AC/DC
POWER

Amalfi DC

Amalfi AC

Code	Description	Max Flow Rate (lpm)	V	Hz	Amps	Duty (Mins)	Max Pressure (bar)	Ports	Fluids
NMT400000	Amalfi 1 12v	32	12		13	30	1	½" F BSP	W
NMT400001	Amalfi 1 24v	34	24		16	30	1	½" F BSP	W
NMT400003	Amalfi 5 230v	30	230	50	1.5		1	½" F BSP	W

Pumps / Multi-Purpose Pumps

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

50lpm

MAX FLOW RATE

AC

POWER

D DIESEL **O** OIL **HVO & GTL**

Self Priming Gear Pump

› Gear pump for pumping diesel, hydraulic oil, vegetable oils and fuel oils long distances e.g. when the tank is remotely sited

› Durable cast iron pump body and steel gears

› Adjustable bypass valve & viton mechanical seal for reliability at low temperatures

› Capable of 3m suction lift

› 140°c max fluid temperature, 60cSt max fluid viscosity

› Protection grade: IP54

› **Please note: Performance will vary depending upon media being pumped**

Code	Description	Max Flow Rate (lpm)	V	Hz	Watts (kw)	Max Pressure (bar)	Ports	Fluids
CTS2154	Gear Pump	50	230	50	1.5	10	1" F BSP	D O H&G

140lpm

MAX FLOW RATE

Engine

POWER

D DIESEL **W** WATER **HVO & GTL**

1" Honda Engine Driven Diesel Pump

› Tsurumi pump head powered by a genuine Honda GX25 4 stroke petrol engine c/w hose tails & 1" foot strainer

› For mobile, high flow diesel & water transfer where mains power is unavailable

› Steel base with rubber feet and carry facility for portable use

› Mechanical shaft seal

› 1hr 30min running time on tank of fuel

› Best duty point: 60lpm @ 25m head

› Dimensions: 35cm (L) x 22 cm (W) x 27 cm (H)

Code	Description	Running Fuel	Max Flow Rate (lpm)	Max Head (m)	Ports	Fluids
CTS140ED	1" Honda Engine Driven Pump	UL Petrol	140	40	1" Hose Tail	D W H&G

Drum Kit

Kit in use

PIUSI

D DIESEL **HVO & GTL**

BP3000

PUMP TYPES

See **page 10** for **BP3000 Battery Kit**

RELATED PRODUCTS

BP3000 Drum Kit

› Complete kit for installing a BP3000 battery kit onto a fuel drum

› Two versions available; one for mounting BP3000 battery kit only and a version for the addition of a meter or filter

› Telescopic 1" BSP suction downtube 500-1000mm

› 2" M BSP drum connector c/w 1" F BSP inner thread for connection to the suction pipe

› Metal adjustable nozzle holster

› **Please note: Pump is not included**

Code	Description	Downtube (mm)	Drum Connector	Nozzle Holster	90° Flange	90° Elbow	Hose Tail	Fluids
F16586000	BP3000 Drum Kit	500-1000	2" M BSP	✓	1			D H&G
F16631000	BP3000 Drum Kit Meter/Filter	500-1000	2" M BSP	✓	2	✓	✓	D H&G

FUEL MANAGEMENT SYSTEMS
FUEL MANAGEMENT **53-60** | OIL MANAGEMENT **61**

FUEL 53-60

OIL 61

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

See **page 56** for PC software

RELATED PRODUCTS

Retrofit

TYPE

AC/DC

POWER

D	AB	HVO
DIESEL	ADBLUE®	& GTL

Piusi MC Box

› Cost effective management panel for existing dispensing systems

› Limits pump access to authorised users via pin code or electronic key (if purchased)

› Records transaction data such as user, date, time & QTY

› Locally holds 255 dispenser transactions to view at the unit

› Facility to record vehicle registration number & odometer readings

› Pump start/stop & pre-set dispense features

› Can be connected to the Ocio digital level gauge for pump cut off & nozzle switch for pump start/stop

› Can download data to a Windows PC if purchasing software pack

› Zenner barrier available for when using MC Box with a K24 ATEX in a hazardous area - **R20896000 - £609.77**

Code	Description	V	Pulse Meter	Software	Manager Key	User Keys	Max Users	Pulse Input (pp/l)	Fluids
CTS4004	MC Box Complete 2018 Download Software	230	K600/3	Download	1	10	80	35	D H&G
CTS4005	MC Box Complete 2018 USB Software	230	K600/3	USB	1	10	80	35	D H&G
F1398000B	MC Box Only 230v 80 User	230					80	35	D H&G
F1398003A	MC Box Only 110v 80 User	110					80	35	D H&G
F13980050	MC Box Only 230v 120 User	230					120	35	D H&G
F13980010	MC Box Only 12v 120 User	12					120	35	D H&G
F13980020	MC Box Only 24v 120 User	24					120	35	D H&G
F1398006A	MC Box Only 230v 120 User AdBlue®	230					120	88	AB

See **page 56** for PC software

RELATED PRODUCTS

Dispenser

TYPE

AC/DC

POWER

D	HVO
DIESEL	& GTL

Piusi Cube 70MC

› Compact fuel management unit complete with dispensing system

› Limits pump access to authorised users via pin code or electronic key (if purchased)

› Records transaction data such as user, date, time & QTY

› Locally holds 255 dispenser transactions to view at the unit

› Facility to record vehicle registration number & odometer readings

› Integrated pump, auto nozzle, delivery hose & meter

› Nozzle holder with lever pump start and automated pump stop when nozzle is returned

› Pre-set dispense feature

› Can be connected to an Ocio digital level gauge for pump cut off

› Can download data to a Windows PC if purchasing software pack

Code	Description	Max Flow Rate (lpm)	V	Pulse Meter	Nozzle	Hose	Max Users	Fluids
59400B	Cube 70MC 230v 50 User	70	230	K600	Auto	4m	50	D H&G
59415A	Cube 70MC 230v 120 User	70	230	K600	Auto	4m	120	D H&G
59413A	Cube 70MC 12v 50 User	56	12	K600	Auto	4m	50	D H&G
59414A	Cube 70MC 24v 50 User	70	24	K600	Auto	4m	50	D H&G
F12708	Cube 70MC Pedestal							

Piusi Self Service MC

› Enclosed fuel management unit complete with dispensing system

› Limits pump access to authorised users via pin code or electronic key (if purchased)

› Records transaction data such as user, date, time & QTY

› Locally holds 255 dispenser transactions to view at the unit

› Facility to record vehicle registration number & odometer readings

› Integrated pump, auto nozzle, delivery hose & meter

› Nozzle holster with auto pump start/stop & pre-set dispense feature

› Can be connected to an Ocio digital level gauge for pump cut off

› Sturdy structure with front door for easy maintenance

› Can download data to a Windows PC if purchasing software pack

› Large freestanding unit or mini version for tank mounting available

Dispenser
TYPE

AC
POWER

See page 56 for PC software

RELATED PRODUCTS

Code	Description	Max Flow Rate (lpm)	V	Pulse Meter	Nozzle	Hose	Water Filter	Max Users	Fluids
738B0A	Self Service 70MC Mini 80 User	70	230	K600	Auto	4m		80	D H&G
73801B	Self Service 70MC 80 User	70	230	K600	Auto	4m	30µ	80	D H&G
73806A	Self Service 70MC 80 User + Printer	70	230	K600	Auto	4m	30µ	80	D H&G
741B0B	Self Service 100MC Mini 80 User	85	230	K600	Auto	4m		80	D H&G
74101B	Self Service 100MC 80 User	85	230	K600	Auto	4m	30µ	80	D H&G

Piusi Self Service FM

› Enclosed fuel management unit complete with dispensing system

› Limits pump access to authorised users via pin code or electronic key (if purchased)

› Records transaction data such as user, date, time & QTY

› Locally holds 255 dispenser transactions to view at the unit

› Facility to record vehicle registration number & odometer readings

› Integrated pump, auto nozzle, delivery hose & meter

› Nozzle holster with auto pump start/stop & pre-set dispense feature

› Integrated ccio level gauge & ticket printer supplied as standard

› Sturdy structure with front door for easy maintenance

› Can download data to a Windows PC if purchasing software pack

› Large freestanding unit or mini version for tank mounting available

Dispenser
TYPE

AC
POWER

See page 56 for PC software

RELATED PRODUCTS

Code	Description	Max Flow Rate (lpm)	V	Pulse Meter	Nozzle	Hose	Water Filter	Ocio	Ticket Printer	Max Users	Fluids
742B00	Self Service 100FM Mini 120 User	85	230	K600	Auto	4m		✓	✓	120	D H&G
74200B	Self Service 100FM 120 User	85	230	K600	Auto	4m	30µ	✓	✓	120	D H&G

PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Self Service MC

Breakaway Spout

PIUSI

Dispenser

TYPE

AC

POWER

See page 56 for PC software

RELATED PRODUCTS

AB
ADBLUE®

Piusi Self Service MC AdBlue®

› Freestanding management unit complete with dispensing system specially designed for AdBlue® applications

› Limits pump access to authorised users via pin code or electronic key (if purchased)

› Records transaction data such as user, date, time & QTY dispensed

› Locally holds 255 dispenser transactions to view at the unit

› Facility to record vehicle registration number & odometer readings

› Integrated pump, delivery hose & meter

› SB325 automatic nozzle c/w breakaway spout mechanism for cheap & easy repair if vehicle drives off with nozzle in fill point

› Nozzle holster with auto pump start/stop & pre-set dispense feature

› Can be connected to the AdBlue® Ocio digital level gauge for pump cut off

› Sturdy structure with front door for easy maintenance

Code	Description	Max Flow Rate (lpm)	V	Duty Cycle	Pulse Meter	Nozzle	Hose	Filter	Max Users	Fluids
744000	Self Service MC AdBlue®	34	230	20 mins	K24	SB325 Auto	6m	70µ	80	AB

Access 85

In use

PIUSI

Retrofit

TYPE

AC

POWER

ANY FLUID

Piusi Access 85

› Electronic pump control that limits pump access to authorised users via electronic key (to be purchased seperately)

› A cheaper security alternative to more complex fuel management systems if reporting is not required

› Variable timed delivery & emergency pump start/stop button

› Easy to retrofit to existing tank installations via integrated mounting tabs

› LED status information for operation & alerts

› Can be connected to a nozzle switch for start/stop operation

› Can be connected to an Ocio or low level probe to protect the pump from dry running

› Available as part of a ready to use retail pack c/w 1 manager key & 1 user key to get the system set up

Code	Description	V	Hz	Max Users	Manager Key	User Key	Fluids
F00702000	Access 85	230	50	85			AF
ACC85000	Access 86 Retail Pack	230	50	85	1	1	AF
R12496	Manager Key						AF
R15904000	User Keys - Pack of 10					10	AF

The revamped, modern & user friendly interface of the renown Self Service Desk software

Piusi Self Service Desk 2018 PC Software

PIUSI

The Self Service Desk 2018 Windows PC software is a revamped version of the market known Self Service Desk. The functionality of the 2018 software is identical to the previous Self Service Desk with all of the familiar features, but benefits from a more modern, attractive and user friendly interface at the computer screen.

See pages 53-55 for compatible FMS units

RELATED PRODUCTS

Features...

»	Software for use with the Piusi MC Box, Cube & Self Service fuel management system units
»	Same functionality as the original Self Service Desk with a modern, attractive & user friendly interface
»	Allows transaction data e.g. what driver, took how much fuel & when to be conveniently viewed on a PC
»	The 'Site' screen pictorially displays the units you have on site, which you can name for easy identification
»	The 'Report' screen is where you are able to select and filter by dates, drivers, vehicles and/or dispensers and simply view the reports in a table or graph format
»	Ability to export reports into .pdf, .xlsx or .txt file
»	Software can be downloaded from the Piusi website using your allocated licence key or run off a USB
»	Data can be transferred from an onsite dispenser to an onsite PC through hardwiring or a key reader connected to the PC via USB
»	Data can be transferred from up to 16 dispensers on a single remote site to a PC elsewhere via a 4G network if the PW Mobile pack is purchased
»	If upgrading from the original Self Service Desk, you can migrate your old data to ensure no history is lost
»	Additional user keys available for more than 10

Do I want the download or USB version?

› **Download** – Recommended, unless there is no internet on site. A licence number is given to download from the Piusi website. If you ever need to reinstall the software, we can reissue the icence number at no cost.

› **USB** – If you don't have internet connection on site to download the software we can offer you the USB version to run it off. If you lose or break your USB, a replacement needs to be purchased.

Code	Description	Replaces	Software	Data Transfer	User Key	Manager Key
CTS4000	2018 Download Software - Key Reader c/w Yellow Keys	F14144040	Download	Key Reader	10	1
CTS4001	2018 Download Software - Hardwired	F12710	Download	Hardwired		
CTS4002	2018 USB Software - Key Reader c/w Yellow Keys	F14144040	USB	Key Reader	10	1
CTS4003	2018 USB Software - Hardwired	F12710	USB	Hardwired		
R12496	Manager Key	N/A				1
R15904000	Yellow User Keys Pack of 10	N/A			10	
R12495000	Old System Green User Keys Pack of 10	N/A			10	
F00773210	Self Service Desk 2018 Download Software	R12544000	Download			
F00773010	Self Service Desk 2018 USB Software	R12544000	USB			
F13292000	Self Service USB Hardwire Adaptor	N/A		Hardwired		
F1226201A	Self Service Desk USB Key Reader Kit	N/A		Key Reader		
F12710150	PW Mobile 4G 2018					

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Remote, real-time fuel management with the cloud based B.SMART with NO ongoing fees

PIUSI

See **page 58-59** for B.SMART units

RELATED PRODUCTS

Piusi B.SMART

B.SMART is the first cloud based fuel management system from Piusi, providing the fleet manager with remote and real time data on their fuel use. It enables the monitoring of multiple dispensers across unlimited geographical sites through the user-friendly online web portal via the PC, tablet or smart phone wherever you are!

With no software installation, no network cables and no ongoing subscription fees, the B.SMART is simple to install and costs nothing more to run than your upfront costs.

Features...	
›	Can monitor multiple dispensers across unlimited geographical sites in a single portal, making it suitable for any size fleet or company
›	Once refuelling is completed, transaction data e.g. user, date, time, vehicle, dispenser, site & QTY is sent to the cloud to enable real time monitoring*
›	Manager can remotely access data and reports via the cloud-based web portal from any PC, tablet or smart phone
›	Manager can remotely enable/disable driver access to the pump to control who is able to dispense fuel, preventing unauthorised use
›	No software installation required – all you need is a log in, meaning there is nothing to reinstall when a PC is replaced or updated
›	Unlike other cloud based systems, there are no ongoing monthly or annual hosting fees
›	Ability to export reports into .pdf or .xlsx files
›	Utilises the industry known, Italian quality Piusi dispensers; simple and easy for the driver to use.
	Fuel economy and live level Tank Watchdog modules available as optional add ons
›	As standard systems come with licences for 10 or 20 drivers. Additional licences can be purchased separately in packs of 5, 15 or 50
›	A registered yellow key fob can be used as a back up means of accessing the pump if a driver's mobile device cannot be used e.g. flat battery

*Real time only in areas where Wi-Fi or mobile network is available. Otherwise, data will be synchronised when network becomes accessible.

DEMO AVAILABLE

How does the B.SMART work...

› Once the driver has downloaded the B.SMART app on their iOS or Android device, the manager can enable them via the web portal.

› Whenever they need to refuel, the driver opens the app, selects a dispenser and vehicle, and sets the pump to fill or dispense a pre-set quantity via Bluetooth (works up to 15m away).

› Once complete, data is sent from the app via Wi-Fi or mobile network to the cloud for the manager to view in the portal.

Code	Description	Extra Licences	Keys
F00770D00	5 x Additional Driver Access Licences	5	
F00770D10	15 x Additional Driver Access Licences	15	
F00770D20	50 x Additional Driver Access Licences	50	
R15904000	10 x Emergency Use Yellow Key Fobs		10

D DIESEL **AB** ADBLUE® **HVO & GTL**

Piusi MC Box B.SMART

› Cost effective management panel for use with existing pump

› Two pump version for managing two separate tanks or a split tank with one MC Box e.g. diesel/AdBlue® or white/red diesel

› Records data e.g. user, date, time, vehicle, dispenser, site & QTY

› Limits access to authorised app users to control who can dispense

› Real-time data viewed remotely via cloud-based web portal from any PC, tablet or smart phone

› No software install, network cables or ongoing subscription fees

› Facility to record vehicle registration number & odometer readings

› Ability to pre-set dispensing volume or to complete fill from the app

› Set pulse input on online portal for compatibility with most pulse meters including the powered K44P meter

› c/w 10 or 20 driver licences (more can be purchased – **see pg 57**)

Retrofit
TYPE

AC/DC
POWER

See **page 57 for** software benefits
RELATED PRODUCTS

Code	Description	Max Flow Rate (lpm)	V	Pulse Input (pp/l)	User Licences	Fluids	
F00599000	MC Box B.SMART 10 Licence - 230v		110-230	Any	10	D AB H&G	
F00599040	MC Box B.SMART 20 Licence - 230v		110-230	Any	20	D AB H&G	
F00599010	MC Box B.SMART 10 Licence - 12v		12	Any	10	D AB H&G	NEW
F00599060	MC Box B.SMART 10 Licence - 24v		24	Any	10	D AB H&G	NEW
472A00	K600 Pulse Meter for Connection to Existing Pump	100		35		D H&G	
F0040721B	K24 Pulse Meter for Connection to Existing Pump	100		88		AB	
F00599200	MC Box B.SMART - 2 Pump Version 10 Licence		110-230	Any	10	D AB H&G	NEW
F00599240	MC Box B.SMART - 2 Pump Version 20 Licence		110-230	Any	20	D AB H&G	NEW

D DIESEL **HVO & GTL**

Piusi Cube MC B.SMART

› Compact management unit complete with dispensing system

› Records data e.g. user, date, time, vehicle, dispenser, site & QTY

› Limits access to authorised app users to control who can dispense

› Real-time data viewed remotely via cloud-based web portal from any PC, tablet or smart phone

› No software install, network cables or ongoing subscription fees

› Facility to record vehicle registration number & odometer readings

› Ability to pre-set dispensing volume or to complete fill from the app

› Integrated pump, automatic nozzle, delivery hose & meter

› Nozzle holder with lever pump start & auto stop on nozzle return

› 56, 70 and 90lpm versions depending upon preferred flow rate

› c/w 10 or 20 driver licences (more can be purchased – **see pg 57**)

Dispenser
TYPE

AC/DC
POWER

See **page 57 for** software benefits
RELATED PRODUCTS

Code	Description	Max Flow Rate (lpm)	V	Duty Cycle	Pulse Meter	Nozzle	Hose	User Licences	Fluids	
598A00	Cube 56 B.SMART 10 Licence - 12v	56	12		K600	Auto	4m	10	D H&G	NEW
598000	Cube 70 B.SMART 10 Licence - 230v	70	230		K600	Auto	4m	10	D H&G	
598020	Cube 70 B.SMART 20 Licence - 230v	70	230		K600	Auto	4m	20	D H&G	
598A10	Cube 70 B.SMART 10 Licence - 24v	70	24		K600	Auto	4m	20	D H&G	NEW
598010	Cube 90 B.SMART 10 Licence - 230v	90	230	30 mins	K600	Auto	4m	10	D H&G	
598030	Cube 90 B.SMART 20 Licence - 230v	90	230	30 mins	K600	Auto	4m	20	D H&G	

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

NEW B.SMART

PIUSI

D DIESEL

HVO & GTL

Piusi Self Service B.SMART

Dispenser
TYPE

AC
POWER

See page 57 for software benefits

RELATED PRODUCTS

› Compact management unit complete with free-standing, all in one dispensing system for fast & precise filling with fuel monitoring

› Records data e.g. user, date, time, vehicle, dispenser, site & QTY

› Limits access to authorised app users to control who can dispense

› Real-time data viewed remotely via cloud-based web portal from any PC, tablet or smart phone

› No software install, network cables or ongoing subscription fees

› Facility to record vehicle registration number & odometer readings

› Ability to pre-set dispensing volume or to complete fill from the app

› Integrated K600 flow meter & 30µ water captor filter

› c/w licences for 10 or 20 drivers (more can be purchased separately – **see page 57**)

Code	Description	Max Flow Rate (lpm)	V	Pulse Meter	Filter	Nozzle	Hose	User Licences	Fluids	
F00748010	Self Service 70 B.SMART 10 Licence	70	230	K600	30µ	Auto 80	4m	10	D	H&G
F00748040	Self Service 70 B.SMART 20 Licence	70	230	K600	30µ	Auto 80	4m	20	D	H&G
F00748000	Self Service 100 B.SMART 10 Licence	90	230	K600	30µ	Auto 120	4m	10	D	H&G
F00748030	Self Service 100 B.SMART 20 Licence	90	230	K600	30µ	Auto 120	4m	20	D	H&G

NEW B.SMART

PIUSI

AB ADBLUE®

Piusi Self Service B.SMART AdBlue®

Dispenser
TYPE

AC
POWER

See page 57 for software benefits

RELATED PRODUCTS

› Compact management unit complete with free-standing, all in one AdBlue® dispensing system for fast & precise filling with monitoring

› Records data e.g. user, date, time, vehicle, dispenser, site & QTY

› Limits access to authorised app users to control who can dispense

› Real-time data viewed remotely via cloud-based web portal from any PC, tablet or smart phone

› No software install, network cables or ongoing subscription fees

› Facility to record vehicle registration number & odometer readings

› Ability to pre-set dispensing volume or to complete fill from the app

› Integrated K24 pulse meter & 70µ particle filter

› c/w licences for 10 or 20 drivers (more can be purchased separately – **see page 57**)

Code	Description	Max Flow Rate (lpm)	V	Pulse Meter	Filter	Nozzle	Hose	User Licences	Fluids
F00748020	Self Service AdBlue® B.SMART 10 Licence	34	230	K24	70µ	SB325_X Auto	6m	10	AB
F00748050	Self Service AdBlue® B.SMART 20 Licence	34	230	K24	70µ	SB325_X Auto	6m	20	AB

59

| D DIESEL | AB ADBLUE® | HVO & GTL |

PIUSI

B.SMART

All B.SMART Systems

FOR USE WITH

B.SMART Tank Watchdog

› Add-on module to remotely monitor fuel stock and levels of any tank with a B.SMART cloud-based system on

› Set level alarms and get email notifications when this level is reached e.g. "Red diesel tank at 10% - Need to order a fuel delivery"

› Stop the pump according to the level of the fluid to prevent pump from dry running or to ensure fuel level buffer for emergencies

› Manage fuel suppliers by recording delivery date, price, invoice number and litres received

› Identify real time value of inventory and follow fluid price trends

Works in two ways:

› Virtual tank – Tank Watchdog add on alone will automatically subtract dispenses but fuel deliveries need to be added manually

› Actual tank – Add an Ocio 2.0 or any other 4-20 ma or 0-10v gauge to be able to read live tank levels without the need for manually adding fuel deliveries (unless price tracking is required)

Code	Description	Licence	V	Fluids
F00770L20	B.SMART Tank Watchdog Module	Lifetime		D AB H&G
F00755220	Ocio 2.0 RS485		230	D H&G
F15611000	AdBlue® Weight			AB

| D DIESEL | AB ADBLUE® | HVO & GTL |

PIUSI

B.SMART

All B.SMART Systems

FOR USE WITH

B.SMART Fuel Economy Module

› Add-on module to the B.SMART cloud-based software to remotely monitor fuel consumption, miles per gallon and manage driver and vehicle activity

› Ability to manually add external refills at service stations for a complete picture of company, vehicle or driver fuel use

› Fuel consumption reports by vehicle or driver to spot deviations in actual MPG versus manufacturer specified MPG to identify vehicle issues or undesirable driving behaviour

› Upload vehicle image, registration, odometer, tank size and standard consumption, and categorise them into groups for reporting purposes e.g. type of vehicle or by contract

› Set driver details, image and controls such as how much fuel they can dispense in a time period, what hours they can refill and restrict what vehicles they can refill

› Can generate QR code stickers for each vehicle to save the driver from manually adding the registration at the time of refuelling

Code	Description	Licence	Fluids
F00770F20	B.SMART Fuel Economy Module	Lifetime	D AB H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

60

Manage and monitor garage workshop oil and fluid operations with MCO GO®

PIUSI®

Piusi MCO GO

The MCO GO is Piusi's brand new, plug and play system to manage and monitor the use of oil and other fluids in a garage environment. Suitable for not just oil but other workshop fluids such as windscreen, AdBlue® and diesel, the MCO GO is a centralised system for monitoring the consumption of all fluids in once place for the manager's convenience.

Simple to install and use, this is the ideal fluid management system for workshops that store fluids in bulk, rather than use costly, throwaway jerry cans and bottles.

How does the MCO GO work?

› **Touchscreen control unit –** This is where works orders are created and activated e.g. David to dispense 26litres of SAE 10W-60 Oil at Bay 3, and both scheduled, in progress and completed dispensing operations can be viewed.

› **8 port switch –** A network device to connect the control unit with upto 6 GPV valves & 1 printer via LAN connection.

› **GPV valves –** Solenoid valves c/w integrated meter to start the pump dispensing when activated on the touch screen and end it once the set quantity of fluid has been used. You can select up to a maximum of 6 GPV valves depending upon how dispensing systems to want to add.

› **Optional printer –** for paper copies of completed operations.

› **Data export –** As standard, the dispensing transactions for the specified period can be exported from the control unit via a USB stick for viewing in spreadsheet format on the manager's computer.

NEW

MCO GO Cloud Software available!

› Send data straight to a user-friendly online portal via Wi-Fi to see a more detailed analysis of operations and reports, consolidate data from different workshops and monitor live tank levels.

CONTROL UNIT

8 PORT SWITCH

GPV VALVE

TICKET PRINTER

DATA EXPORT

EASYVIEW NOZZLE

Code	Description	V	Hz	Max Flow Rate (lpm)	Fluids
F00776C00	MCO GO Control Unit c/w 8 Port Switch	100-240	50-60		AF
F00446010	GPV Bi Valve Oil	100-240	50-60	30	O
F00446030	GPV Windscreen	100-240	50-60	30	WS
F00446070	GPV AdBlue®	100-240	50-60	120	AB
F00446080	GPV Diesel	100-240	50-60	100	D
F00446050	Universal Control Unit to Connect to Existing Valves & Pulse Meters	100-240	50-60		AF
F22527000	Ticket Printer				AF
F20112000	Wall Mount Bracket Kit				AF
F00779010	Easyview Rigid Spout Nozzle c/w Meter to Display the GPV Dispensing Reading			30	O
F00774340	Cloud MCO GO - One Time Fee - 4 CU				
F00774350	Cloud MCO GO - One time Fee - Unlimited CU				

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

FLOW METERS
MECHANICAL **63-67** | DIGITAL **68-70** | PULSE **71-73**

MECHANICAL 63-67

DIGITAL 68-70

PULSE 71-73

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
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FILL & VENT
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FITTINGS
TOOLS

PUMPS

FMS

METERS

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ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

| D DIESEL | O OIL | P PETROL | K KEROSENE | J JET FUEL | HVO & GTL |

Piusi K33 Flow Meter

20-120lpm

FLOW RATE RANGE

+/-1%

ACCURACY

› Polybutylene nutating disk meter with mechanical display to measure the quantity of fuel that has been dispensed

› Suitable for pump installations

› Meter body can be rotated to allow flow from 4 directions for flexible installation

› Easy to install and calibrate if required

› +/-1% accuracy after calibration

› 3 digit resettable & 6 digit non-resettable totaliser

› Working temperature -20°c/+60°c

› Diesel, oil & ATEX version available for use in potentially flammable environments

› Max viscosity of 2000 cSt (oil version only)

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
553000	K33 Diesel	20-120	3.5/50	1" F BSP	1" F BSP	0.1 to 999.9 Resettable	D H&C
558000	K33 Oil	20-120	10/145	1" F BSP	1" F BSP	0.1 to 999.9 Resettable	O
F00570030	K33 ATEX ⟨Ex⟩	20-120	3.5/50	1" F BSP	1" F BSP	0.1 to 999.9 Resettable	D P K J H&G

PIUSI

| D DIESEL | O OIL | HVO & GTL |

Piusi K44 Flow Meter

20-120lpm

FLOW RATE RANGE

+/-1%

ACCURACY

› Polybutylene nutating disk meter with mechanical display to measure the quantity of fuel that has been dispensed

› Suitable for pump installations

› Meter body can be rotated to allow flow from 4 directions for flexible installation

› Easy to install and calibrate if required

› +/-1% accuracy after calibration

› 4 digit resettable & 7 digit non-resettable totaliser

› Working temperature -20°c/+60°c

› Pulsar version available: 10 pulses per litre, 6-24v DC 3 wire

› Max viscosity of 2000 cSt (oil version only)

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
563000	K44 Diesel	20-120	3.5/51	1" F BSP	1" F BSP	0.1 to 9999.9 Resettable	D H&G
563020	K44 Oil	20-120	10/145	1" F BSP	1" F BSP	0.1 to 9999.9 Resettable	O
56500A	K44 Pulsar	20-120	10/145	1" F BSP	1" F BSP	0.1 to 9999.9 Resettable	D H&G

D DIESEL	P PETROL	K KEROSENE	J JET FUEL	HVO & GTL

Piusi K150 Flow Meter

› Polybutylene nutating disk meter with mechanical display to measure the quantity of fuel that has been dispensed

› Designed to work in high flow refuelling applications where larger vehicle/machinery tanks are being filled

› Benefitting from up to 33% less pressure drop than alternative models, maintaining as much as the pump's flow rate as possible

› Robust aluminium body for durable wear in heavy duty environments

› +/-1% accuracy after calibration

› 4 digit resettable totaliser & 8 digit non-resettable totaliser

› Working temperature -30°c/+60°c

› ATEX version available for use in potentially flammable environments

25-150lpm
FLOW RATE RANGE

+/-1%
ACCURACY

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
554A00	K150	25-150	3.5/51	1" F BSP	1" F BSP	0.1 to 9999.99 Resettable	D H&G
555B00	K150 ATEX Ex	25-150	3.5/51	1" F BSP	1" F BSP	0.1 to 9999.99 Resettable	D P K J H&G

D DIESEL	HVO & GTL

Piusi K700 Flow Meter

› Oval gear meter with mechanical display to measure the quantity of fuel that has been dispensed

› Higher flow alternative to the K33/K44 models for larger pumping applications

› Meter body can be rotated to allow flow from 4 directions for flexible installation

› Easy to install and calibrate if required

› +/-1% accuracy after calibration

› 4 digit resettable & 8 digit non-resettable totaliser

› Working temperature -20°c/+60°c

› 400µ inlet filter to remove any large particles

20-220lpm
FLOW RATE RANGE

+/-1%
ACCURACY

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
F00540030	K700M	20-220	10/145	1 ½" F BSP Flanged	1 ½" F BSP Flanged	0.1 to 9999.9 Resettable	D H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

| D DIESEL | K KEROSENE | B3 B30 | P PETROL | HVO & GTL |

FILL-RITE

Fill-Rite Series 900 Meter

23-151lpm
FLOW RATE RANGE

+/-2%
ACCURACY

› Nutating disk meter with mechanical display to measure the quantity of fuel that has been dispensed

› Can work in gravity conditions as well as pump installations thanks to low minimum flow rate

› Meter body can be rotated to allow flow from 4 directions for flexible installation

› Easy to install and calibrate if required

› +/-2% accuracy after calibration

› 4 digit resettable & 8 digit non-resettable totaliser

› Working temperature -26°c/+66°c

› Ex II 2G c T6 approved

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
OE0048	900 Series 1 ½"	23-151	3.5/50	1 ½" F BSP Flanged	1 ½" F BSP Flanged	0.1 to 9999.9 Resettable	D K B3 P H&G

| D DIESEL | K KEROSENE | HVO & GTL |

BRAUN Messtechnik GmbH

HZ3/5 Oil Meter

0.18-40lph
FLOW RATE RANGE

+/-1%
ACCURACY

HZ3

HZ5

› Mechanical display meter to measure even the smallest quantities of fuel oil consumption with great accuracy

› HZ3 for horizontal installation in a domestic central oil supply or a one pipe system

› HZ5 for vertical installations in a single or twin pipe system

› Robust and durable construction

› Can be retrofitted to any existing heating/burner system

› For fitting indoors or in a weatherproof enclosure

› +/-1% accuracy

› 5 digit (HZ3) non-resettable totaliser / 7 digit (HZ5) non-resettable totaliser

› Operating temperature -5°c/+70°c

Code	Description	Flow Rate (lph)	Pressure (bar/psi)	Boiler Capacity	Inlet	Outlet	Totaliser	Fluids
OE0045	HZ3 Oil Meter	0.18-30*	6/87	1.65-265kW	¼" F BSP	¼" F BSP	0.01 to 1l 5 Digit Totaliser	D K H&G
OE0046	HZ5 Oil Meter	0.7-40	25/362	7-400kW	⅛" F BSP	⅛" F BSP	0.01 to 1l 7 Digit Totaliser	D K
OE0046B	HZ5 Oil Meter Wall Bracket							
OE0046F	HZ5 Compression Converter				⅛" F BSP	10mm Compression		

*Calibrated to 0.18 to 12

D DIESEL **K** KEROSENE **HVO & GTL**

Oil Tally Meter

› Mechanical display meter to measure heating oil consumption in domestic applications

› Suitable for both horizontal and vertical installation thanks to its 360° rotating display

› Positive displacement/low pressure drop design

› Working temperature -10°c/+60°c

› +/-2% accuracy

› 7 digit non-resettable totaliser

› Come as standard with 10mm compression fittings

1-50lph
FLOW RATE RANGE

+/-2%
ACCURACY

Code	Description	Flow Rate (lph)	Max Pressure (bar)	Inlet	Outlet	Totaliser	Fluids
OE0052	Oil Tally Meter	1-50	25	10mm Compression	10mm Compression	7 Digit Totaliser	D K H&G

W WATER

WRAS/WRC Approved Water Meter

› Mechanical display, single jet impeller meter to measure the quantity of cold water used

› For domestic, industrial & irrigation applications

› Can be installed horizontally or vertically

› Integral strainer & security tamper evident wire lock & seal

› Epoxy coated brass body & frost resistant dial

› Maximum temperature 30°c

› WRAS/WRC approved for drinking water

› Approved: EN14154 +A1+A2, OIML R-49: 2006(E)

› MID MI-001 suited for secondary billing/sub metering

› Pulsar option (10ppl) - see table

1.5-5m³/h
FLOW RATE RANGE

Single Jet
IMPELLER

Code	Description	Flow Range (m³/h)	Max Pressure (bar)	Inlet	Outlet	Fluids
WMSJ15	Alfa 15mm WRAS/WRC Cold Water Meter	1.5-3	16	½" M BSP	½" M BSP	W
WMSJ20	Alfa 20mm WRAS/WRC Cold Water Meter	2.5-5	16	¾" M BSP	¾" M BSP	W
WMSJ20PUL	Alfa 20mm WRAS/WRC Cold Water Meter with Pulsar	2.5-5	16	¾" M BSP	¾" M BSP	W

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

aqua metro

| D DIESEL | K KEROSENE | HVO & GTL |

| 0.5-135lph |
| FLOW RATE RANGE |

| +/-1% |
| ACCURACY |

Contoil VZO4/8 Oil Meter

› Industry recognised, mechanical display meter to measure small quantities of fuel oil consumption with great accuracy

› VZO4 for domestic heating oil - low flow model for smallest of quantities e.g. single AGA use

› VZO8 for light industrial applications e.g engine and generators

› Can be retrofitted to any existing boiler/burner system

› For indoor, outdoor vertical, horizontal & diagonal installation

› +/-1% accuracy

› 7 digit non-resettable totaliser & dial indicating 0.009l (VZO4)/ dial indicating 0.09l (VZO8)

› Max operating temperature +60°c

› Version c/w reed switch pulse output to send the consumption information to an external management system or remote display

Code	Description	Flow Rate (lph)	Pressure (bar/psi)	Inlet	Outlet	Pulses (Per Litre)	Totaliser	Fluids
CTS2300	Contoil VZO 4 Oil Meter	1-50	25/362	⅛" F BSP	⅛" F BSP		0.001 to 99999.99	D K H&G
CTS2301	Contoil VZO 4 Low Flow Oil Meter	0.5-40	25/362	⅛" F BSP	⅛" F BSP		0.001 to 99999.99	D K H&G
CTS2302	Contoil VZO 8 Oil Meter	4-135	25/362	¼" F BSP	¼" F BSP		0.01 to 999999.9	D K H&G
CTS2307	Contoil VZO 4 Oil Pulse Meter	1-50	25/362	⅛" F BSP	⅛" F BSP	0.1	0.001 to 99999.99	D K H&G
CTS2308	Contoil VZO 8 Oil Pulse Meter	4-135	25/362	¼" F BSP	¼" F BSP	1	0.01 to 999999.9	D K H&G
OE0046F	Compression Converter			⅛" F BSP	10mm Compression			

VZO15

aqua metro

| D DIESEL | K KEROSENE | HEAVY FUEL OIL | HVO & GTL |

| 10-2000lph |
| FLOW RATE RANGE |

| +/-1% |
| ACCURACY |

Contoil VZO15/25 Oil Meter

› Industry recognised, mechanical display meter to measure fuel oil consumption with great accuracy

› For marine & industrial applications e.g. boilers, engine and generator fuel consumption

› Can be retrofitted to any existing boiler/burner system

› For indoor, outdoor vertical, horizontal & diagonal installation

› +/-1% accuracy

› 7 digit non-resettable totaliser & dial indicating 0.09l (VZO15)/ dial indicating 0.9l (VZO25)

› Max operating temperature +130°c

› Available with Lloyd's shipping, Germanischer Lloyd and Det Norske Veritas (DNV) certification approvals for marine use

› Version c/w reed switch pulse output to send the consumption information to an external management system or remote display

Code	Description	Flow Rate (lph)	Pressure (bar/psi)	Inlet	Outlet	Pulses (Per Litre)	Totaliser	Fluids
CTS2303	Contoil VZO 15 Oil Meter	10-400	16/232	½" M BSP	½" M BSP		0.01 to 999999.9	D K HFO H&G
CTS2304	Contoil VZO 25 Oil Meter	75-2000	16/232	1" M BSP	1" M BSP		0.1 to 9999999	D K HFO H&G
CTS2309	Contoil VZO 15 Oil Pulse Meter	10-400	16/232	½" M BSP	½" M BSP	0.1	0.01 to 999999.9	D K HFO H&G
CTS2310	Contoil VZO 25 Oil Pulse Meter	75-2000	16/232	1" M BSP	1" M BSP	1	0.1 to 9999999	D K HFO H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

D DIESEL **K** KEROSENE **HEAVY FUEL OIL** **HVO & GTL**

Contoil VZF Oil Meter

› Industry recognised, digital display meter to measure fuel oil consumption with great accuracy in lph, kg/h or temperature

› c/w 4-20mA and pulse output to send the consumption information to an external management system or remote display

› For marine & industrial applications e.g. boilers, engine and generator fuel consumption

› Can be retrofitted to any existing boiler/burner system

› Suitable for indoor and outdoor vertical and horizontal installation

› +/-1% accuracy

› 8 digit resettable and non-resettable totaliser

› Max operating temperature +130°c

› 0.0001-1000 pulses per litre @ max 200Hz - Configurable 2 to 500ms pulse width

› Available with Lloyd's shipping, Germanischer Lloyd and Det Norske Veritas (DNV) certification approvals for marine use

20-2000lph
FLOW RATE RANGE

+/-1%
ACCURACY

Code	Description	Flow Rate (lph)	Pressure (bar/psi)	Inlet	Outlet	Pulses (Per Litre)	Totaliser	Fluids
CTS2305	Contoil VZF II 15 Oil Meter	20-400	16/232	½" M BSP	½" M BSP	Scalable	8 Digit	D K HFO H&G
CTS2306	Contoil VZF II 25 Oil Meter	75-2000	16/232	1" M BSP	1"M BSP	Scalable	8 Digit	D K HFO H&G

D DIESEL **O** OIL **W** WATER **AB** ADBLUE® **C** CHEMICAL **HVO & GTL**

Stainless Steel Flow Meter

› Turbine meter with digital display to measure the quantity of fluid that has been dispensed

› Versatile solution for many applications thanks to its large flow range and multiple fluid compatibility

› IP65 display with 7 digit flow rate indication and 9 digit totaliser for resettable batch or overall total

› c/w 4-20mAh and pulse output to send the information to an external management system or remote display

› Durable and long life 304 Stainless Steel construction

› Tungsten carbide bearing/shaft/2Cr13 rotor

› +/-1% accuracy

› Fluid temperature -10°c/+110°c

› LCD display powered by AA battery

› Battery power lasts a min. 4 years and max. 8 years

› Max viscosity 100cSt

› **Please note: Check exact fluid compatibility with wetted parts**

16.6-500lpm
FLOW RATE RANGE

+/-1%
ACCURACY

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Totaliser	Fluids
CTS1061	2" Stainless Steel Flow Meter	16.6-500	63/913	2" M BSP	2" M BSP	0.1-9999999.99	D O W AB C H&G

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

K24 Aluminium

K24 AdBlue

PIUSI

| D DIESEL | W WATER | P PETROL | K KEROSENE | AB ADBLUE® | WS WINDSCREEN | M CATTLE MILK | J JET FUEL | HVO & GTL |

5-120lpm

FLOW RATE RANGE

+/-1%

ACCURACY

See **page 71** for pulsar versions

RELATED PRODUCTS

Piusi K24 Flow Meter

› Turbine meter with digital display to measure the fluid dispensed & provide user with flow rate indication

› Bi-directional to allow flow to be counted either way (only on aluminium & ATEX versions)

› Can be installed inline or by the delivery nozzle & display can be rotated in 4 different positions for easy reading

› Can work in gravity conditions as well as pump installations

› +/-1% accuracy

› 5 digit partial totaliser & 6 digit totaliser

› Working temperature -10°c/+50°c

› LCD display powered by two AAA batteries, apart from the K24 ATEX which is powered by an EX battery – see table

› Diesel, ATEX and AdBlue® versions available

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Socket	Totaliser	Fluids
F00407330	K24 Diesel Plastic	5-120	10/145	1" M BSP	1" M BSP	✓	0.1 to 9999 6 Digit Totaliser x10, x100	D W WS H&G
F00408100	K24 Diesel Aluminium	7-120	20/300	1" F BSP	1" M BSP		0.1 to 9999 6 Digit Totaliser x10, x100	D H&G
F00408X00	K24 ATEX Ⓔ	7-120	20/300	1" F BSP	1" M BSP		0.1 to 9999 6 Digit Totaliser x10, x100	D P K J H&G
F0040710A	K24 AdBlue®	6-100	10/145	1" M BSP	1" M BSP	✓	0.1 to 9999 6 Digit Totaliser x10, x100	AB W WS M *
F16073000A	K24 1" F x F Socket			1" F BSP	1" F BSP			
R1802100A	K24 ATEX Battery							

*Please note: Cattle Milk version is not for human consumption

Diesel

Chemical

GPI

| D DIESEL | C CHEMICAL | W WATER | B1 B100 | HVO & GTL |

10-190lpm

FLOW RATE RANGE

+/-5%

ACCURACY

GPI Flow Meter

› Turbine meter with digital display to measure the quantity of fluid that has been dispensed

› Single channel reed switch

› Can be installed inline or by the delivery nozzle

› 4 digit totaliser

› Working temperature -10°c/+50°c

› Powered by two AAA batteries

› OE0056 has an aluminium body

› OE0055 wetted parts - Stainless steel body/316 Stainless Steel/ Ceramic/Tungsten Carbide/PVDF

› OE0058 wetted parts - Nylon body/316 Stainless Steel/Ceramic/ Tungsten Carbide

› OE0055 is ATEX II 1 G EX 19 II c T6 certified

Code	Description	Flow Rate (lpm)	Max Pressure (bar)	Inlet	Outlet	Totaliser	Accuracy	Fluids
OE0056	1" Aluminium GPI Meter - Diesel	10-100	20.7	1" F BSP	1" F BSP	0.1-999.9 4 Digital Totaliser	+/-5%	D B1 H&G
OE0055	1" Stainless Steel GPI Meter Ⓔ	19-190	102	1" F BSP	1" F BSP	0.1-999.9 4 Digital Totaliser	+/-1%	C
OE0058	1" Nylon GPI Meter - Water	10-100	10.2	1" F BSP	1" F BSP	0.1-999.9 4 Digital Totaliser	+/-5%	W

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

D	O	GR	WS	A	B2	HVO
DIESEL	OIL	GREASE	WINDSCREEN	ANTIFREEZE	B20	& GTL

Piusi Oval Gear Flow Meters

› Oval gear meter with digital display to measure the quantity of fluid that has been dispensed

› Flow rate indication (K600 & K900 models only)

› +/-0.5 accuracy

› 5 digit partial totaliser & 6 digit totaliser (4 digit partial on K200)

› Working temperature -10°c/+60°c

› Powered by two LR1 N-1.5v batteries

› Aluminium measuring chamber

› Single channel reed switch

› Range of models available depending upon performance requirements and fluid applications

PIUSI

0.1-500lpm
FLOW RATE RANGE

+/-0.5%
ACCURACY

See **page 72 for pulsar versions**

RELATED PRODUCTS

K200

K400

Next/2

K600 B/3

K900

K600/4

K600/3

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Viscosity (cSt)	Inlet/Outlet	Inlet Filter	Totaliser	Fluids
430120	K200 ml/l	0.1-2.8	500/7810	1-2000	⅛" F BSP		0.1 to 9999 6 Digit Totaliser	D O A B2 H&G
430110	K200 gr/kg	0.1-2.5kg/min	500/7200	1-2000	⅛" F BSP		0.1 to 9999 6 Digit Totaliser	GR
F00484000	K400	1-30	70/994	5-2000	½" F BSP		0.1 to 9999 6 Digit Totaliser Plus x10, x100	D O A B2 H&G
483020	K400 - Windscreen	1-30	70/994	1-2000	½" F BSP		0.1 to 9999 6 Digit Totaliser Plus x10, x100	WS
F00486150	Next/2	6-60	70/994	10-2000	¾" F BSP		0.1 to 9999 6 Digit Totaliser Plus x10, x100	O
496A20	K600/3 - Oil	6-60	70/994	10-2000	¾" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	O A B2
496A00	K600/3 - Diesel	10-100	30/426	2-5.35	1" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D H&G
491000	K600 B/3 80mm Display - Diesel	10-100	30/426	2-5.35	1" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D H&G
491010	K600 B/3 80mm Display - Oil	6-60	70/994	10-2000	¾" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	O
49700A	K600/4	15-150	20/284	2-2000	1 ½" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D O A B2 H&G
499000	K900	50-500	20/284	2-2000	3" F BSP Flanged	400µ	0.1 to 9999 6 Digit Totaliser Plus x10, x100	D O H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

K24 ATEX

K24 AdBlue

PIUSI

5-120lpm
FLOW RATE RANGE

+/-1%
ACCURACY

See page 73 for remote displays

RELATED PRODUCTS

| D DIESEL | W WATER | P PETROL | K KEROSENE | AB ADBLUE® | WS WINDSCREEN | HVO & GTL |

Piusi K24 Pulse Meter

› Turbine meter to measure the quantity of fluid that has been dispensed

› c/w reed switch pulsar to send the information to an external management system or remote display positioned either at or away from the dispensing point

› Bi-directional to allow flow to be counted either way (aluminium body only)

› +/-1% accuracy

› Working temperature -10°c/+50°c

› 88 pulses per litre

› Diesel, ATEX & AdBlue® versions available

› Standard diesel version is constructed of plastic, whereas ATEX version is a more sturdy aluminium model

› Compatible remote displays available as an option

Code	Description		Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Socket	Pulses (Per Litre)	Material	Fluids
F0040722A	K24 Plastic Pulsar		5-120	10/145	1" M BSP	1" M BSP	✓	88	Plastic	D W WS H&G
F00408Y00	K24 ATEX Pulsar	Ex	7-120	20/300	1" F BSP	1" M BSP		88	Aluminium	D P K H&G
F0040721B	K24 AdBlue® Pulsar		6-100	10/145	1" M BSP	1" M BSP	✓	88	Plastic	AB W WS

Inline

90 Degree

PIUSI

10-40lpm
FLOW RATE RANGE

+/-1%
ACCURACY

See page 73 for remote displays

RELATED PRODUCTS

| AB ADBLUE® | W WATER | WS WINDSCREEN |

Piusi Inline Turbinox

› Turbine meter to measure the quantity of fluid that has been dispensed

› Designed for use with AdBlue® but can be used with other fluids

› c/w reed switch pulsar to send the information to an external management system or remote display positioned either at or away from the dispensing point

› +/-1% accuracy

› Working temperature -10°c/+50°c

› 90 pulses per litre

› Inline and 90 degree versions available depending upon the installation

› Compatible remote displays available as an option

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Pulses (Per Litre)	Fluids
F00420000	Inline Turbinox	10-40	20-284	1" M BSP	1" M BSP	90	AB W WS
F00420010	90 Degree Turbinox	10-40	20-284	1" M BSP	¾" Hosetail	90	AB W WS

| D DIESEL | O OIL | GR GREASE | WS WINDSCREEN | A ANTIFREEZE | B2 B20 | HVO & GTL |

Piusi Oval Gear Pulse Meters

› Oval gear meter to measure the quantity of fluid that has been dispensed

› C/w pulse output to send the information to an external management system or remote display positioned either at or away from the dispensing point

› +/-0.5% accuracy (+/-0.3% for MK325 model)

› Working temperature -10°c/+60°c (+40°c for MK325 model)

› Pulses per litre depending upon model

› Aluminium measuring chamber (Stainless Steel MK325 model)

› Range of models available depending upon performance requirements and fluid applications

› Compatible remote displays available as an option

› **MK325 evaluation certificate to 2014/32/UE annex MI-004**

PIUSI

0.1-500lpm
FLOW RATE RANGE

+/-0.5%
ACCURACY

See **page 73** for remote displays

RELATED PRODUCTS

K200

K200HP

K400

K900

K600/4

K600/3

MK325

K700

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Viscosity (cSt)	Inlet/Outlet	Inlet Filter	Pulses (Per Litre)	Fluids
452030	K200HP	0.1-2.5	1000/14200	1-2000	⅛" F BSP		1400	D O GR B2 H&G
452000	K200	0.1-2.5	30/426	1-2000	¼" F BSP		1400	D O B2 H&G
F00440200	K400	1-30	70/994	5-2000	½" F BSP		100	D O A B2 H&G
472A20	K600/3 - Oil	6-60	70/994	10-2000	¾" F BSP Flanged	400µ	33	O A B2
472A00	K600/3 - Diesel	10-100	30/426	2-5.35	1" F BSP Flanged	400µ	35	D H&G
473000	K600/4	15-150	20/284	2-2000	1 ½" F BSP Flanged	400µ	26	D O A B2 H&G
498000	K700	25-250	20/284	2-2000	2" F BSP Flanged	400µ	14	D O A B2 H&G
499020	K900	50-500	20/284	2-2000	3" F BSP Flanged	400µ	10	D O A B2 H&G
F0047601P1505	MK325 MID Approvable	5-35	20/284	1-1.3	¾" F BSP		160	AB

PUMPS | FMS | METERS | HOSES | NOZZLES | ALARMS | GAUGES | FILTERS | FILL & VENT | VALVES | FITTINGS | TOOLS

Side Navigation
PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

PIUSI

| D DIESEL | O OIL | HVO & GTL |

Piusi K600 B/3 Pulse Meter

6-100lpm

FLOW RATE RANGE

+/-0.5%

ACCURACY

› Oval gear meter to measure the quantity of fluid that has been dispensed

› c/w pulse output to send the information to an external management system or a remote display positioned away from the dispensing point

› Large 80mm rotatable digital display eliminating the need for a remote display to view transactions at the dispensing point

› Variable pulse ratio for enabling the meter to be connected to any management system regardless of brand

› 5 digit partial totaliser, 6 digit totaliser & flow rate indication

› +/-0.5% accuracy

› Powered by two LR1 N-1.5v batteries

› Working temperature -30°c/+70°c

Code	Description	Flow Rate (lpm)	Pressure (bar/psi)	Inlet	Outlet	Pulses (Per Litre)	Totaliser	Fluids
492000	K600 B/3 Pulsar - Diesel	10-100	30/426	1" F BSP Flanged	1" F BSP Flanged	1, 2, 10, 20, 50, 100	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	D H&G
492010	K600 B/3 Pulsar - Oil	6-60	70/994	¾" F BSP Flanged	¾" F BSP Flanged	1, 2, 10, 20, 50, 100	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	O

PIUSI

| ANY FLUID |

Piusi Remote Display

Digital

DISPLAY TYPE

All Piusi

METER TYPE

See **pages 71-72 for pulse meters**

RELATED PRODUCTS

› Large digital display to allow the user to see the quantity of fluid that has been dispensed

› Calibration function

› 5 digit non-resettable totaliser, 6 digit totaliser & flow rate indication

› 1, 2, 10, 20, 50, 100 pulses per litre

› Low battery indication; 2 x AA batteries

› Basic display only versions or model with a pulse emitter to connect to other types of systems

› Range of models depending upon the pulse meter that the display is to be used in conjunction with (max cable length 15m)

Code	Description	Type	Meter	Totaliser	Batteries
F1175200A	Remote Display for K600	Pulse OUT	K600 Diesel	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA – 1.5v
F1175300A	Remote Display for K600/4	Pulse OUT	K600/4	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA – 1.5v
F1175400A	Remote Display for K700	Pulse OUT	K700	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA – 1.5v
F00495010	Universal Remote Display Pulse Out	Pulse OUT	K200, K400, K600/3, K600/4, K700	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA – 1.5v
F00495020	Universal Remote Display Pulse In	Pulse IN	All Piusi Pulse Out Displays	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA – 1.5v
F0049503B	Remote Display	Pulse OUT	Turbinox / K24	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA – 1.5v
R1152600A	Remote Display for K900	Pulse OUT	K900	0.1 to 9999 6 Digit Totaliser Plus x 10, x 100	2 x AA – 1.5v

HOSES & REELS

DELIVERY HOSES **75-81** | SUCTION HOSES **82-84**
HOSE REELS **85-88** | HEATING OIL LINES **89**
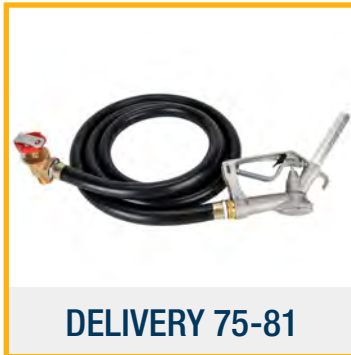
DELIVERY 75-81

SUCTION 82-84

HOSE REELS 85-88

HEATING LINES 89

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

25mm
HOSE ID

6m
MAX LENGTH

D DIESEL | **O** OIL | **K** KEROSENE | **HVO & GTL**

Gravity/Pump Diesel Delivery Hose

› Diesel delivery hose for gravity & low pressure pumping systems

› Diesel/oil resistant construction

› Anti-static soft wall with NBR cover

› Synthetic textile yarn reinforcement

› Anodised aluminium BSPT hose tails & ring ferrules

› Temperature -25°c/+70°c

› Different lengths available depending on requirements - for open ended hose see below product

› **Please note: These kits use the same hose as below premium assemblies but with different hose ends & ferrules**

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Hose Tails	Fluids
OAB3058	1" Diesel Delivery Hose 3m	3	25	34	10	1" M BSPT	D O K H&G
OAB3086	1" Diesel Delivery Hose 4m	4	25	34	10	1" M BSPT	D O K H&G
OAB3087	1" Diesel Delivery Hose 5m	5	25	34	10	1" M BSPT	D O K H&G
OAB3088	1" Diesel Delivery Hose 6m	6	25	34	10	1" M BSPT	D O K H&G

19-25mm
HOSE ID

60m
MAX LENGTH

D DIESEL | **O** OIL | **K** KEROSENE | **HVO & GTL**

Premium Gravity/Pump Diesel Delivery Hose

› Diesel delivery hose for gravity & low pressure pumping systems

› Diesel/oil resistant construction

› Anti-static soft wall with NBR cover

› Synthetic textile yard reinforcement

› Premium assemblies c/w swaged stainless steel full ferrules & 1" M BSP hose tails with sealing 'o' rings

› Different lengths available depending on requirements (¾" assemblies available on request)

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Hose Tails	Fluids
DEL3058	1" Diesel Delivery Hose 3m	3	25	34	10	1" M BSP	D O K H&G
DEL3086	1" Diesel Delivery Hose 4m	4	25	34	10	1" M BSP	D O K H&G
DEL3087	1" Diesel Delivery Hose 5m	5	25	34	10	1" M BSP	D O K H&G
DEL3088	1" Diesel Delivery Hose 6m	6	25	34	10	1" M BSP	D O K H&G
DEL3095	1" Diesel Delivery Hose Per Metre	Max 50	25	34	10		D O K H&G
DEL3091	1" Diesel Delivery Hose 50m Coil	50	25	34	10		D O K H&G
DEL1051	¾" Diesel Delivery Hose Per Metre	Max 50	19	27	10		D O K H&G
DEL1058	¾" Diesel Delivery Hose 50m Coil	50	19	27	10		D O K H&G

| D DIESEL | O OIL | K KEROSENE | P PETROL | HVO & GTL |

Parker Carbopress Diesel Delivery Hose

› Diesel delivery hose for low pressure pumping systems

› Usually supplied as standard on Piusi pump kits e.g. Cube, ST & Drum range

› Anti-static NBR/EPDM rubber cover

› Synthetic textile yarn reinforcement

› Swaged 1" M BSP fittings plus sealing 'o' rings

› Temperature -25°C/+80°C

› Different lengths available depending on requirements

Parker

19-25mm
HOSE ID

80m
MAX LENGTH

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Hose Tails	Fluids
8976	¾" Parker Diesel Delivery Hose 4m	4	19	27	10	1" M BSP	D O K H&G
F08945010	¾" Parker Diesel Delivery Hose 6m	6	19	27	10	1" M BSP	D O K H&G
F08977020	1" Parker Diesel Delivery Hose 4m	4	25	35	10	1" M BSP	D O K H&G
F08858000	1" Parker Diesel Delivery Hose 6m	6	25	35	10	1" M BSP	D O K H&G
F0060502APM	¾" Parker Diesel Delivery Hose Per Metre	1	19	27	10		D O K H&G
F0060602APM	1" Parker Diesel Delivery Hose Per Metre	1	25	35	10		D O K H&G
F0060502A	¾" Parker Diesel Delivery Hose 80m Coil	80	19	27	10		D O K H&G
F0060602A	1" Parker Diesel Delivery Hose 40m Coil	40	25	35	10		D O K H&G
F18151000	¾" Parker Petrol Delivery Hose 4m	4	19	27	10	1" M BSP	P D O K H&G

| P PETROL | D DIESEL | B1 B100 | HVO & GTL |

Goodyear Petrol Delivery Hose

› Delivery hose designed for petrol & fuel dispensing systems

› Chemigum rubber tube & steel wire braid reinforcement

› Crush, abrasion & weather resistant

› Tested & approved to EN1360

› Plated mild steel couplings c/w sealing gaskets

› Temperature -25°C/+88°C

› Different lengths available depending on requirements

GOODYEAR

19-25mm
HOSE ID

6m
MAX LENGTH

Code	Description	Length (m)/(ft)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Hose Tails	Fluids
OAB3077	¾" Petrol Delivery Hose 10ft	3.05/10	19	32	15.8	¾" M BSP	P D B1 H&G
OAB3078	¾" Petrol Delivery Hose 12ft	3.66/12	19	32	15.8	¾" M BSP	P D B1 H&G
OAB3076	¾" Petrol Delivery Hose 15ft	4.57/15	19	32	15.8	¾" M BSP	P D B1 H&G
OAB3075	¾" Petrol Delivery Hose 20ft	6.10/20	19	32	15.8	¾" M BSP	P D B1 H&G
OAB5003	1" Petrol Delivery Hose 10ft	3.05/10	25	38	15.8	1" M BSP	P D B1 H&G
OAB5004	1" Petrol Delivery Hose 12ft	3.66/12	25	38	15.8	1" M BSP	P D B1 H&G
OAB5013	1" Petrol Delivery Hose 15ft	4.57/15	25	38	15.8	1" M BSP	P D B1 H&G
OAB5014	1" Petrol Delivery Hose 20ft	6.10/20	25	38	15.8	1" M BSP	P D B1 H&G

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

J
JET FUEL

Continental JET™ Ranger Delivery Hose

25.4mm
HOSE ID

40m
MAX LENGTH

› Delivery hose for fuelling commercial & private aircrafts with jet fuel or higher aromatic aviation gasolines

› Chewigum nitrile synthetic rubber

› Spiral-plied synthetic fabric & nylon breaker reinforcement

› Diesel/oil & weather resistant cover

› 1" BSPT steel hose fittings

› Temperature range -37°C/+93°C

› ISO 1307, API 1529:2014 & BS EN 1361 TYPE C approved

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Hose Tails	Fluids
CTS2127	1" JET™ Ranger Delivery Hose 4m	4	25.4	38.5	20	1" M BSPT	J
CTS2128	1" JET™ Ranger Delivery Hose 8m	8	25.4	38.5	20	1" M BSPT	J
CTS2135	1" JET™ Ranger Delivery Hose 40m Coil	40	25.4	38.5	20		J

NEW

25mm
HOSE ID

6m
MAX LENGTH

D DIESEL   **O** OIL   **HVO & GTL**

Self 3000 Diesel Hose & Nozzle Kit

› A ready to fit nozzle and hose kit with Piusi Self 3000 manual nozzle & premium diesel delivery hose

› Ideal for when nozzle & hose on existing pumps needs replacing

› Diesel resistant, anti-static soft wall hose with NBR cover

› Nozzle c/w plastic anti-shock handle protector

› 1" BSP hose tails with sealing 'o' rings & swaged S/S full ferrules

› **Please note: These kits are not for gravity installations and are for non-resale refuelling applications only**

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Nozzle	Hose Tails	Fluids
OAB8052	Self 3000 Nozzle & Hose Kit 4m	4	25	34	Piusi Self 3000 Manual	1" BSP	D O H&G
OAB8053	Self 3000 Nozzle & Hose Kit 6m	6	25	34	Piusi Self 3000 Manual	1" BSP	D O H&G

NEW

25mm
HOSE ID

6m
MAX LENGTH

D DIESEL   **HVO & GTL**

Auto 60 Diesel Hose & Nozzle Kit

› A ready to fit nozzle and hose kit with Piusi Standard Auto 60 nozzle & premium diesel delivery hose

› Ideal for when nozzle & hose on existing pumps needs replacing

› Diesel resistant, anti-static soft wall hose with NBR cover

› Nozzle c/w 3 position stay open latch

› 1" BSP hose tails with sealing 'o' rings & swaged S/S full ferrules

› **Please note: These kits are not for gravity installations and are for non-resale refuelling applications only**

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Nozzle	Hose Tails	Fluids
OAB8050	Auto 60 Nozzle & Hose Kit 4m	4	25	34	Piusi Auto 60	1" BSP	D H&G
OAB8051	Auto 60 Nozzle & Hose Kit 6m	6	25	34	Piusi Auto 60	1" BSP	D H&G

Diesel Gravity Hose Kits

D DIESEL **O** OIL **K** KEROSENE **HVO & GTL**

25mm
HOSE ID

6m
MAX LENGTH

› Cost effective, ready-made solution for dispensing diesel from gravity-fed storage tanks supplied in plastic labelled bag

› 1" M BSPT aluminium hose tails & ring ferrules

› Piusi Self 2000 aluminium manual nozzle

› 1" M x F locking angle valve (padlock not supplied)

› Different lengths available depending on requirements

Code	Description	Hose Length (m)	Hose ID (mm)	Hose OD (mm)	Inlet	Fluids
OAB2250	3m Gravity Hose Kit	3	25	34	Locking Angle Valve	D O K H&G
OAB2251	4m Gravity Hose Kit	4	25	34	Locking Angle Valve	D O K H&G
OAB2252	5m Gravity Hose Kit	5	25	34	Locking Angle Valve	D O K H&G
OAB2253	6m Gravity Hose Kit	6	25	34	Locking Angle Valve	D O K H&G

Premium Diesel Gravity Hose Kits

D DIESEL **O** OIL **K** KEROSENE **HVO & GTL**

25mm
HOSE ID

6m
MAX LENGTH

› Cost effective, ready-made solution for dispensing diesel from gravity-fed tanks supplied in clip close bag with carry handle

› Swaged S/S full ferrules & 1" M BSP hose tails with sealing 'o' rings

› Piusi Self 2000 aluminium manual nozzle

› 1" M x F locking angle valve (padlock not supplied)

› PTFE tape supplied as standard

› Different hose lengths available depending on requirements

Code	Description	Hose Length (m)	Hose ID (mm)	Hose OD (mm)	Inlet	Fluids
OAB3350	3m Premium Gravity Hose Kit	3	25	34	Locking Angle Valve	D O K H&G
OAB3079	4m Premium Gravity Hose Kit	4	25	34	Locking Angle Valve	D O K H&G
OAB3080	5m Premium Gravity Hose Kit	5	25	34	Locking Angle Valve	D O K H&G
OAB3081	6m Premium Gravity Hose Kit	6	25	34	Locking Angle Valve	D O K H&G

Diesel IBC Gravity Hose Kits

D DIESEL **O** OIL **HVO & GTL**

19mm
HOSE ID

4m
MAX LENGTH

› Cost effective, ready-made solution for dispensing diesel from a bottom outlet, gravity-fed IBC

› ¾" diesel delivery hose c/w heavy duty hose clips

› Piusi Self 2000 aluminium manual nozzle c/w plastic hose tail

› 60 x 6 F Buttress IBC bottom adaptor x plastic hose tail

› Supplied in a plastic labelled bag

› Different lengths available depending on requirements

Code	Description	Hose Length (m)	Hose ID (mm)	Hose OD (mm)	Inlet	Fluids
OAB3200	3m Diesel IBC Gravity Hose Kit	3	19	27	Thread 60 x 6	D O H&G
OAB3201	4m Diesel IBC Gravity Hose Kit	4	19	27	Thread 60 x 6	D O H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Hoses & Reels / Delivery Hoses

Piusi AdBlue® Delivery Hose

AB ADBLUE® | **W** WATER | **C** CHEMICAL

19mm — HOSE ID

50m — MAX LENGTH

› Delivery hose for AdBlue® pump installations
› Supplied as standard with the Piusi AdBlue® IBC kits
› EPDM inner tube & outer cover c/w textile synthetic reinforcement
› Abrasion & weather resistant
› Temperature -30°C/+100°C
› Available to order by the metre or in coils

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Fluids
F14125050PMTR	AdBlue® Open Ended Delivery Hose Per Metre	Max 50	19	27	10	AB W C
F14125050	AdBlue® Open Ended Delivery Hose 50m Coil	50	19	27	10	AB W C

AdBlue® Delivery Hose

AB ADBLUE® | **W** WATER | **C** CHEMICAL

19mm — HOSE ID

25m — MAX LENGTH

› Delivery hose designed for manual AdBlue® pump installations
› PVC/119 inner tube
› PVC/702 outer cover
› Temperature -16°C/+60°C
› Available to order by the metre or in coils

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Fluids
OAB1055	AdBlue® Open Ended Delivery Hose Per Metre	Max 25	19	29	10	AB W C
OAB1055-25	AdBlue® Open Ended Delivery Hose 25m Coil	25	19	28	10	AB W C

AdBlue® Delivery Hose

AB ADBLUE® | **W** WATER | **C** CHEMICAL

19mm — HOSE ID

50m — MAX LENGTH

› Delivery hose designed for manual AdBlue® pump installations
› PVC BSS51 inner tube & PVC BSS40 fluted protective outer cover
› Polyester braid reinforcement
› Temperature -20°C/+70°C
› BS EN ISO 6224:2011, BS EN ISO 5774:2008
› Available to order by the metre or in coils

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Fluids
OAB1057	AdBlue® Open Ended Delivery Hose Per Metre	Max 50	19	28	7	AB W C
OAB1057-50	AdBlue® Open Ended Delivery Hose 50m Coil	50	19	28	7	AB W C

AB ADBLUE® **W** WATER **C** CHEMICAL

Continental 2" AdBlue® Delivery Hose

› Delivery hose for bulk dispensing into & out of AdBlue® tanks

› Pliosyn UHMWPE inner tube & EPDM cover

› Spiral-plied synthetic fabric with double wire helix reinforcement

› Temperature -40°C/+66°C

› Meets ISO 22241 standards for quality, safety & contamination

› Available to order by the metre or in coils

Ontinental

50.8mm
HOSE ID

30.5m
MAX LENGTH

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Fluids
OAB5999	2" AdBlue® Delivery Hose Per Metre	Max 30.5	50.8	64.8	13.7	AB W C
OAB5999/30-5	2" AdBlue® Delivery Hose 30m Coil	30.5	50.8	64.8	13.7	AB W C

AB ADBLUE® **W** WATER **C** CHEMICAL

Premium AdBlue® Gravity Hose Kit

› Ready-made solution for dispensing AdBlue® from a bottom outlet, gravity-fed IBC

› ¾" swaged EPDM AdBlue® delivery hose

› Piusi Suzzara Blue manual nozzle

› 60 x 6 IBC bottom adaptor & 1" F x F camlock fitting for easy removal from the IBC for added security

› Polypropylene hose tail & stainless steel clamp rings

› Different lengths available depending on requirements

19mm
HOSE ID

4m
MAX LENGTH

Code	Description	Hose Length (m)	Hose ID (mm)	Hose OD (mm)	Inlet	Fluids
AD-DELKIT3	3m AdBlue® Gravity Hose Kit	3	19	27	Thread 60 x 6	AB W C
AD-DELKIT4MTR	4m AdBlue® Gravity Hose Kit	4	19	27	Thread 60 x 6	AB W C

AB ADBLUE® **W** WATER **C** CHEMICAL

AdBlue® Gravity Hose Kit

› Simple & cost effective solution for dispensing AdBlue® from a bottom outlet gravity-fed IBC

› Two versions; one with clear spiral hose & one with black PVC hose with polyester braid reinforcement & S/S hose clips

› Manual nozzle supplied with hose tail inlet

› 60 x 6 IBC bottom adaptor & 1" F x F camlock fitting for easy removal from the IBC for added security

› Kits supplied in 3m or 4m lengths - other lengths upon request

19mm
HOSE ID

4m
MAX LENGTH

NEW

Black version

Code	Description	Hose Length (m)	Hose ID (mm)	Hose OD (mm)	Inlet	Fluids
AD-DELKIT007	AdBlue® Gravity Hose Kit 3m - Black	3	19	26	Thread 60 x 6	AB W C
AD-DELKIT008	AdBlue® Gravity Hose Kit 4m - Black	4	19	26	Thread 60 x 6	AB W C
AD-DELKIT013	AdBlue® Gravity Hose Kit 3m - Clear	3	19	26	Thread 60 x 6	AB W C
AD-DELKIT014	AdBlue® Gravity Hose Kit 4m - Clear	4	19	26	Thread 60 x 6	AB W C

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

½" M BSP
INLET

5m
MAX LENGTH

O
OIL

Piusi Oil Delivery Hose

› Delivery hose for oil dispensing applications commonly used in garage/workshop environments

› Comes as standard with the Piusi air operated oil pump kits

› Oil & weather resistant synthetic rubber construction

› High tensile braided steel wire reinforcement

› Coned inlet & outlets

› Available in 2m & 5m lengths

› Different lengths available upon request

› Hose reel version also available - **see page 88**

Code	Description	Length (m)	Inlet	Outlet	Max Pressure (bar)	Fluids
F19973000	½" Piusi Oil Delivery Hose 2m	2	½" F BSP	½" F BSP	150	O
F19974000	½" Piusi Oil Delivery Hose 5m	5	½" M BSPT	½" F BSP	150	O

PIUSI

¼" M BSP
INLET

6m
MAX LENGTH

GR
GREASE

Piusi Grease Delivery Hose

› Delivery hose for high pressure grease and hydraulic oil dispensing applications

› Comes as standard with the Piusi air operated grease pump kits

› Oil & weather resistant synthetic rubber construction

› High tensile two layers of braided steel wire reinforcement

› Coned inlet & outlets

› Available in 2m, 4m & 6m lengths

› Different lengths available upon request

› Hose reel version also available - **see page 87**

Code	Description	Length (m)	Inlet	Outlet	Max Pressure (bar)	Fluids
F20600000	¼" Piusi Grease Delivery Hose 2m	2	¼" M BSP	¼" F BSP	450	GR
F20601000	¼" Piusi Grease Delivery Hose 4m	4	¼" M BSP	¼" F BSP	450	GR
F20602000	¼" Piusi Grease Delivery Hose 6m	6	¼" M BSP	¼" F BSP	450	GR

D DIESEL **O** OIL **W** WATER

Plutone Diesel/Oil Suction Hose

19-25mm
HOSE ID

60m
MAX LENGTH

› Sturdy & durable suction hose for fuel pump installations (can also be used as delivery hose)

› Strong PVC/NBR inner layer

› Diesel resistant - can be submerged

› Shock resistant harmonic steel wire & polyester yarn reinforcement

› Crush, abrasion & weather resistant

› Temperature range -30°c/+80°c

› Available in an assembly, open ended per metre or special electrically continuous assembly

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Hose Tails	Fluids
PSH001	1" Plutone Suction Hose 1m	1	25	35	12	1" M BSP	D O W H&G
PSH002	1" Plutone Suction Hose 1.5m	1.5	25	35	12	1" M BSP	D O W H&G
PSH003	1" Plutone Suction Hose 2m	2	25	35	12	1" M BSP	D O W H&G
PSH004	1" Plutone Suction Hose 3.5m	3.5	25	35	12	1" M BSP	D O W H&G
PSH000	1" Plutone Suction Hose Per Metre	Max 60	25	35	12		D O W H&G
PSH34	¾" Plutone Suction Hose Per Metre	Max 30	19	27	12		D O W H&G
PSH000-60	1" Plutone Suction Hose 60m Coil	60	25	35	12		D O W H&G
PSH000-30	1" Plutone Suction Hose 30m Coil	30	25	35	12		D O W H&G
PSH34-30	¾" Plutone Suction Hose 30m Coil	30	19	27	12		D O W H&G

D DIESEL **O** OIL **W** WATER **K** KEROSENE **B1** B100 **HVO & GTL**

Vacupress Diesel/Oil Suction Hose

25mm
HOSE ID

60m
MAX LENGTH

› Sturdy & durable suction hose for fuel pump installations (can also be used as delivery hose)

› Strong & flexible PVC-PU Nitrilic rubber alloy

› Steel wire helix & polyester yarn reinforcement

› Crush, abrasion & weather resistant

› Temperature range -25°c/+55°c

› Deluxe version can be submerged

› Available in an assembly, open ended per metre or special electrically continuous assembly

› Hose only & assemblies also available in ¾", 1 ¼", 1 ½" and 2"

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Hose Tails	Fluids
VSH001	1" Vacupress Suction Hose 1m	1	25	35	12	1" M BSP	D O W K B1 H&G
VSH002	1" Vacupress Suction Hose 1.5m	1.5	25	35	12	1" M BSP	D O W K B1 H&G
VSH003	1" Vacupress Suction Hose 2m	2	25	35	12	1" M BSP	D O W K B1 H&G
VSH004	1" Vacupress Suction Hose 3.5m	3.5	25	35	12	1" M BSP	D O W K B1 H&G
VSH000	1" Vacupress Suction Hose Per Metre	Max 60	25	35	12		D O W K B1 H&G
VSH000D	1" Deluxe Vacupress Suction Hose Per Metre	Max 60	25	35	12		D O W K B1 H&G
VSH000-60	1" Vacupress Suction Hose 60m Coil	60	25	35	12		D O W K B1 H&G
VSH000-30	1" Vacupress Suction Hose 30m Coil	30	25	35	12		D O W K B1 H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

AB ADBLUE®   **W** WATER   **C** CHEMICAL

Piusi AdBlue® Suction Hose

19mm
HOSE ID

15m
MAX LENGTH

› Suction hose for AdBlue® pump installations

› Supplied as standard with the Piusi AdBlue® IBC kits (1.5m length)

› Anti-static & sulphur free EPDM rubber compound

› Synthetic textile fabric with embedded steel wire helix

› Temperature -40°C/+100°C

› Can be submerged with suitable hose ends

› Available open ended per metre or in coils

Code	Description	Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Fluids
F14124000PMTR	AdBlue® Suction Hose Per Metre	Max 15	19	30	10	AB W C
F14124000B	AdBlue® Suction Hose 15m Coil	15	19	30	10	AB W C

D DIESEL   **O** OIL   **W** WATER   **AB** ADBLUE®   **F** FOOD

Clear Diesel/Oil/Water Suction Hose

19-25mm
HOSE ID

30m
MAX LENGTH

See **pages 79-80** for other AdBlue® hoses
RELATED PRODUCTS

› Food grade general suction hose for pump and gravity installations (can also be used as a delivery hose)

› Transparent hose wall for visual indication of flow

› Strong & flexible PVC construction

› Shock resistant harmonic steel wire

› Temperature range -5°c/+60°c

› ¾" version popular for AdBlue® applications

› Available per metre – order as required

Code	Description	Max Length (m)	Hose ID (mm)	Hose OD (mm)	Max Pressure (bar)	Fluids
OAB5001	¾" Suction Hose Per Metre	30	19	26	10	D O W AB F H&G
OAB5000	1" Suction Hose Per Metre	30	25	35	10	D O W AB F H&G

PIUSI

D DIESEL   **O** OIL   **P** PETROL   **K** KEROSENE   **AB** ADBLUE®   **W** WATER   **HVO & GTL**

Piusi Suction Tubes

Plastic

Metal

1.1m
MAX LENGTH

Drums
USE WITH

› Telescopic suction downtube designed for dispensing from drums

› Plastic version for multi-fluid applications

› Metal version that is compatible for use with flammable liquids such as petrol

› Metal version available with either 1" BSP threaded end or with a 2" drum connector with integrated check valve

Code	Description	Material	Drum Connection	Length	Fluids
F08934	Telescopic Suction Tube	Plastic	1" BSP	535mm-1000mm	D O AB W H&G
F008934020	Metal Telescopic Suction Tube 1100mm	Metal	1" BSP	650mm - 1100mm	D O P K H&G
F008934010	Metal Telescopic Suction Tube 1800mm	Metal	2" Drum Valve	1700mm - 1800mm	D O P K H&G

Side tabs: PUMPS, FMS, METERS, HOSES, NOZZLES, ALARMS, GAUGES, FILTERS, FILL & VENT, VALVES, FITTINGS, TOOLS

| D DIESEL | O OIL | AB ADBLUE® | W WATER | HVO & GTL |

Piusi AF2 Drum Connector & Suction Tube

› Sturdy connector c/w 3 part downtube with flexible junctions for easy adaptation to the height of the drum/IBC

› ¾" 90° hose tail for direct hose connection

› Integrated suction filter to prevent contamination

› Breathing system to allow air to enter the drum during suction

› Internal ball mechanism to keep the pump primed

› Trisure and 2" BSP versions available for different drum types

1050mm
MAX LENGTH

Drums/IBCs
USE WITH

Code	Description	IBC Connection	Outlet	Max Length	Fluids
F20189000	AF2 Drum/IBC Suction Tube Trisure	Trisure 56 x 4 Male	1" M BSP c/w ¾" 90° Hose Tail	1050mm	D O AB W H&G
F20257000	AF2 Drum/IBC Suction Tube 2" BSP	2" BSP	1" M BSP c/w ¾" 90° Hose Tail	1050mm	D O AB W H&G

| AB ADBLUE® |

Piusi AdBlue® IBC/Drum Suction Tube

› 2-part suction downtube for dispensing from AdBlue® IBCs & drums

› CDS/SEC plug head for connecting to a CDS connector for example the Piusi SEC

› BSP or Trisure versions available depending upon the IBC or drum inlet connection

1.05m
MAX LENGTH

Drums/IBCs
USE WITH
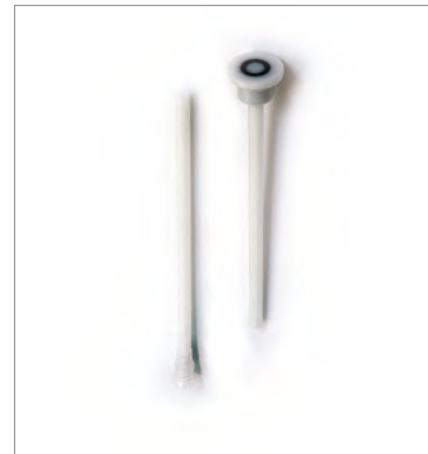
Code	Description	IBC Connection	Plug Head	Length	Fluids
F15606000	IBC Suction Tube Trisure	Trisure 56 x 4 Male	CDS/SEC	1050mm	AB
F15606020	IBC Suction Tube 2" BSP	2" BSP	CDS/SEC	1050mm	AB

| AB ADBLUE® |

Piusi IBC Bottom Outlet Kits

› Designed for connecting bottom outlet IBCs to the suction side of the pumping system

› IBC adaptor with 60 x 6 threads, 0.3m suction hose & check valve

› External suction hose kit has 1.1m of additional hose after the check valve for connecting to the pump

› Bottom connection kit is designed for when you already have a suction hose

60x6
INLET

¾"
OUTLET

Suction Hose

Connection Kit

Code	Description	Inlet	Outlet	Length	Check Valve	Fluids
F15515000	IBC External Suction Hose	Thread 60 x 6	¾" Hose	1.5m	✓	AB
F15515010	IBC Bottom Connection Kit	Thread 60 x 6	¾" Hose Tail	0.3m	✓	AB

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

See page 87 for mounting plates

RELATED PRODUCTS

PIUSI

D DIESEL · HVO & GTL

Piusi Diesel Hose Reels

15m

MAX HOSE CAPACITY

¾" or 1"

HOSE SIZE

› Automatic hose reels designed for low pressure diesel pumping systems including refuelling applications

› Sturdy steel structure for heavy duty conditions

› Protected latch mechanism to prevent injury to the hands

› Reduced pressure loss through correct sizing of the hydraulics

› Adjustable arm brackets for easy positioning

› ¾" or 1" models supplied bare or with a choice of hose lengths

› Bare reel c/w hose clamp, protection spring & hose stop

Code	Description	Hose Length (m)	Max Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Pressure Loss (bar)	Fluids
F00750080	¾" Empty Hose Reel 9.5m SMALL		10	10	1" M BSP Swivel	¾" Hose Barb	0.15 @ 60lpm	D H&G
F00750000	¾" Empty Hose Reel 14m		14	10	1" M BSP Swivel	¾" Hose Barb	0.15 @ 60lpm	D H&G
F00750010	1" Empty Hose Reel 10m		10	10	1" M BSP Swivel	1" Hose Barb	0.2 @ 80lpm	D H&G
F00750180	1" Empty Hose Reel 15m XL		15	15	1" F BSP Swivel	1" Hose Barb	0.4 @ 80lpm	D H&G
F00750090	¾" Hose Reel c/w 8m SMALL	8		10	1" F BSP Swivel	1" M BSP	0.6 @ 60lpm	D H&G
F00750040	¾" Hose Reel c/w 10m	10		10	1" F BSP Swivel	1" M BSP	0.7 @ 60lpm	D H&G
F00750100	¾" Hose Reel c/w 14m	14		10	1" F BSP Swivel	1" M BSP	0.6 @ 60lpm	D H&G
F00750020	1" Hose Reel c/w 8m	8		10	1" F BSP Swivel	1" M BSP	0.6 @ 80lpm	D H&G
F00750030	1" Hose Reel c/w 10m	10		10	1" F BSP Swivel	1" M BSP	0.7 @ 80lpm	D H&G
OAB2270	1m Whip Hose	1m		10	1" M BSP	1" M BSP		D H&G
OAB2271	1.5m Whip Hose	1.5m		10	1" M BSP	1" M BSP		D H&G
OAB2272	2m Whip Hose	2m		10	1" M BSP	1" M BSP		D H&G

D DIESEL · HVO & GTL

High Capacity Diesel Hose Reels

30m

MAX HOSE CAPACITY

1"

HOSE SIZE

15m

25m & 30m

› Automatic spring rewind hose reel designed for low pressure diesel pump systems including refuelling applications

› Thanks to the length of the hose they are ideal for where the vehicle being refuelled cannot easily reach the fuelling station

› ATEX versions for fuel dispensing in explosive environments

› Anti-static hose c/w anti-kink spring at the nozzle end & hose stop

› 4 roller guide to prolong hose life with adjustable arms

› Sturdy steel structure can be wall, floor and ceiling mounted

› 1" M BSP outlet for easy dispensing nozzle connection, which is uncommon on larger reels where conical fittings are often used

› ATEX versions certified: II 2G h IIB T6 T4 Gb -20°C ≤ Ta ≤ +65°C II 2D h IIIB 20°C 135°C Db -20°C ≤ Ta ≤ +65°C

Code	Description	Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Whip Hose	Fluids
HRHC2515	1" Hose Reel c/w 15m	15	10	1" F BSP Swivel	1" M BSP		D H&G
HRHC2525CTS	1" Hose Reel c/w 25m	25	10	1" F BSP Swivel	1" M BSP	1m	D H&G
HRHC2530CTS	1" Hose Reel c/w 30m	30	10	1" F BSP Swivel	1" M BSP	1m	D H&G
HRHC2515EX	1" ATEX Hose Reel c/w 15m ⟨Ex⟩	15	10	1" F BSP Swivel	1" M BSP		D H&G
HRHC2520EX	1" ATEX Hose Reel c/w 20m ⟨Ex⟩	20	10	1" F BSP Swivel	1" M BSP	1m	D H&G
OAB2270	1m Whip Hose	1m	10	1" M BSP	1" M BSP		D H&G

| D | O | K | AIR | W | HVO |
| DIESEL | OIL | KEROSENE | AIR | WATER | & GTL |

ATEX High Capacity Bare Hose Reels

30m
1" MAX HOSE CAPACITY

40m
3/4" MAX HOSE CAPACITY

› Automatic bare hose reel for mutli-purpose applications where a longer hose length is needed

› Spring rewind sturdy mild steel structure for heavy duty conditions

› Twin pedestal design to enhance performance & reliability

› Accessible flow path for easy hose installation

› 4 roller guide to prolong hose life with adjustable hose arms

› Externally mounted swivel assembly for easy maintenance

› Can be wall, floor and ceiling mounted

› ATEX approved to II 94/9 IIB 2 GD c T4 T135 °C X

Code	Description	Max 1" Hose Length (m)	Max ¾" Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Fluids
CTS2066	High Capacity Hose Reel (Ex)	15	20	20	1" F BSP	1" F BSP	D O K AIR W H&G
CTS2067	High Capacity Hose Reel - Large (Ex)	30	40	20	1" F BSP	1" F BSP	D O K AIR W H&G

ANY FLUID

Stainless High Capacity Hose Reels

30m
1" MAX HOSE CAPACITY

30m
3/4" MAX HOSE CAPACITY

› Automatic bare hose reel for multipurpose applications where a longer hose length is needed

› Sturdy stainless steel AISI 304 structure for heavy duty conditions

› Twin pedestal design to enhance performance & reliability

› Adjustable arm brackets for easy positioning

› Twin spring design

› 1" Male inlet swivel joint & viton seal with a 20mm flow path

› Conical 1" M BSP inlet/outlet threads

Code	Description	Max 1" Hose Length (m)	Max ¾" Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Fluids
CTS2064	Stainless Steel High Capacity Hose Reel	20	30	100	1" M BSP	1" M BSP	AF
CTS2065	Stainless Steel High Capacity Hose Reel - Larger	30		30	1" M BSP	1" M BSP	AF

| A | AIR | W |
| ANTIFREEZE | AIR | WATER |

Coolant Hose Reels

10m
MAX HOSE CAPACITY

¾"
HOSE SIZE

› Automatic spring rewind hose reel designed for the dispensing of coolant fluid

› Thanks to the length of the hose they are ideal for stretching to refill vehicles across multiple bays in a workshop

› Stainless steel centre shaft

› Rubber hose c/w hose stop

› 4 roller guide to prolong hose life with adjustable arms

› Can be wall, floor and ceiling mounted

Code	Description	Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Fluids
CTS2161	¾" Coolant Hose Reel c/w 10m Hose	10	18	1" F BSP	¾" F BSP	A AIR W

PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

Piusi Hose Reel Support Plates

ANY FLUID

› Support plates for the sturdy wall mounting of Piusi hose reels

› Fixed support plate is a cost effective mounting solution when the hose reel is not required to be rotated

› Rotating support plate is designed for applications where the direction of the hose reel needs to be flexible

› Small plate models designed for use with Piusi hose reels marked SMALL in the product table

Fixed Plate

Rotating Plate

Most Piusi — REEL TYPE

Wall — MOUNTING

Code	Description	Type	Hose Reel Models
F16298000	Fixed Support Plate	Fixed	For all Piusi hose reels (excl. SMALL & XL)
F17316000	Fixed Support Plate - Small	Fixed	For hose reels marked SMALL
F16279000	Rotating Support Plate	Rotating	For all Piusi hose reels (excl. SMALL & XL)
F17317000	Rotating Support Plate - Small	Rotating	For hose reels marked SMALL

Piusi AdBlue® Hose Reels

AB ADBLUE® W WATER C CHEMICAL

› Automatic hose reel designed for low pressure AdBlue® pumping

› Protected latch mechanism to prevent injury to the hands

› Reduced pressure loss through correct sizing of the hydraulic system

› Adjustable arm brackets for easy positioning

› Hose stop for locking at the chosen length

› Supplied either bare or complete with a choice of hose length

› Bare reel c/w hose fastening clamp & protection spring

15m — MAX HOSE CAPACITY

¾" — HOSE SIZE

See above for mounting plates — RELATED PRODUCTS

Code	Description	Hose Length (m)	Max Hose Length (m)	Max Pressure	Inlet	Outlet	Pressure Loss	Fluids
F00750060	AdBlue® Empty Reel SMALL		9.5	10 bar	¾" Swivel Hose Barb	¾" Hose Barb	0.1bar @ 35lpm	AB W C
F00750070	AdBlue® Reel c/w 8m SMALL	8		10 bar	¾" Swivel Hose Barb	¾" Open Hose	0.4bar @ 35lpm	AB W C
F00750110	AdBlue® Reel c/w 15m	15		10 bar	¾" Swivel Hose Barb	¾" Open Hose	0.6bar @ 35lpm	AB W C
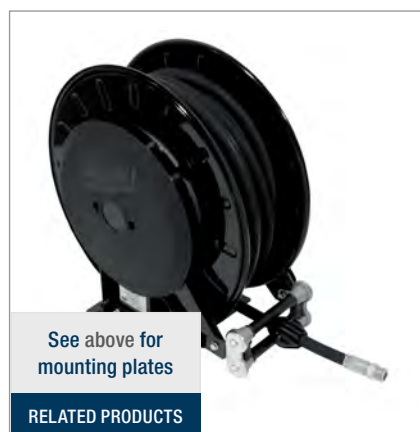
Piusi Grease Hose Reels

GR GREASE

› Automatic hose reels designed for high pressure grease dispensing systems in garage & workshop applications

› Sturdy steel structure for heavy duty conditions

› Rachet to prevent lockup when hose is completely extended

› 4 way rollers to facilitate the unrolling, avoiding friction than can cause wear to the hose

› Hose stop for locking at the chosen length

› Adjustable arm brackets for easy positioning

15m — MAX HOSE CAPACITY

¼" or ³⁄₈" — HOSE SIZE

See above for mounting plates — RELATED PRODUCTS

Code	Description	Hose Length (m)	Max Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Pressure Loss (bar)	Fluids
HN40151400	¼" Empty Reel 15m SMALL		15	400	¼" F BSP Swivel	¼" M BSP		GR
HN40153800	⅜" Empty Reel 15m SMALL		15	400	⅜" F BSP Swivel	⅜" M BSP		GR
HA40151400	¼" Reel c/w 15m SMALL	15		400	¼" F BSP Swivel	¼" M BSP	160 @ 600 gr/min	GR
HA40153800	⅜" Reel c/w 15m SMALL	15		400	⅜" F BSP Swivel	⅜" F BSP	140 @ 600 gr/min	GR

O
OIL

Piusi Oil Hose Reels

› Automatic open or closed hose reels designed for high pressure oil dispensing systems in garage & workshop applications

› Sturdy steel structure for heavy duty conditions

› Rachet to prevent lockup when hose is completely extended

› 4 way rollers to facilitate the unrolling, avoiding friction than can cause wear to the hose

› Hose stop for locking at the chosen length

› Adjustable arm brackets for easy positioning (open models only)

› Range of models supplied bare or with a choice of hose lengths

› Closed reel c/w a fixed support plate

PIUSI

20m
MAX HOSE CAPACITY

½" or ³/₈"
HOSE SIZE

See **page 87** for mounting plates
RELATED PRODUCTS

Open

Closed

Code	Description	Hose Length (m)	Max Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Pressure Loss (bar)	Fluids
HN60151200	½" Open Empty Hose Reel 15m SMALL		15	60	½" M BSP Swivel	½" M BSP 60° Cone Seat		O
HN60153800	⅜" Open Empty Hose Reel 15m SMALL		15	60	⅜" F BSP Swivel	⅜" F BSP 60° Cone Seat		O
HN60201200	½" Open Empty Hose Reel 20m		20	60	½" M BSP Swivel	½" M BSP 60° Cone Seat		O
HA60101200	½" Open Hose Reel c/w 10m SMALL	10		60	½" M BSP Swivel	½" M BSP 60° Cone Seat	10 @ 30lpm	O
HC60121200	½" Closed Hose Reel c/w 12m	12		60	½" M BSP Swivel	½" M BSP 60° Cone Seat	10 @ 30lpm	O
HA60151200	½" Open Hose Reel c/w 15m SMALL	15		60	½" M BSP Swivel	½" M BSP 60° Cone Seat	16 @ 30lpm	O
HA60201200	½" Open Hose Reel c/w 20m	20		60	½" M BSP Swivel	½" M BSP 60° Cone Seat	25 @ 30lpm	O
HA60153400	¾" Open Hose Reel c/w 15m	15		60	1" M BSP	¾" M BSP	4.5 @ 30lpm	O
HA60101000	1" Open Hose Reel c/w 10m	10		60	1" M BSP	1" M BSP	2 @ 30lpm	O

AIR | **W**
AIR | WATER

Piusi Air & Water Hose Reels

› Automatic open or closed hose reels designed for professional air use in garage & workshop environments

› Also compatible for use for commercial water dispensing applications

› Compact yet sturdy steel structure for heavy duty conditions

› Polyurethane hose reinforced with textile braid

› Protected latch mechanism to prevent injury to the hands

› 4 way rollers to facilitate unrolling, avoiding friction than can cause wear to the hose

› Hose stop for locking at the chosen length

› Easy & versatile installation through bracket pivots

PIUSI

15m
MAX HOSE CAPACITY

½" or ³/₈"
HOSE SIZE

See **page 87** for mounting plates
RELATED PRODUCTS

Open

Closed

Code	Description	Hose Length (m)	Max Pressure (bar)	Inlet	Outlet	Fluids
HA20151200	½" Open Hose Reel c/w 15m SMALL	15	20	½" M BSP Swivel	½" M BSP	AIR W
HA20153800	⅜" Open Hose Reel c/w 15m SMALL	15	20	⅜" F BSP Swivel	⅜" M BSP	AIR W
HC20121400A	10x14 Closed Hose Reel c/w 12m	12	20	10mm BSP Swivel	⅜" M BSP	AIR W
HC20151200A	8x12 Closed Hose Reel c/w 15m	15	20	8mm BSP Swivel	¼" M BSP	AIR W

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

Braided

TYPE

1000mm

MAX LENGTH

| **K** KEROSENE | **O** OIL | **D** DIESEL | **B3** B30 | **HVO & GTL** |

Braided Flexible Oil Line

› Braided flexible oil line for connecting pipework to the oil boiler of a heating oil system

› Inner hose is constructed of UNI9362 nitrile rubber

› Outer braid is constructed of galvanised steel mesh complient with ANCC standards

› Mechanically crimped connection ends

› Temperature range: -25°C to 90°C

› Different lengths & inlet/outlet fittings available depending upon individual installation

› **Please note: Only suitable for HVO & GTL from new**

Code	Description	Length (mm)	Inlet	Outlet	Tube Type	Fluids
FOL4001	Oil Line MEC ¼" F (90° Elbow) x ¼" F 900mm	900	¼" F BSP 90° Elbow	¼" F BSP	Braided	K O D B3 H&G
FOL4002	Oil Line MEC ¼" M (90° Elbow) x 3⁄8" F 900mm	900	¼" M BSP 90° Elbow	⅜" F BSP	Braided	K O D B3 H&G
FOL4003	Oil Line ¼" F (90° Elbow) x ¼" M 500mm	500	¼" F BSP 90° Elbow	¼" M BSP	Braided	K O D B3 H&G
FOL5003	Oil Line ¼" F x ¼" F 750mm	750	¼" F BSP	¼" F BSP	Braided	K O D B3 H&G
FOL5004	Oil Line ¼" F x ¼" F 1000mm	1000	¼" F BSP	¼" F BSP	Braided	K O D B3 H&G

Long Life

TYPE

900mm

MAX LENGTH

| **K** KEROSENE | **O** OIL | **D** DIESEL | **B3** B30 | **B2** B20 | **HVO & GTL** |

Long Life Flexible Oil Line

› Long life flexible oil line for connecting pipework to the oil boiler of a heating oil system

› Durable, flexible and resistant against sunlight & the environment

› Thermoplastic & rubber versions available

› Anti-kink & wipe clean (thermoplastic only)

› Different inlet/outlet fittings available depending upon individual installation

› **Please note: Only suitable for HVO & GTL from new**

Code	Description	Length (mm)	Inlet	Outlet	Tube Type	Fluids
FOL8040	Oil Line MEC ¼" F (90° Elbow) x ¼" F 900mm	900	¼" F BSP 90° Elbow	¼" F BSP	Thermoplastic	K O D B3 H&G
FOL8041	Oil Line MEC ¼" M (90° Elbow) x ⅜" F 900mm	900	¼" M BSP 90° Elbow	⅜" F BSP	Thermoplastic	K O D B3 H&G
FOL8043	Oil Line ¼" M (90° Elbow) x ¼" F 900mm	900	¼" M BSP 90° Elbow	¼" F BSP	Thermoplastic	K O D B3 H&G
FOL8068	Oil Line ¼" F (90° Elbow) x ¼" M 900mm	900	¼" F BSP 90° Elbow	¼" M BSP	Thermoplastic	K O D B3 H&G
FOL7154	Oil Line ¼" F x ¼" F 900mm	900	¼" F BSP	¼" F BSP	Thermoplastic	K O D B3 H&G
FOL7040	Oil Line MEC ¼" F (90° Elbow) x ¼" F 900mm	900	¼" F BSP 90° Elbow	¼" F BSP	Rubber	K O D B2 H&G
FOL7041	Oil Line MEC ¼" M (90° Elbow) x ⅜" F 900mm	900	¼" M BSP 90° Elbow	⅜" F BSP	Rubber	K O D B2 H&G
FOL7043	Oil Line ¼" M (90° Elbow) x ¼" F 900mm	900	¼" M BSP 90° Elbow	¼" F BSP	Rubber	K O D B2 H&G
FOL7068	Oil Line ¼" F (90° Elbow) x ¼"M 900mm	900	¼" F BSP 90° Elbow	¼" M BSP	Rubber	K O D B2 H&G

NOZZLES

FUEL 91-97

LUBE OIL 98-99

GREASE 100

ADBLUE® 102-103

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

| D DIESEL | O OIL | HVO & GTL |

Piusi Self 2000 Manual Nozzle

120lpm

MAX FLOW RATE

Manual

TYPE

See page 94 for nozzle holsters

ACCESSORIES

› Manual nozzle for diesel/oil dispensing in low & high flow rate conditions

› Robust yet cost effective solution suitable for both pump & gravity systems

› Die cast aluminium body c/w removable lever protection

› Integral hook for hanging nozzle without a holster

› Available with 1" F BSP Swivel or 1" Hose Tail

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet Connection	Fluids
641000	Piusi Self 2000 F Swivel	120	5	25	HNBR	1" F BSP Swivel	D O H&G
656000	Piusi Self 2000 Hose Tail	120	5	25	HNBR	1" Hose Tail	D O H&G

PIUSI

| D DIESEL | O OIL | P PETROL | K KEROSENE | HVO & GTL |

Piusi Self 3000 Manual Nozzle

150lpm

MAX FLOW RATE

Manual

TYPE

See page 94 for nozzle holsters

ACCESSORIES

› Manual nozzle for diesel/oil dispensing at higher flow & pressure than the alternative Self 2000

› Robust yet cost effective solution for both pump & gravity systems

› Aluminium body with plastic anti-shock handle protector for added comfort when in use

› Integral hook for hanging nozzle without a holster

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet Connection	Fluids
650000	Piusi Self 3000 F Swivel	150	10	25	HNBR	1" F BSP Swivel	D O H&G
65001A	Piusi Self 3000 F Swivel Unleaded	150	10	20	HNBR	1" F BSP Swivel	D O
65003A	Piusi Self 3000	150	10	20	HNBR	1" F BSP Swivel	D P K H&G

PIUSI

| D DIESEL | O OIL | W WATER | C CHEMICAL | HVO & GTL |

Piusi Plastic Manual Nozzle

80lpm

MAX FLOW RATE

Manual

TYPE

› Manual nozzle for the dispensing of diesel, oil, water & other fluids at good flow rates. White model can also dispense animal feed.

› Economy model suitable for both pump & gravity systems

› Polypropylene, lightweight body

› Integral hook for hanging nozzle without a holster

› Available with 1" F BSP Swivel or 1" Hose Tail

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet Connection	Fluids
630000	Piusi Plastic Nozzle - S (Black)	80	3.5	34	Viton	1" F BSP Swivel	D O W C H&G
F00630010	Piusi Plastic Nozzle - F (White)	80	3.5	34	Viton	1" Hose Tail	D O W C H&G

| D DIESEL | C CHEMICAL | HVO & GTL |

ZVA 19 Manual Nozzle

› Manual nozzle for diesel dispensing in both low & high flow rate conditions

› High quality, heavy duty model from well known ZVA brand

› Die cast aluminium construction

› Version specifically for pump installations and version for gravity systems available

› Versions available for use with diesel or chemicals

100lpm
MAX FLOW RATE

Manual
TYPE

See **page 94 for nozzle holsters**
ACCESSORIES

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet Connection	Fluids
PF5012	ZVA 19 – Diesel Gravity Nozzle	100	3.5	25	NBR	1" F BSP	D H&G
PF5013	ZVA 19 – Chemical Gravity Nozzle	100	3.5	25	PTFE	1" F BSP	C
PF5025	ZVA 19 - Chemical Pump Nozzle	100	3.5	25	PTFE	1" F BSP	C

| D DIESEL | B1 B100 | HVO & GTL |

Highspeed Manual Nozzle

› Manual nozzle for the high flow refuelling of large vehicles. heavy plant and agricultural machinery

› Designed for both pump & gravity systems

› Heavy duty cast aluminium body for durable use

› Integral hook for hanging nozzle without a holster

› C/w 1 1/2" F BSP Swivel

250lpm
MAX FLOW RATE

Manual
TYPE

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet	Fluids
PF5018S	High Speed Manual Nozzle c/w Swivel	250	6	48	Viton & Graphite	1 ½" F BSP Swivel	D B1 H&G

| D DIESEL | B1 B100 | K KEROSENE | HVO & GTL |

AD Tanker Manual Nozzle

› Manual nozzle for bulk, high flow delivery of heating oil & diesel usually to refill a storage tank

› For fitting to a fuel tanker delivery hose with anti-drain valve for wet hose systems

› Heavy duty cast aluminium body for durable use

› 2" swivel lugged outlet with removable spout

415lpm
MAX FLOW RATE

Manual
TYPE

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet	Fluids
PF3060	AD Tanker Nozzle	415	7	42	Viton	1 ½" F BSP Swivel	D B1 K H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

See page 94 for nozzle holsters

ACCESSORIES

PIUSI

| D DIESEL | R RAPSOIL | P PETROL | K KEROSENE | HVO & GTL |

Piusi Standard Auto Nozzle

120lpm

MAX FLOW RATE

Auto

TYPE

› Automatic nozzle for non-resale diesel refuelling of vehicles

› Automatically shuts off when vehicle tank is full

› 3 position stay open latch

› Different flow rate versions to select from based upon required speed of dispensing

› ATEX versions available for use in potentially flammable environments

› For pumping systems only

Code	Description	Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet Connection	Fluids
603060	Piusi Auto 60	10-63	3.5	24	1" F BSP Swivel	D H&G
603490	Piusi Auto 70	10-72	3.5	24	1" F BSP Swivel	D H&G
604030	Piusi Auto 80	20-80	3.5	29	1" F BSP Swivel	D H&G
610020	Piusi Auto 120	20-120	3.5	29	1" F BSP Swivel	D H&G
610200	Piusi Auto 140	20-140	3.5	29	1" F BSP Swivel	D H&G
613020	Piusi ATEX Auto 60 (Ex)	10-60	3.5	20	1" F BSP Swivel	D P K H&G
F22675000	Piusi ATEX Auto 140 (Ex)	20-140	3.5	29	1" F BSP Swivel	D P K H&G

See page 94 for nozzle holsters

ACCESSORIES

80lpm

MAX FLOW RATE

Auto

TYPE

| D DIESEL | B1 B100 | HVO & GTL |

Professional Auto Nozzle

› Automatic nozzle for non-resale diesel refuelling of vehicles

› Automatically shuts off when vehicle tank is full

› Version for use only with diesel and version compatible with biodiesel up to B100

› 2 position stay open latch (diesel only version)

› Supplied as standard with No 4 trigger guard

› Splash guards available upon request

› For pumping systems only

Code	Description	Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet Connection	Fluids
PF5023	Professional Auto Nozzle	10-80	4	25	1" F BSP Swivel	D H&G
PF5024	Professional Auto Nozzle – B100	10-80	4	25	1" F BSP Swivel	D B1 H&G

See page 94 for nozzle holsters

ACCESSORIES

ZVA

80lpm

MAX FLOW RATE

Auto

TYPE

| D DIESEL | P PETROL | K KEROSENE | HVO & GTL |

ZVA Slimline 2 Auto Nozzle

› High quality, heavy duty model from well known ZVA brand, approved for refuelling in resale pumping applications

› Automatically shuts off when vehicle tank is full

› 2 position stay open latch which can be disabled

› ATEX approved for use in flammable environments

› Supplied as standard with No 4 trigger guard

› Splash guards available upon request

› For pumping systems only

Code	Description	Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet Connection	Fluids
PF5001	ZVA Slimline 2 - ¾"	10-80	3.5	25	¾" F BSP Swivel	D P K H&G
PF5017	ZVA Slimline 2 - 1"	10-80	3.5	25	1" F BSP Swivel	D P K H&G

D	P	HVO
DIESEL	PETROL	& GTL

ZVA 25/32 Auto Nozzles

› High flow nozzles approved for refuelling in resale pumping applications from well known ZVA brand

› Automatically shuts offs when vehicle tank is full

› 2 position stay open latch which can be disabled

› Supplied with black scuff guard

› Two versions available depending upon the flow rate and pressure requirements of the installation

› Supplied as standard with No 4 trigger guard

› Splash guards available upon request

› For pumping systems only

200lpm

MAX FLOW RATE

Auto

TYPE

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Fluids
PF5002	ZVA 25 High Flow Nozzle	140	3.5	31	1" F BSP Swivel	D P H&G
PF5003	ZVA 32 High Flow Nozzle	200	6	38	1 ½" M BSP Swivel	D P H&G

D	HVO
DIESEL	& GTL

Piusi A280 Auto Nozzle

› Automatic nozzle for high flow refuelling of large vehicles & heavy duty plant and agricultural machinery

› Automatically shuts offs when vehicle tank is full

› Large hand opening to accommodate for gloves

› Highest flow rate model in the Piusi range with large bore spout

› For pumping systems only

280lpm

MAX FLOW RATE

Auto

TYPE

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Fluids
F13249	Piusi A280 High Flow Nozzle	280	3.5	35	1 ½" F BSP Swivel	D H&G

ANY FLUID

Piusi Nozzle Holsters

Universal Nozzle Holster - Metal

› Metal, adjustable universal nozzle hanger

› Designed to fit the Piusi Self 2000, Self 3000 & Piusi Standard Auto nozzle, but accepts most nozzles

Nozzle Support - Plastic

› Small, reversible circular nozzle support for resting spout inside

› Designed to fit the Piusi Self 2000, Self 3000 & Piusi Auto 60 one way, Auto 80 & 120 the other way

Most Piusi

NOZZLE TYPE

Wall/Tank

MOUNTING

Holster

Support

Code	Description	Material	Type	Fluids
F11806000	Piusi Universal Nozzle Holster - Metal	Metal	Adjustable holster	AF
R15244000	Piusi Nozzle Support - Plastic	Plastic	Circular support	AF

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

The UK Official Husky Distributor

What sets the Husky fuel nozzle range apart from other models?

FEATURED

Anti Air Lock Feature (1)

Flo-Stop® Device (5)

Loss Motion Latch Pin (4)

Replaceable Spout Available (11)

Reinforced Spout Bushing (2)

Dual Poppet (13)

Increased Pressure Closing Poppet (8)

StreamShaper® (6)

Sensing Port Behind Spout (3)

Delrin Tipped Stem (9)

Torsion Clip Spring (10)

Full Metal Hand Guard (12)

Auto Flick Off Hold Open Clip (7)
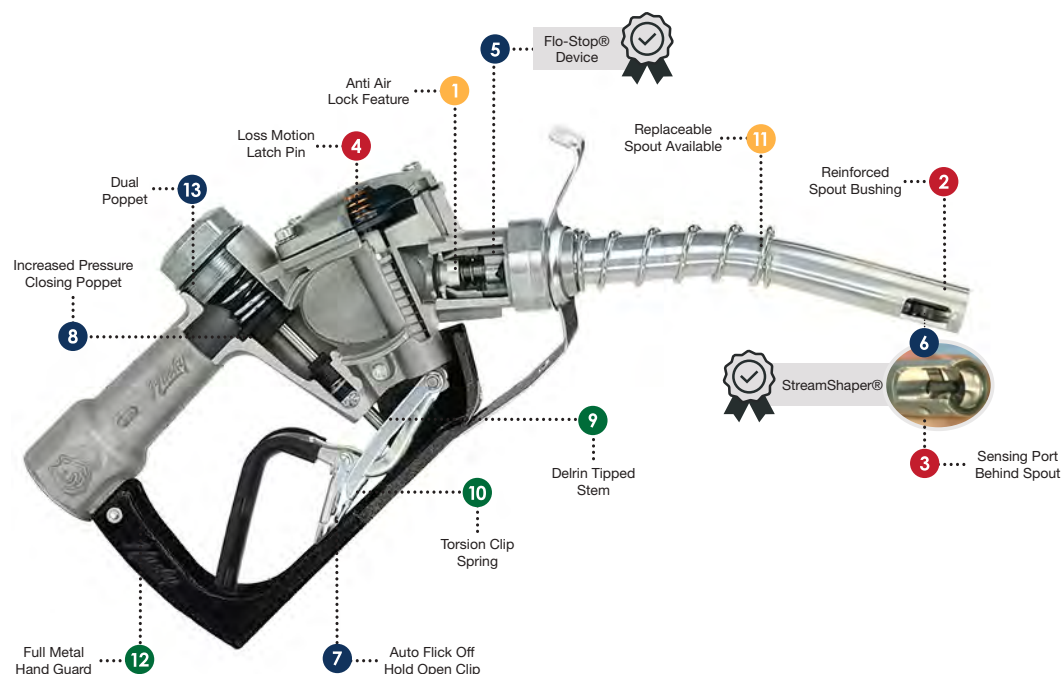
Husky®
A BREED APART

YELLOW = EASY & COST EFFICIENT SERVICEABILITY.

RED = LESS NUISANCE CLICK OFFS.

BLUE = LESS FUEL SPILLAGES.

GREEN = INCREASED DURABILITY.

Each nozzle in the Husky range has a selection of enhanced features that ensure both safety and serviceability

Loss motion latch pin – working in conjunction with a spring loaded diaphragm, it greatly reduces nuisance click offs and splash back spillages

Patented Flo-Stop® device – nozzle shuts off when spout is raised above the horizontal or falls from the fill tank to prevent spillages and loss of fuel

Reinforced spout bushing – spout tip and inner diameter remain unworn even after excessive use, preventing nuisance click offs and splash back

Sensing port behind spout – behind the spout rather than at the end of it, ensuring the sensor is not subject to wear that increases its sensitivity and causes nuisance click offs

Patented Stream Shaper® - reduces turbulence and velocity for a straighter flow, ensuring less splash back spillage

Delrin tipped stem – reduces lever pad wear and allows more positive low flow shut off

	X	1GS	VIII	1690
Loss motion latch pin	✓	✓	✓	✓
Flo-stop® device	✓	✓	✓	
Reinforced spout bushing	✓	✓*	✓	
Sensing port behind spout	✓	✓	✓	✓
StreamShaper®	✓	✓*		
Delrin tipped stem	✓	✓	✓	
Torsion clip spring	✓	✓	✓	
Auto flick off three position hold open clip	✓	✓	✓	
Full metal hand guard	✓	✓	✓	✓
Increased pressure closing poppet	✓	✓	✓	✓
Anti-air lock feature		✓		
Dual poppet			✓	✓
Replaceable spout	✓	✓	✓	✓

* Optional with Stream Shaper® spout assembly

Torsion clip spring – enhances lever durability and prevents breakages

Three position hold open clip – requires only one hand to open nozzle and then put hold open latch on. If nozzle hits ground, latch flicks off and shuts off flow even when put in lock position

Anti-air lock feature – stops nozzle from having to be removed from the hose when priming the pump

Dual poppet – for easier opening of the nozzle when high system pressure is present due to high flow

Increased pressure closing poppet – when more pressure is applied e.g. someone stands on hose, the poppet shuts the nozzle off to prevent leakage rather than pushing fuel out of spout and onto forecourt

Full metal hand guard – for enhanced durability

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

D DIESEL · **HVO & GTL**

Husky X-Mate Auto Nozzle

› For non-resale diesel refuelling of commercial vehicles & cars, and pumping systems only

› Automatically shuts off when vehicle tank is full

› Flo-stop® device shuts off flow when spout is raised or falls out

› Smaller OD models for refuelling vehicles with difficult fill points

› Stream Shaper® as standard on smaller & larger OD models

› One piece metal casting for durability with mate (half) scuff guard

60lpm
MAX FLOW RATE

Auto
TYPE

See page 95 for enhanced features
INFORMATION

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Stream Shaper	Version c/w 1" F BSP Swivel	Fluids	
HU-E159416-04	Husky X-Mate Nozzle Small UL	53	3.5	20.6	¾" F BSP	✓	HU-E159416-04-SW	D	H&G
HU-E159415-04	Husky X-Mate Nozzle Large LDD	60	3.5	23.8	¾" F BSP	✓	HU-E159415-04-SW	D	H&G

D DIESEL · **HVO & GTL**

Husky 1-GS Auto Nozzle

› For refuelling larger vehicles and agricultural machinery, and pumping systems only

› Automatically shuts off when vehicle tank is full

› Flo-stop® device shuts off flow when spout is raised or falls out

› Anti-air lock feature for priming of pump without removing nozzle

› Integrated hook for hanging nozzle without a holster

› Aluminium body for heavier duty applications with full scuff guard

› Stream Shaper® can be fitted with the optional spout assembly

100lpm
MAX FLOW RATE

Auto
TYPE

See page 95 for enhanced features
INFORMATION

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Stream Shaper	Version c/w 1" F BSP Swivel	Fluids	
HU-696238-04	Husky 1GS Nozzle	100	3.5	28.57	1" F BSP		HU-696238-04-SW	D	H&G
HU-1471	Stream Shaper Spout Assembly			23.8		✓		D	H&G

D DIESEL · **HVO & GTL**

Husky VIII Auto Nozzle

› For high flow refuelling of large agricultural & plant machinery, and pumping systems only

› Automatically shuts off when vehicle tank is full

› Flo-stop® device shuts off flow when spout is raised or falls out

› Free-floating turbulent flow reducer for ensuring a streamline flow

› Aluminium body for heavier duty applications with full scuff guard c/w waffle guard to protect against splash backs

› High flow swivel available for maintaining 250lpm if flow rate is vital

250lpm
MAX FLOW RATE

Auto
TYPE

See page 95 for enhanced features
INFORMATION

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Fluids	
HU-749338-04	Husky VIII High Flow Nozzle	250	3.5	32.8	1" F BSP	D	H&G
HU-749338-04-SW	Husky VIII High Flow Nozzle Swivel	170	3.5	32.8	1" F BSP Swivel	D	H&G
PF5029	Husky VIII Offshore Nozzle	250	6	32.8	1" F BSP	D	H&G
HU-6949	Husky High Flow Swivel	250			1" F BSP Swivel	D	H&G

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

See page 95 for enhanced features

INFORMATION

375lpm

MAX FLOW RATE

Auto

TYPE

D DIESEL **HVO & GTL**

Husky 1690 Auto Nozzle

› Heavy duty nozzle for high flow, bulk fuel transfer applications such as rail, tanker or filling storage tanks

› For pumping systems only

› Automatically shuts off when vehicle tank is full

› 30% lighter than similar models for easy handling

› Right angle design to allow the nozzle to fit close to walls

› Large hand opening to accommodate for gloves

› Check valve in nozzle body rather than spout for easy serviceability

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Fluids
HU-169038	Husky 1690 Tank Nozzle	375	3.5	35	1 ½" F BSP	D H&G
HU-169038-SW	Husky 1690 Tank Nozzle Swivel	375	3.5	35	1 ½" F BSP Swivel	D H&G

190lpm

MAX FLOW RATE

Auto

TYPE

J JET FUEL

Husky Osprey Aviation Nozzle

› Specifically for over-the-wing refuelling of aircraft

› For pumping systems only

› Automatically shuts off when aircraft tank is full

› Easy to service 100 mesh stainless steel fuel filter screen

› One piece aluminium body for enhanced durability

› Full red scuff guard to identify use with aviation fuel & waffle guard

› Spout cap & chain & ground cable with clip for earthing the nozzle to the aircraft

› Pressure sensing valve to only release fuel when pump's operating

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Fluids
HU-1212340	Husky Osprey S Aviation Nozzle	190	3.5	30.2	1" F BSP	J

380lpm

MAX FLOW RATE

Manual

TYPE

J JET FUEL

Husky Eagle Aviation Nozzle

› Specifically for over-the-wing refuelling of aircraft

› Heavy duty, high flow manual nozzle with handle guard & side protection

› c/w both duck bill jet & round aviation swivelling fuel spouts & spout caps

› Easy to service 100 mesh stainless steel fuel filter screen

› Easy operation, fingertip sensitivity & adjustable closing speed

› Meets EI 1540 and NPFA 407 standards

› Suitable for AVGAS, AVJET A1, Aspen 2, Aspen 4

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet	Fluids
HU-11629173	Husky Eagle Aviation Nozzle	380	3.5	38.1	1 ½" F BSP Swivel	J

Piusi K500 Pre-set Nozzle

O OIL

› Pre-set oil dispensing nozzle c/w automatic spout that shuts off when the selected quantity has been dispensed

› Trigger protection to prevent accidental operation outside of the pre-set transaction and articulated spout to fill at different angles

› +/-0.5% accuracy & changeable unit of measure

› Pre-select range 0.1-99.9 litres

› Viscosity up to 2000cSt

› For lubricating oils - not suitable for dielectric oils

› For gear pump use only

30lpm — MAX FLOW RATE

Rigid — SPOUT TYPE

Code	Description	Max Flow Rate (lpm)	Pressure Range (bar)	Spout Type	Inlet Connection	Batteries	Fluids
68700B	Piusi K500 Pre-set Nozzle	30	6 - 70	Rigid	½" F BSP Swivel	4 x AA – 1.5v	O

Piusi Easyoil Nozzle

O OIL **WS WINDSCREEN**

› Dispensing nozzle designed for oil filling operations in a garage, workshop or industrial environment

› Swivel inlet contains wire mesh filter

› Trigger lock to prevent accidental operation

› Balanced valve to reduce pressure on the trigger

› Other spout configurations available upon request

› Colour coded hand grips & swivel protectors available on request

30lpm — MAX FLOW RATE

Rigid/Flexi — SPOUT TYPE

Code	Description	Max Flow Rate (lpm)	Pressure Range (bar)	Spout Type	Inlet Connection	Fluids
966130	Piusi Easyoil Rigid Spout	30	4 - 70	Rigid	½" F BSP Swivel	O
966140	Piusi Easyoil Flexi Spout	30	4 - 70	Flexi	½" F BSP Swivel	O
976W10	Piusi Easyoil Windscreen	30	0 - 25	Plastic	½" F BSP Swivel	WS W

Piusi K400 Nozzle

O OIL **WS WINDSCREEN**

› Easyoil nozzle with integrated K400 digital meter (+/-0.5% accuracy)

› Swivel inlet contains wire mesh filter

› Trigger lock to prevent accidental operation

› Automatic non-drip valve on spout versions

› Other spout configurations available upon request

› Colour coded hand grips & swivel protectors available on request

30lpm — MAX FLOW RATE

Rigid/Flexi — SPOUT TYPE

Code	Description	Max Flow Rate (lpm)	Pressure Range (bar)	Spout Type	Inlet Connection	Fluids
F00984000	Piusi K400 Nozzle Rigid Spout	30	4 - 70	Rigid	½" F BSP Swivel	O Up to 2000cSt
F00984010	Piusi K400 Nozzle Flexi Spout	30	4 - 70	Flexi	½" F BSP Swivel	O Up to 2000cSt
F00984040	Piusi K400 Nozzle No Spout	30	4 - 70	No	½" F BSP Swivel	O Up to 2000cSt
976W00	Piusi K400 Nozzle Windscreen	30	0 - 25	Plastic	½" F BSP Swivel	WS

PUMPS | FMS | METERS | HOSES | NOZZLES | ALARMS | GAUGES | FILTERS | FILL & VENT | VALVES | FITTINGS | TOOLS

PIUSI

0 OIL

30lpm
MAX FLOW RATE

Rigid/Flexi
SPOUT TYPE

Piusi K40 Nozzle

› Easyoil nozzle with integrated K40 mechanical meter (+/-1% accuracy)
› Swivel inlet contains wire mesh filter
› Trigger lock to prevent accidental operation
› Viscosity up to 500cSt
› Other spout configurations available upon request
› Colour coded hand grips & swivel protectors available on request

Code	Description	Max Flow Rate (lpm)	Pressure Range (bar)	Spout Type	Inlet Connection	Fluids
F00973030	Piusi K40 Nozzle Rigid Spout	30	4 - 70	Rigid	½" F BSP Swivel	O
F00973020	Piusi K40 Nozzle Flexi Spout	30	4 - 70	Flexi	½" F BSP Swivel	O
F00973000	Piusi K40 Nozzle No Spout	30	4 - 70	No	½" F BSP Swivel	O

PIUSI

0 OIL

90lpm
MAX FLOW RATE

Rigid/Flexi
SPOUT TYPE

Piusi Pistol-One Nozzle

› High capacity nozzle designed for high flow, heavy duty oil filling applications even at high pressures
› Swivel inlet contains wire mesh filter
› Balanced valve to reduce pressure on the trigger
› Versions with rigid or flexible spout available
› Non-drip semi-automatic valve on spout versions

Code	Description	Max Flow Rate (lpm)	Pressure Range (bar)	Spout Type	Inlet Connection	Fluids
F00640010	Piusi Pistol-One Rigid Spout	90	4 - 100	Rigid	¾" F BSP Swivel	O
F00640020	Piusi Pistol-One Flexi Spout	90	4 - 100	Flexi	¾" F BSP Swivel	O
F00640000	Piusi Pistol-One No Spout	90	4 - 100	None	¾" F BSP Swivel	O

PIUSI

0 OIL

60lpm
MAX FLOW RATE

Rigid/Flexi
SPOUT TYPE

Piusi Next/2 Nozzle

› High capacity nozzle designed for high flow, heavy duty oil filling applications even at high pressures
› Integrated Next/2 digital meter with +/- 0.5% accuracy
› Swivel inlet contains wire mesh filter
› Balanced valve to reduce pressure on the trigger
› Versions with rigid or flexible spout available
› Non-drip semi-automatic valve on spout versions

Code	Description	Max Flow Rate (lpm)	Pressure Range (bar)	Spout Type	Inlet Connection	Fluids
F00974010	Piusi Next/2 Rigid Spout	6-60	4 - 70	Rigid	¾" F BSP Swivel	O
F00974020	Piusi Next/2 Flexi Spout	6-60	4 - 70	Flexi	¾" F BSP Swivel	O
F00974000	Piusi Next/2 No Spout	6-60	4 - 70	None	¾" F BSP Swivel	O

GR
GREASE

Piusi Greaster

› Grease dispensing nozzle with integrated oval gear meter

› Lever lock to avoid accidental opening of valve

› +/- 3% accuracy

› LCD display showing resettable batch total (gr) for individual operations and a cumulative consumption total (kg)

› Two 1.5v AA battery compartment integrated in the aluminium constructed nozzle handle

PIUSI

2.5kg/min

MAX FLOW RATE

Rigid

SPOUT TYPE

Code	Description	Flow Rate (kg/min)	Max Pressure (bar)	Spout Type	Inlet Connection	Outlet Connection	Fluids
431000	Piusi Greaster	0.1-2.5	550	Rigid	¼" F BSP Z Swivel	M 10 x 1	GR

GR
GREASE

Piusi Grease Control Nozzle

› Grease nozzle for the dispensing point of an air operated grease pump installation

› Spring type pistol trigger

› C/w a rigid spout hose with 4 jaw connector

› Straight & Z swivels are available as inlet accessories

PIUSI

Manual

TYPE

Rigid

SPOUT TYPE

Code	Description	Max Pressure (bar)	Inlet Connection	Spout	Fluids
F20605000	Piusi Grease Control Nozzle 4 Jaw Coupler	470	¼" F BSP	Rigid	GR
CTS3006	¼" Straight Swivel				GR
GV9002	¼" Z Swivel				GR

GR
GREASE

Annex Side Lever Grease Gun

› Manual grease gun for simple and cost effective grease dispensing

› Popular for automotive, agricultural and industrial applications

› Two-way loading - accepts 400g cartridge or 500cc bulk fill

› c/w both rigid and flexible spout for application preference

› Finger grip handle on lever and knurled barrel for user comfort and non-slip grip

› Air release valve to ensure prime

Manual

POWER

Rigid/Flexi

SPOUT TYPE

Code	Description	Cartridges	Spout Type	Bulk Fill	Jaw Connection	Fluids
CTS3005	Side Lever Grease Gun	400g	Rigid & Flexi	500 CC	4	GR

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

65lpm

MAX FLOW RATE

Manual

TYPE

W
WATER

Wash Down Guns

› Heavy duty wash down gun for industrial cleaning and washing down after spillages

› Blue rubber cover for user comfort and durability

› Adjustable spray pattern with use of trigger

› Brass body and Stainless Steel internals

› Max water temperature 50°c

› EPDM seals

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Inlet Connection	Fluids
CTS1056	Wash Down Gun	65	25	½" F BSP	W

45lpm

MAX FLOW RATE

Manual

TYPE

C
CHEMICAL

Manual Lever Chemical Nozzle

› Manual nozzle for the dispensing of chemicals

› Lever mechanism at the rear of nozzle which releases the fluid

› Complete 304 stainless steel construction

› Viton seals

› 1" M BSP thread incorporated into the body of the nozzle

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet Connection	Fluids
PF617	Manual Lever Chemical Nozzle	45	6	28	1" M BSP	C

Husky

53lpm

MAX FLOW RATE

Auto

TYPE

Husky Wine/Whiskey Auto Nozzle

› Designed specifically for the dispensing of wine and whiskey during the distillery process

› Automatically shuts off when container being filled is full

› Modular design allowing the nozzle to be disassemble and cleaned

› Stainless Steel casting with mate (half) scuff guard

› Plastic hand guard and comfort level

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Inlet Connection	Fluids
HU-8528104	Husky Wine/Whiskey Nozzle	53	3.5	20.6	1" F BSP	

AB ADBLUE® **W** WATER

Piusi Suzzara Blue Manual Nozzle

› Manual nozzle for the cost effective dispensing of AdBlue®

› Suitable for both pump & gravity fed installations

› Polypropylene body with a stainless steel spout

› Integral hook for hanging nozzle without a holster

› Removable 3/4" hose tail inlet leaving 1" M BSP if required

PIUSI

80lpm
MAX FLOW RATE

Manual
TYPE

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet Connection	Fluids
F14280000	Suzzara Blue Manual Nozzle	80	3.5	19	Viton	¾" Hose Barb/1" M BSP	AB W

AB ADBLUE® **W** WATER

Piusi Stainless Steel Auto Nozzle

› Automatic nozzle designed for the dispensing of AdBlue® within pump installations

› Automatically shuts off when vehicle tank is full

› Stainless steel body & spout with plastic guard for comfort

› 3 position stay open latch

› 3/4" swivel hose tail for easy hose connection by means of a stainless steel jubilee clip

PIUSI

60lpm
MAX FLOW RATE

Auto
TYPE

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet Connection	Fluids
F00619030	Piusi S/S Auto Nozzle c/w Swivel	60	3.5	19	Viton	¾" Hose Barb Swivel	AB W
F0061902A	Piusi S/S Auto Nozzle	60	3.5	19	Viton	¾" BSP	AB W

AB ADBLUE® **W** WATER

ZVA AdBlue® Auto Nozzle

› High quality, heavy duty model from well known ZVA brand, approved for reasle AdBlue® pumping applications

› Automatically shuts off when vehicle tank is full

› 2 position stay open latch which can be disabled

› Only dispenses when in contact with a Elafix 40 magnetic adaptor fitted in the fill point to prevent miss-filling into a diesel tank

› Available with ¾" hose barb swivel or 1" M BSPP swivel

ZVA

40lpm
MAX FLOW RATE

Auto
TYPE

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Seal Material	Inlet Connection	Fluids
F00619040	ZVA AdBlue® Nozzle ¾" Hose Barb	40	3.5	19	Viton	¾" Hose Barb Swivel	AB W
PF5032	ZVA AdBlue® Nozzle 1" M BSPP	40	3.5	19	Viton	1" M BSPP Swivel	AB W
F15165000	Elafix 40 Magnetic Adaptor						AB W

Prevent the costly miss-filling of AdBlue® with the SB325_X magnetic spout nozzle

FEATURED

SB325_X Nozzle Meter

PIUSI

35lpm
MAX FLOW RATE

Auto
TYPE

SB325_X Nozzle

Piusi SB325_X AdBlue® Nozzle with Breakaway Spout

The Piusi SB325_X is designed for the dispensing of AdBlue® and automatically shuts off when the vehicle tank gets full. The magnetic spout versions prevent the accidental yet costly miss-filling of AdBlue® into the diesel tank, by only releasing fluid into a fill point with a partnering magnetic adaptor fitted inside **(see diagram)**.

A version is available with a standard spout rather than a magnetic miss-filling one as a more cost effective solution. Model also available with integrated K24 digital flow meter, for easily monitoring the amount dispensed.

Please note: The SB325_X is for use with pumping systems only.

**SB325_X is compatible with ZVA Slimline 2 trigger guards

How does the miss-filling work?

DIESEL FILL POINT

ADBLUE FILL POINT

Breakaway Spout
If the driver drives off with the nozzle left in the vehicle, the spout will detach, preventing the pump from being pulled away with it. The nozzle is easily repaired with a new spout.

Optional Accessories...

Code	Description
R19172000	**Replacement magnetic miss-filling spout** prevents the miss-filling of AdBlue® into a diesel tank by only dispensing into a vehicle that has a magnetic adaptor fitted
R19173000	**Replacement standard spout** available to repair the standard nozzle after the breakaway spout mechanism has been in use (non-magnetic)
F15165000	**Elafix 40 vehicle tank magnetic adaptor - Check if you need this part!** For retrofitting into the AdBlue® fill point of a vehicle if it doesn't have it fitted as standard
F18400000	**Nozzle override magnetic adaptor** allows a magnetic spout to dispense when not in contact with a tank magnetic adaptor e.g. if you have some vehicles with and some without a tank adaptor
F19174000	**Nozzle magnetic adaptor kit** is the above adaptor plus the magnetic miss-filling spout as a complete kit

Code	Description	Max Flow Rate (lpm)	Max Pressure (bar)	Spout OD (mm)	Spout	Inlet Connection	Meter	Fluids
F00618M40	Piusi SB325_X Breakaway Nozzle c/w Miss-Filling Spout	45	3.5	19	Magnetic Miss-Filling	¾" Hose Barb/ 1" M BSP		AB
F00618M20	Piusi SB325_X Breakaway Nozzle c/w Miss-Filling Spout & Override Adaptor	45	3.5	19	Magnetic Miss-Filling	¾" Hose Barb/ 1" M BSP		AB
F00618M50	Piusi SB325_X Breakaway Nozzle & Meter c/w Miss-Filling Spout	45	3.5	19	Magnetic Miss-Filling	¾" Hose Barb/ 1" M BSP	✓	AB
F00617000	Piusi SB325_X Breakaway Nozzle	45	3.5	19	Standard	¾" Hose Barb/ 1" M BSP		AB
F00617010	Piusi SB325_X Breakaway Nozzle Meter	45	3.5	19	Standard	¾" Hose Barb/ 1 " M BSP	✓	AB

ALARM PROBES & TANK ALARMS

PROBES **105** | ALARMS **106-109**

PROBES 105

ALARMS 106-109

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Single Probe

Double Probe

Single/ Double

PROBES

See **pages 106-109** for alarm boxes

RELATED PRODUCTS

| D DIESEL | O OIL | HVO & GTL |

Fuel Tank Alarm Probes

The CTS fuel tank alarm probes are designed for use with the industry renowned CTS alarms to accurately detect and alert the user of one, a combination, or all of the following tank states:

› **High fuel level** to help avoid further filling of the tank and an overspill from occurring

› **Low fuel level** to indicate that stock is running out and a fuel delivery needs to be ordered

› **Bund alert** to warn that fluid is present in the bund compartment which may indicate a leak or the ingress of rain water

› As standard, these probes are designed for installation onto steel tanks, for plastic tanks the plastic tank kit is also required

Code	Description	Alerts	Construction	Cable	Temp	Connection	Fluids
SWS1035	Single Fuel Tank Alarm Probe	High or Low or Bund	Buna, nylon & stainless steel	5m PVC	-20°c/+80°c	1 ½" F BSP Brass Cap	D O H&G
SWS1035/9	9m Single Probe For Larger Tanks	High or Low or Bund	Buna, nylon & stainless steel	9m PVC	-20°c/+80°c	1 ½" F BSP Brass Cap	D O H&G
SWS1035/2	Double Fuel Tank Alarm Probe	High & Low	Buna, nylon & stainless steel	5m PVC	-20°c/+80°c	1 ½" F BSP Brass Cap	D O H&G
SWS1035/2/9	9m Double Probe For Larger Tanks	High & Low	Buna, nylon & stainless steel	9m PVC	-20°c/+80°c	1 ½" F BSP Brass Cap	D O H&G
SWS1036	Plastic Tank Kit - For Single Probe						AF
SWS1037	Plastic Tank Kit - For Double Probe						AF
SWS1009	Alarm Cable Per Metre			1m PVC			AF

Water & Chemical

Oil Drum

High viscosity

Single

PROBES

See **pages 106-109** for alarm boxes

RELATED PRODUCTS

| W WATER | C CHEMICAL | O OIL | AB ADBLUE® | HVO & GTL |

Alarm Probes for Other Fluids

Water & Chemical Probe

› Single probe for high or low level alerts on water & chemical tanks

› Please note: Chemical compatibility should be checked

High Viscosity Probe

› Single probe for high or low level alerts on tanks containing thick fluids, heavy fuel oils and liquids containing some debris

› Popular on waste oil tanks

› For high level also suitable for liquids that crystallise e.g. AdBlue®

Oil Drum Probe

› Single probe for alerting of a high oil level in a drum

› Designed specifically for waste oil storage systems when the user needs to be aware when the container needs to be emptied

Code	Description	Alerts	Construction	Cable	Temp	Connection	Fluids
SWS1040	Water & Chemical Probe	High or Low	Polyprop body & PE weight	5m PVC	-20°c/+80°c	1 ½" F BSP Polyethylene Cap	W C AB
SWS1038	High Viscosity Probe	High or Low	Polyprop	5m PVC	0°c/+60°c	1 ½" F BSP Plastic Cap	O H&G
SWS1039	Oil Drum Probe	High	Buna, nylon & polyprop	5m PVC	-20°c/+80°c	¾" M BSPT Steel Drum	O H&G
SWS1036	Plastic Tank Kit - For Single Probe						AF
SWS1037	Plastic Tank Kit - For Double Probe						AF
SWS1009	Alarm Cable Per Metre			1m PVC			AF

ANY FLUID

CTS Mains Multi-Zone Tank Alarm

› Mains multi-channel tank alarm for alerting of a combination or all of the following tank states: high, low and/or bund

› 90db sounder and flashing orange strobe to warn of a problem

› Zone in question lights up on screen to indicate the activated state

› Test and alarm mute functions

› Automatically reversed float logic for low zones

› Weatherproof IP55 enclosure

› Standard box with multiple input voltages 110v/230v, 12v/24v DC

› Option with relays to connect to external equipment e.g. other alarms or building management systems for remote monitoring

› Version with relays can be used to control the pump. E.g. where a day tank fills a larger tank, it can automate pump to run when tank contents drops to set low level, and turns pump off at set high level

› **Please note: If your configuration is not listed below, select the box only & the probes you need from the opposite page**

Multi
ZONES

Electric
POWER

See **page 105 for probes**

RELATED PRODUCTS

Code	Description	V	Probes	Relays	Zones	Fluids
SWS2000	Mains Multi-Compartment Alarm Box Only	110/230/12v/24v			Multi - High/Low/Bund	AF
SWS2001	Mains Multi-Compartment Alarm Box Only c/w Relays	110/230/12v/24v		3	Multi - High/Low/Bund	AF
SWS2009	Mains Multi-Compartment Alarm Box c/w Single Probe & Relays	110/230/12v/24v	Single*	3	Multi - High/Low/Bund	D O H&G
SWS2010	Mains Multi-Compartment Alarm Box c/w Single and Double Probe & Relays	110/230/12v/24v	Single & Double*	3	Multi - High/Low/Bund	D O H&G

*95m max. probe length. **Please note:** all cables must be free of electrical noise.

ANY FLUID

CTS Battery Multi-Zone Tank Alarm

› Battery multi-channel tank alarm for alerting of a combination or all of the following tank states: high, low and/or bund

› For isolated/mobile installations where mains power is unavailable

› 90db sounder and flashing red LED to warn of a problem

› Zone in question lights up on screen to indicate the activated state

› Test, alarm mute & low battery functions. Will beep once a minute

› Automatically reversed float logic for low zones

› Weatherproof IP55 enclosure

› Option with relays to connect to external equipment e.g. other alarms or building management systems for remote monitoring

› Version with relays can be used to control the pump. E.g. where a day tank fills a larger tank, it can automate pump to run when tank contents drops to set low level, and turns pump off at set high level

› **Please note: If your configuration is not listed below, select the box only & the probes you need from the opposite page**

Multi
ZONES

Battery
POWER

See **page 105 for probes**

RELATED PRODUCTS

Code	Description	Batteries	Probes	Relays	Zones	Fluids
SWS1000	Battery Multi-Compartment Alarm Box Only	6 x AA			Multi - High/Low/Bund	AF
SWS1001	Battery Multi-Compartment Alarm Box Only c/w Relays	6 x AA		3	Multi - High/Low/Bund	AF
SWS2011	Battery Multi-Compartment Alarm Box c/w Single Probe & Relays	6 x AA	Single*	3	Multi - High/Low/Bund	D O H&G
SWS2012	Battery Multi-Compartment Alarm Box c/w Single and Double Probe & Relays	6 x AA	Single & Double*	3	Multi - High/Low/Bund	D O H&G

*45m max. probe length. **Please note:** all cables must be free of electrical noise.

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Sophisticated tank monitoring when only one alert is required with the Single Channel Alarm

FEATURED

CTS CENTRE TANK SERVICES LTD

Single

ZONES

Mains/ Battery

POWER

See **page 105** for other fluid probes

RELATED PRODUCTS

CTS Single Channel Tank Alarm

Designed for when only one alert is required, the CTS Single Channel Tank Alarm is a more sophisticated and flexible alternative to the Economy tank alarm models on the opposite page.

It can be used to identify and warn of either a high level, low level or fluid in the bund. Once activated the alarm will sound as well as display the name of the activated tank state on the descriptive red LED text display, so that the user can clearly see what the problem is.

Features...	
›	Single zone tank alarm to warn of either a high level, low level or fluid in the bund depending upon the users' requirements
›	90db sounder & descriptive red LED text display to clearly warn of what the activated tank state is so that the user knows how to take action
›	Test & alarm mute functions
›	Automatically reversed float logic for low zones so that it is ready for use again once the fluid level has increased
›	Weatherproof IP55 enclosure with 4 external mounting lugs
›	Mains and mains with battery back up versions available for the event of a power cut
›	Mains versions c/w relay for connecting to external equipment e.g. another alarm or a BMS for remote monitoring of the tank situation
›	Available with 5m fuel probe or without for use with other fluids (select other fluid probe from **page 105**)

Using the single channel alarm as a remote warning device

› The mains powered versions of the single channel alarm come with a relay to allow you to connect it to a single relay on another alarm as a remote warning device.

› The second alarm can be positioned 100m away from the other, inside the office for example, meaning that you don't have to be in sight/ear shot of the tank to be alerted to the problem.

› The two alarms will act independently from one another meaning that if one of them is muted, the other will continue to sound until it is muted or the zone is inactivated i.e. the problem is solved.

Code	Description	Power	Probe	Relay	Zones	Fluids
SWS2002	Mains Single Channel Tank Alarm c/w Probe	230v	✓	✓	Single - High or Low or Bund	D O H&G
SWS2003	Mains Single Channel Tank Alarm Battery Back-up c/w Probe	230v	✓	✓	Single - High or Low or Bund	D O H&G
SWS2004	Mains Single Channel Tank Alarm Only	230v		✓	Single - High or Low or Bund	AF
SWS2007	Mains Single Channel Tank Alarm Battery Back-up Only	230v		✓	Single - High or Low or Bund	AF
SWS1009	Alarm Cable Per Metre for Remote Installation					AF

*25m max. probe length.   **Please note:** all cables must be free of electrical noise.

ANY FLUID

CTS Economy Tank Level Alarm

› An economical, entry level tank alarm solution if only one level alert is required

› Can be used to indicate that the tank level has reached either a high or low state depending upon requirements

› Battery powered for use on portable installations or sites where mains power in inaccessible

› Flashing red LED & 90db alarm will sound to alert the user that the set level has been reached

› Test & alarm mute functions

› Weatherproof IP55 enclosure with 4 external mounting lugs

› Simple operation means battery will last in excess of 72 hours in full alarm mode, making it ideal for sites not always manned

› Version available with 5m diesel/oil probe and version without for use with other fluids (select other fluid probe from page 103)

› c/w 3 cut to size stickers to name the LED – 2 labelled high & low and 1 blank to name it something else with permanent marker

Single ZONES

Battery POWER

RELATED PRODUCTS

Code	Description	Battery	Probe	Zones	Fluids
SWS1024	Economy Tank Level Alarm c/w Probe	1 x PP3	✓*	Single - High or Low	D O H&G
SWS1022	Economy Tank Level Alarm Only	1 x PP3		Single - High or Low	AF

*25m max. probe length.   **Please note:** all cables must be free of electrical noise.

D DIESEL   **O** OIL   **HVO & GTL**

CTS Economy Bund Alarm

› An economical, entry level tank alarm c/w 5m single probe to alert of presence of fluid in the bund

› Simple & cost effective solution if only bund alert is required

› Used to indicate either the inner tank leaking into the bund or excess rain water and debris that has built up

› Battery powered for use on portable installations or sites where mains power in inaccessible

› Flashing red LED & 90db alarm will sound to alert the user to a problem

› Test & alarm mute functions

› Weatherproof IP55 enclosure with 4 external mounting lugs

› Simple operation means battery will last in excess of 72 hours in full alarm mode, making it ideal for sites not always manned

› Suitable for use with diesel and light oils

Single ZONES

Battery POWER

Code	Description	Battery	Probe	Zones	Fluids
SWS1019	Economy Bund Alarm	1 x PP3	✓*	Single - Bund	D O H&G

*25m max. probe length.   **Please note:** all cables must be free of electrical noise.

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

High Level/Overfill

Bund

AB ADBLUE® **W** WATER **C** CHEMICAL

CTS AdBlue® Tank Alarm

Single ZONES

Battery POWER

› An economical, entry level tank alarm solution c/w 5m probe for use on an AdBlue® tank

› Overfill version to indicate that the tank has reached the set high level & bund version to indicate the presence of fluid in the bund

› Battery powered for use on portable installations or sites where mains power is inaccessible

› Flashing red LED & 90db alarm will sound to alert the user to a problem

› Test & alarm mute functions

› Weatherproof IP55 enclosure with 4 external mounting lugs

› Simple operation means battery will last in excess of 72 hours in full alarm mode, making it ideal for sites not always manned

› c/w fittings to make it suitable for either plastic or steel tanks

› High level alarm comes with a water and chemical probe with oversize float

Code	Description	Battery	Probes	Zones	Fluids
SWS3021	AdBlue® Bund Alarm c/w Probe	1 x PP3	✓*	Single - Bund	AB W C
SWS3022	AdBlue® High Level/Overfill Alarm c/w Probe	1 x PP3	✓*	Single - High	AB W C

*25m max. probe length. **Please note:** all cables must be free of electrical noise.

ANY FLUID

CTS ATEX Approved Tank Alarm

Single ZONES

Battery POWER

See page 105 for other fluid probes

RELATED PRODUCTS

› ATEX approved tank alarm for alerting of a high fluid level or fluid within the bund which may indicate a leak or rain water ingress

› Battery powered for use on portable installations or sites where mains power in inaccessible

› Flashing red LED & 95db alarm will sound to alert the user

› Siren will sound continuously for 120 seconds followed by a periodic beep for 60 minutes

› Alarm automatically cancels when the zone is deactivated

› Test battery, test alarm & alarm cancel functions

› IP65 metal enclosure

› ATEX approved for Zone 1 II2G Ex ia IIB T4 Gb

› Version with 5m probe for use with diesel, kerosene and JET A1

› Version without probe for use with other fluids such as petrol using a third party ATEX probe with solid stem

Code	Description	Battery	Probe	Zones	Fluids
SWS2006	ATEX Tank Alarm c/w Probe	AAA	✓*	Single - High or Bund	D K J H&G
SWS3020	ATEX Tank Alarm Only	AAA		Single - High or Bund	AF**

*5m max. probe length.   **Depending upon compatibility of third party probe used   **Please note:** all cables must be free of electrical noise.

TANK & DRUM GAUGES

MECHANICAL **111-114** | ELECTRONIC **115-117**
SIGHT LEVEL **118-119**

MECHANICAL 111-114

ELECTRONIC 115-117

SIGHT LEVEL 118-119

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Sidebar Navigation

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

AFRISO

D DIESEL | K KEROSENE | B1 B100 | HVO & GTL

MT Profil Float Gauge

Fraction — READING

Specific — TANK HEIGHT

See **page 140** for **Combi Vent Cap**

RELATED PRODUCTS

› Simple & economical float operated clock gauge for the quick & clear identification of approximate tank contents
› Small mechanical display showing Empty, ¼, ½, ¾, Full
› Designed for use on specific tank heights
› 8'0 version is adjustable to the individual tank height & has a a reversible display showing 150cm max on one side & 250cm max on the other
› Supplied as 1 ½" M BSP for easy top mounting onto the tank
› Popular choice for heating oil tanks

Code	Description	Reading Type	Tank Height (ft/mm)	Gauge Fitting	Fluids
OAB3001	MT Profil Float Gauge 1'6	Empty, ¼, ½, ¾, Full	1'6/457	1 ½" M BSP	D K B1 H&G
OAB3002	MT Profil Float Gauge 2'0	Empty, ¼, ½, ¾, Full	2'0/610	1 ½" M BSP	D K B1 H&G
OAB3004	MT Profil Float Gauge 2'6	Empty, ¼, ½, ¾, Full	2'6/762	1 ½" M BSP	D K B1 H&G
OAB3003	MT Profil Float Gauge 3'0	Empty, ¼, ½, ¾, Full	3'0/904	1 ½" M BSP	D K B1 H&G
OAB3005	MT Profil Float Gauge 3'6	Empty, ¼, ½, ¾, Full	3'6/1070	1 ½" M BSP	D K B1 H&G
OAB3304	MT Profil Float Gauge 4'0	Empty, ¼, ½, ¾, Full	4'0/1219	1 ½" M BSP	D K B1 H&G
OAB3305	MT Profil Float Gauge 5'0	Empty, ¼, ½, ¾, Full	5'0/1524	1 ½" M BSP	D K B1 H&G
OAB3309	MT Profil Float Gauge 6'0	Empty, ¼, ½, ¾, Full	6'0/1828	1 ½" M BSP	D K B1 H&G
OAB3308	MT Profil Float Gauge 8'0	Cm Display	8'0/2438	1 ½" M BSP	D K B1 H&G
BC8053	For fitting the gauge to a tank with a 2" BSP hole				

AFRISO

D DIESEL | K KEROSENE | B1 B100 | HVO & GTL

MTF 2000 Float Gauge

0-100% — READING

Adjustable — TANK HEIGHT

See **page 140** for **Combi Vent Cap**

RELATED PRODUCTS

› Cost effective, universal float operated clock gauge for the quick & clear identification of tank contents
› Small mechanical display showing percentage of contents remaining in the tank
› Fully adjustable between tank heights of 900mm-2000mm so only one model needs to be stocked
› Gauge can be directly mounted onto 1 ½" & 2" F BSP threads for flexibility of installation
› Brass and nickel silver movement
› Long service life
› Popular choice for heating oil tanks

Code	Description	Reading Type	Tank Height (ft/mm)	Gauge Fitting	Fluids
OAB3320	MTF 2000 Float Gauge	0-100%	3'0/904 to 6'7/2000	1 ½" & 2" M BSP	D K B1 H&G

| D | K | B1 | AB | W | HVO & GTL |
| DIESEL | KEROSENE | B100 | ADBLUE® | WATER | |

Unitel Hydrostatic Gauge

AFRISO

% or Litres
READING

+/-3%
ACCURACY

› Pneumatic tank gauge with spring loaded plunger to pull & release to show current tank contents

› Mechanical display showing tank contents as a percentage (standard version) or in litres (calibrated version)

› Fully adjustable between diesel tank heights of 900mm-3000mm and up to 2500mm for AdBlue® and water tanks

› Accuracy of +/-3% at full scale

› Dual scale for horizontal or vertical, rectangular & cylindrical tanks

› Adjustable second needle for setting the level parameter for when you need to reorder fuel

› Gauge face dimensions 145mm x 135mm

› **Please request or download from the website the tank questionnaire for calibrated gauges**

Code	Description	Reading Type	Tank Height (mm)	Capillary	Balance Chamber Tank Fitting	Balance Chamber Weight	Working Temp	Fluids
OAB9000	Unitel Gauge	0-100%	900-3000*	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W H&G
OAB9000C	Unitel Gauge - Calibrated	Litres	900-3000*	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W H&G
OAB9004	Unitel Condensation Trap							D K B1 AB W H&G
CTS2122	30m Capillary Tube Extension Kit			30m PVC				D K B1 AB W H&G

*For AdBlue® tanks max height is 2500mm

| D | K | B1 | AB | W | HVO & GTL |
| DIESEL | KEROSENE | B100 | ADBLUE® | WATER | |

Unitop Hydrostatic Gauge

AFRISO

% or Litres
READING

+/-2%
ACCURACY

› Pneumatic tank gauge with spring loaded plunger to pull & release to show current tank contents

› Mechanical display showing tank contents as a percentage (standard version) or in litres (calibrated version)

› Standard version is fully adjustable between tank heights of 900mm-3000mm

› Calibrated version for tank heights of 700mm-3000mm

› Accuracy of +/-2% at full scale

› Dual scale for horizontal or vertical, rectangular & cylindrical tanks

› Adjustable second needle for setting the level parameter for when you need to reorder fuel

› Gauge face dimensions 155mm x 165mm

› **Please request or download from the website the tank questionnaire for calibrated gauges**

Code	Description	Reading Type	Tank Height (mm)	Capillary	Balance Chamber Tank Fitting	Balance Chamber Weight	Working Temp	Fluids
OAB8000	Unitop Gauge	0-100%	900-3000	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W H&G
OAB3318	Unitop Gauge - Calibrated	Litres	700-3000*	20m PVC	½" M BSP & 1" M BSP	Stainless Steel	-5°C/+55°C	D K B1 AB W H&G
OAB9004	Unitel Condensation Trap							D K B1 AB W H&G
CTS2122	30m Capillary Tube Extension Kit			30m PVC				D K B1 AB W H&G

*For Water and AdBlue® tanks max height is 2500mm

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

Normond

| D DIESEL | K KEROSENE | HVO & GTL |

Normond C/E Hydrostatic Gauges

% or Litres
READING

Multiple
TANK HEIGHT

› Pneumatic tank gauge with pump up plunger to show current tank contents

› Large mechanical display showing tank contents as a percentage (E Series) or is calibrated to show volume (C Series)

› Both suitable for tanks up to 9000mm

› Can be positioned up to 120m away from the tank

› Popular choice for commercial sites due to reliability & robustness

› C/E Series gauge face dimensions 165mm x 165mm

› Suitable for hazardous environments

› **Tank Height W.G = s.g x tank height in mm**

› **Please note: No balance chamber is included on C Series High. It will be specified upon receipt of questionnaire**

› **Please request or download from the website the tank questionnaire for the calibrated C Series**

Code	Description	Reading Type	Tank Height W.G (mm)	Capillary	Balance Chamber Tank Fitting	Balance Chamber Weight	Max Working Temp	Fluids
0AB6000	Normond Gauge – C Series	Litres	800-4500	10m PVC	½" M BSP & 1" M BSP	Brass	+38°C	D K H&G
0AB6000H	Normond Gauge – C Series High	Litres	4500-9000	10m PVC			+38°C	D K C W H&G
0AB6001	Normond Gauge – E Series Low	0-100%	1000-2200	10m PVC	½" M BSP & 1" M BSP	Brass	+38°C	D K H&G
0AB6001M	Normond Gauge – E Series Medium	0-100%	1500-4500	10m PVC	½" M BSP & 1" M BSP	Brass	+38°C	D K H&G
0AB6001S	Extra Capillary Tubing Per Metre							D K H&G

Normond

| D DIESEL | K KEROSENE | C CHEMICAL | W WATER | HVO & GTL |

Normond G Hydrostatic Gauge
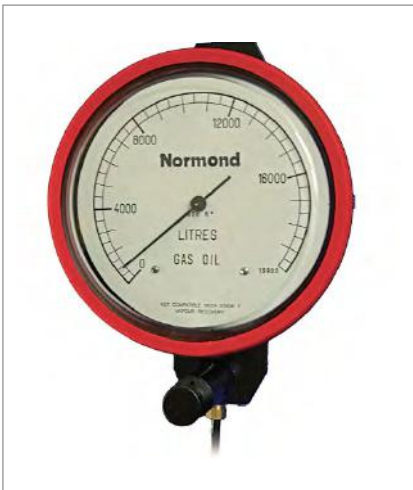
Litres
READING

Upto 9.5m
TANK HEIGHT

› Highly accurate pneumatic tank gauge with pump up plunger to show current tank contents

› Large mechanical display calibrated to show volume

› Suitable for most liquids and large tanks up to 9500mm high that may have difficult access

› Usually selected over the C Series when the tank is too high or the measured fluid is not diesel

› Can be positioned up to 120m away from the tank

› Suitable for hazardous environments

› Gauge face dimensions 165mm x 165mm

› **Tank Height W.G = s.g x tank height in mm**

› **Please note: No balance chamber or capillary is included. It will be specified upon receipt of questionnaire**

› **Please request or download from the website the tank questionnaire for the calibrated G Series**

Code	Description	Reading Type	Tank Height W.G (mm)	Capillary Length (m)	Balance Chamber Tank Fitting	Balance Chamber Weight	Max Working Temp	Fluids
0AB6002	Normond Gauge – G Series	Litres	800-9500				+38°C	D K C W H&G

D	O	K	W	B1	HVO
DIESEL	OIL	KEROSENE	WATER	B100	& GTL

Quantum Manual Hydrostatic Gauge

› Stainless steel hydrostatic tank gauge with small hand pump mechanism to show the current tank contents

› Large 160mm mechanical display face calibrated to show tank contents in volume (litres/gallons)

› 304 grade stainless steel outer casing for heavy duty applications

› High accuracy of +/-1% at full scale (empty & full scale to be set based on customer preference)

› For use on any shape tank - Full dimensions must be given

› Can be positioned up to 20m away from the tank

› Max tank height 8m (subject to S.G & Viscosity) - 10m on request

› S.G range - 0.7-1.4

› 10m capillary with a drop in balance chamber requiring a 1" BSP tank fitting – rigid & magnetic balance chambers on request

› **Please request questionnaire or download from the website**

Litres/Gallons
READING

+/-1%
ACCURACY

Code	Description	Reading Type	Max Tank Height (mm)	Capillary	Balance Chamber Fitting	Balance Chamber Weight	Fluids
0AB7001	Quantum Manual Gauge – Brass Balance Chamber	Volume	8000	10m Polyurethane	1" M BSP	Brass	D O K W B1 H&G
0AB7002	Quantum Manual Gauge – PVC Balance Chamber	Volume	8000	10m Polyurethane	1" M BSP	PVC	AF*

D	O	W	B1	HVO
DIESEL	OIL	WATER	B100	& GTL

Quantum Battery Hydrostatic Gauge

› Hydrostatic tank gauge with push to read, battery operated pump to show the current tank contents

› Large square mechanical display in a polycarbonate enclosure, and calibrated to show tank contents in volume (litres/gallons)

› Popular in industrial, process plant & chemical applications

› High accuracy of +/-1% at full scale (empty & full scale to be set based on customer preference)

› For use on any shape tank - Full dimensions must be given

› Can be positioned up to 200m away from the tank

› Max tank height 8m – (subject to the S.G and Viscosity)

› S.G range - 0.7-1.4

› 10m capillary with a drop in balance chamber requiring a 1" BSP tank fitting – rigid & magnetic balance chambers on request

› **Please request questionnaire or download from the website**

Litres/Gallons
READING

+/-1%
ACCURACY

Code	Description	Reading Type	Max Tank Height (mm)	Capillary	Balance Chamber Fitting	Balance Chamber Weight	Fluids
0AB7004	Quantum Battery Gauge – Brass Balance Chamber	Volume	8000	10m Polyurethane	1" M BSP	Brass	D O W B1 H&G
0AB7005	Quantum Battery Gauge – PVC Balance Chamber	Volume	8000	10m Polyurethane	1" M BSP	PVC	AF*
0AB7006	Quantum Battery Gauge – S/S Balance Chamber	Volume	8000	10m Polyurethane	1" M BSP	Stainless Steel	AF*

*Please refer to individual material compatibility

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

ANY FLUID

Apollo Visual

APOLLO ultrasonic

Bar Graph

READING

Two Part

TYPE

Apollo Oil Tank Gauge

› Easy to retrofit, ultrasonic tank contents gauge primarily designed for domestic heating oil tanks

› Transmitter fits on top of the tank & the receiver plugs into a socket inside the property to conveniently display the tank level

› Receiver has a digital display bar graph reading – 10% tank height per bar for simple visual indication

› Apollo Visual model also has a transmitter bar graph display for monitoring the tank reading locally as well as remotely

› Flashing LED to show when tank is empty & fuel is required

› Transmitter to receiver range is 200m depending on obstacles

› Receiver: 150-250v, 50/60Hz

› Transmitter: 3v lithium battery (approx. 10 years)

Code	Description	Reading Type	Tank Height (mm)	Local Display	Remote Display	Tank Fitting	Working Temp	Fluids
APUOLM	Apollo Oil Gauge	Bar Graph	500-3000		✓	32mm	-10°C/+60°C	AF
APUOLMVIS	Apollo Visual Oil Gauge	Bar Graph	500-3000	✓	✓	32mm	-10°C/+60°C	AF
APUOLM02	Apollo Steel Tank Adaptor					1 ½" M BSP		AF
APUOLM03	Apollo Visual Steel Tank Adaptor					1 ½" & 2" M BSP		AF

ANY FLUID

APOLLO ultrasonic

Bar/Litres

READING

Two Part

TYPE

NOW with inbuilt Fuel Theft Alarm

Apollo Smart Oil Tank Gauge

› Easy to retrofit, ultrasonic tank contents gauge primarily designed for domestic heating oil tanks

› Transmitter fits on top of the tank & the receiver plugs into a wall socket via a transformer to conveniently display the tank level

› Receiver has a digital display litre & bar graph reading – 10% tank height per bar

› Transmitter has a local bar graph display for monitoring the tank reading locally as well as remotely

› Audible low level alarm & anti-theft alarm which sounds if the fuel level drops suddenly

› Monitors fuel consumption levels in litres & cost by day, week, month or year & the number of days you have until tank is empty

› Provides room temperature reading & CO_2 emission data

› Transmitter to receiver range is 150m depending on obstacles

› Receiver: 150-250v, 50/60Hz

› Transmitter: 3v lithium battery (approx. 10 years)

Code	Description	Reading Type	Tank Height (mm)	Local Display	Remote Display	Tank Fitting	Working Temp	Fluids
APUOLMSMART	Apollo Smart Oil Gauge	Bar Graph & Litres	500-3000	✓	✓	32mm	-10°C/+60°C	AF

ANY FLUID

Watchman Oil Tank Gauge

WATCHMAN SONIC

> Easy to retrofit, ultrasonic tank contents gauge designed for plastic & steel domestic heating oil tanks

> Transmitter fits on top of the tank & the receiver plugs into a socket inside the property to conveniently display the tank level

> Receiver has a digital bar graph reading – 10% tank height per bar for simple visual indication

> Pump symbol appears to prompt a fuel delivery when tank level falls below 10%

> Flashing red LED to show when tank is empty & fuel is required

> Transmitter to receiver range is 200m depending on obstacles

> Receiver: 150-250v, 50/60Hz; Transmitter: 3v lithium battery

> Battery life approx. 3 years

Bar Graph
READING

Two Part
TYPE

Watchman

Watchman Display

Code	Description	Reading Type	Tank Height (mm)	Remote Display	Tank Fitting	Working Temp	Fluids
WATCH01	Watchman Sonic Oil Gauge	Bar Graph	500-3000	✓	32mm & 2" M BSP	-10°C/+60°C	AF

D DIESEL **W** WATER **O** OIL **AB** ADBLUE® **HVO & GTL**

Piusi Ocio Fuel Tank Gauge

PIUSI

> Industry known, continuous reading, hydrostatic tank contents gauge for commercial fuel tanks

> Digital display reading in percentage, level (mm) or volume (litres)

> Accuracy of +/-1% at full scale and can easily be calibrated on site

> Low & high level alerts can be set up with flashing LED screen

> c/w two configurable relays for connecting to other equipment e.g. a low/high level alarm for audible warning or to automate a pump to run when the tank contents drop to the set low level, and then turn the pump off when the set high level is reached

> Supplied with 10m of capillary, but can work up to 50m away

> Versions for diesel and AdBlue®, and optional oil kit available

> 4-20ma version to send readings to building management systems and has the ability to show you the available space left in the tank

> Tank shapes - vertical cylindrical, horizontal cylindrical & rectangular

%/Litres/mm
READING

+/-1%
ACCURACY

Ocio

Display Options

Please note: Tank opening needs to be minimum 30mm diameter for balance chamber weight

Code	Description	Reading Type	Tank Height (mm)	Capillary Length (m)	Balance Chamber Tank Fitting	Balance Chamber Weight	Working Temp	Fluids
F0075510D	Ocio 230v	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Brass	-20°C/+50°C	D W H&G O *
F0075501B	Ocio 110v	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Brass	-20°C/+50°C	D W H&G O *
F00755140	Ocio 230v AdBlue®	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Stainless Steel 304	-20°C/+50°C	AB
F00755160	Ocio 230v 4-20ma	0-100% mm/inches litres/gals	600-4000	10	½" M BSP	Brass	-20°C/+50°C	D W H&G O *
F12939000	Ocio Oil Kit			3				O 30-2000cSt

*Only suitable for oil if Oil Kit is purchased

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Ocio Software

Screenshot

PIUSI
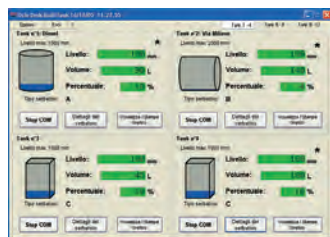
ANY FLUID

| **Ocio** |
| USE WITH |

| **Up to 12** |
| TANK NUMBER |

Ocio Desk Software

› Ocio Desk software connects the Ocio to a PC to allow the viewing of the tank level status direct from the computer

› Provides visual indication of tank level as well as in percentage, level (mm) or volume (Litres)

› Current & historic tank level data is displayed graphically which can be used to identify any unusual fuel use

› Can be set up to update at a specified time interval or when there is a specific variation in level or volume

› Connection is via USB interface & can transmit data via 2 core screened cable to a PC 900m away (multi-core cable required for multi-tank versions)

› Can connect up to 12 different tanks' Ocio gauges to the same PC (depending upon software version)

Code	Description	Number of Tanks	Software CD	PC Interface
F00755S10	Ocio Desk – Single Tank	1	✓	1 x Single Port USB Hub
F00755S00	Ocio Desk – 4 Multi Tank	4	✓	1 x Quad Port USB Hub
F00755S20	Ocio Desk – 8 Multi Tank	8	✓	2 x Quad Port USB Hub
F00755S30	Ocio Desk – 12 Multi Tank	12	✓	3 x Quad Port USB Hub

Ocio GSM

Required Models

PIUSI
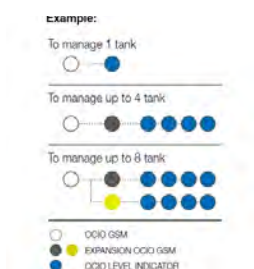
ANY FLUID

| **Ocio** |
| USE WITH |

| **Up to 8** |
| TANK NUMBER |

Ocio GSM

› Ocio GSM connects to the Ocio gauge & sends the current tank level via SMS for remote monitoring

› Sends an alert via SMS when the tank level enters or exits the predetermined low/ high level state

› Can be set up to send a tank level reading in mm at pre-determined timed intervals

› Tank level readings can be sent on demand by texting the SIM card set up on the GSM unit

› GSM transmitter can control up to 8 different Ocios via a 9 core screen data cable

› Max length 9 core screen cable 900m between Ocio & GSM/ Expansion box and 5m between GSM & Expansion box

› System requires a GSM SIM card with a system supporting up to 10 mobile phone numbers in the built-in phonebook

› Only compatible with 2G

Code	Description	Number of Tanks	V	Colour Code
F00755G30	Ocio GSM Quad Band	1	110-230	White
F00755G20	Ocio GSM Tank Expander for 2-4 Tanks	2-4		Grey
F00755G40	Ocio GSM Tank Expander for 5-8 Tanks	5-8		Yellow

K KEROSENE | **D** DIESEL | **O** OIL | **HVO & GTL**

Gem Sight Level Gauge

› A simple & cost effective pull to read gauge to give an instant visual measurement of tank contents

› Designed for bottom outlet steel & plastic tanks

› Integrated paper filter with alloy removable bowl for easy cleaning

› Isolation valve allowing the gauge to be serviced or changed without the need to drain the tank

› Multi-directional outlet so fuel can be taken from right or left or can alternatively feed two separate boilers

› Supplied with gauge level marking kit & litre calibration labels

› Quality corrosion resistant zinc plated brass body

› Filter service kit available as optional accessory

› GEM1004 replaces code GEM1000A

Visual
READING

Pull
TYPE

See **pages 115-116 for ultrasonic gauges**

RELATED PRODUCTS

Gem Gauge

Filter Service Kit

Code	Description	Height (ft/mm)	Inlet	Primary Outlet	Secondary Outlet	Filter	Tub	Fluids
GEM1004	Gem 4ft 6in Sight Gauge	4'6/1371	½" M BSP	3/8" F BSP x 10mm Compression	3/8" F BSP	40µ	Aluminium	K D O H&G
GEM4000	Gem Filter Service Kit					40µ		K D O H&G

K KEROSENE | **D** DIESEL | **O** OIL | **HVO & GTL**

Push Button Sight Level Gauge

› A simple & cost effective push to read gauge to give an instant visual measurement of tank contents

› It operates without compromising the tank contents, as when released the tank remains isolated

› Designed for fitting to bottom outlet steel & plastic tanks

› Quality corrosion resistant zinc plated brass body

› Economy push button model or royal version available

› More advanced Royal model comes with an integrated mesh filter & isolation valve so the gauge can be serviced without draining the tank

› 4ft and 6ft versions available depending upon tank requirements

Visual
READING

Push
TYPE

See **pages 115-116 for ultrasonic gauges**

RELATED PRODUCTS

Push Button

Royal Push Button

Code	Description	Height (ft/mm)	Inlet	Outlet	Filter	Tube Support	Fluids
RF6001	Royal Push Button 4ft Sight Gauge	4' 0/1219	½" M BSP	½" F BSP	100µ	Aluminium	K D O H&G
PB1204	Push Button 4ft Sight Gauge	4' 0/1219	½" M BSP	½" F BSP		Aluminium	K D O H&G
PB1206	Push Button 6ft Sight Gauge	6'0/1828	½" M BSP	½" F BSP		Aluminium	K D O H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PVC Tubing

Tank Extension Piece

30m

MAX COIL LENGTH

90mm

TANK EXTENSION PIECE

See page 118 for sight gauges

RELATED PRODUCTS

| K | D | O | HVO |
| KEROSENE | DIESEL | OIL | & GTL |

Sight Level Gauge Accessories

PVC Tubing

› For retrofitting sight gauges or for replacing weathered tubing

› Available in 30m coils or per foot

Aluminium Tank Extension Piece

› Designed to fix into the bottom outlet of a plastic tank with dished ends

› Allows a sight gauge to be used with any type of tank

Code	Description	Length	Inlet	Outlet	Fluids
SG1003	Sight Gauge PVC Tubing 30m Coil	100 Foot (30m)			K D O H&G
SG1001	Sight Gauge PVC Tubing Per Foot	1 Foot			K D O H&G
SG1114	4ft Alloy C Section & PVC Tubing	4 Foot			K D O H&G
SG1032	6ft Alloy C Section & PVC Tubing	6 Foot			K D O H&G
KAL9000	Aluminium Plastic Tank Extension Piece	90mm	1" M BSPT	½" F BSP	K D O H&G

Visual

READING

Instant

TYPE

| O | D | W | HVO |
| OIL | DIESEL | WATER | & GTL |

Reservoir Sight Level Gauge

› A simple & cost effective sight gauge to give an easy visualisation of the fluid level of a resevoir or tank

› Comprised of a high visibility lens moulded in a shatterproof, transparent polymide for a clear and instant level indication

› Outer casing is a high-impact black polystyrene

› Designed for front or rear installation by just drilling two holes into the tank for the bolts, which once tightened provide a leak free seal

› For use with mineral & petroleum based oils

› Different size versions available depending upon the size of the reservoir and the level that the user wishes to monitor

Code	Description	Gauge Height (mm)	Drill Centres (mm)	Working Temp	Fluids
SG1018	110mm Reservoir Sight Gauge	110	76	-30°C/+90°C	O D W H&G
SG1019	161mm Reservoir Sight Gauge	161	127	-30°C/+90°C	O D W H&G
SG1020	288mm Reservoir Sight Gauge	288	254	-30°C/+90°C	O D W H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

FILTERS & DE-AERATORS

FUEL FILTERS **121-125** | HEATING OIL FILTERS **126**
WIRE MESH **127** | DE-AERATORS **128** | WATER ABSORBERS **129-130**
CONDITIONERS **131** | FILTRATION UNITS **132-133**

FUEL FILTERS 121-125

HEATING OIL 126

WIRE MESH 127

DE-AERATORS 128

ABSORBERS 129-130

CONDITIONERS 131

FILTER UNITS 132-133

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

GOLDENROD

D DIESEL	B1 B100	B2 B20	P PETROL	HVO & GTL

GoldenRod Filters

10-17µ
MICRON

95lpm
MAX FLOW RATE

› Fuel filter range widely recognised within the agricultural market

› Particle only and water & particle versions available

› Clear bowl containing paper cartridge with drain port for easy removal of filtered impurities

› Primarily used in gravity systems but also suitable for pump installations

› Complete kit contains one element, one head, bowl & gasket

Code	Description	Micron	Max Flow	Max Bar	Inlet/ Outlet	Spare Element	Spare Head	Spare Bowl	Fluids
CTJ1800	GoldenRod Particle Only 495	10µ	95lpm	10	1" F BSP	CTJ1801 470-5	CTJ1818	CTJ1802	D
CTJ1809	GoldenRod Water & Particle 496	17µ	95lpm	10	1" F BSP	CTJ1810 496-5	CTJ1818	CTJ1802	D
CTJ1815	GoldenRod BIO-FLOW Particle	10µ	95lpm	10	1" F BSP	CTJ1816	CTJ1818	CTJ1802	B1
CTJ1813	GoldenRod Wrench 491								

GOLDENROD

D DIESEL	B1 B100	HVO & GTL

GoldenRod Mesh Strainers

178-381µ
MICRON

95lpm
MAX FLOW RATE

› Mesh strainer element designed for use with the GoldenRod bowl and head to remove large particles from fuel

› Can be emptied and cleaned of debris, making it reusable

› 40 mesh (381 micron) & 80 mesh (178 micron) versions available

› Stainless steel construction

› Install inline before the paper cartridge to catch large debris e.g. rubble or hay, leaving the paper cartridge to filter smaller particles, preventing premature replacements and extending lifespan

Code	Description	Mesh	Micron	Max Flow Rate (lpm)	Max Bar	Fluids
CTJ1811	GoldenRod 40 Mesh Strainer 470-15	40	381µ	95	10	D B1 H&G
CTJ1812	GoldenRod 80 Mesh Strainer 470-16	80	178µ	95	10	D B1 H&G

GROZ

D DIESEL	P PETROL	B1 B100	B2 B20	HVO & GTL

Groz Filters

10µ
MICRON

95lpm
MAX FLOW RATE

› Particle only and water & particle versions available

› Clear bowl containing paper cartridge with drain port for easy removal of filtered impurities

› Primarily used in gravity systems but also suitable for low flow pump installations

› Complete kit contains one element & one head

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Inlet/Outlet	Spare Element	Fluids
GROZ03	Groz Particle Only	10µ	95	10	1" F BSP	GROZ04	D P B2 H&G
GROZ01	Groz Water & Particle	10µ	95	10	1" F BSP	GROZ02	D P B2 H&G
GROZ05	Groz Bio Water & Particle	10µ	95	10	1" F BSP		D B1 H&G

Side tabs: PUMPS, FMS, METERS, HOSES, NOZZLES, ALARMS, GAUGES, FILTERS, FILL & VENT, VALVES, FITTINGS, TOOLS

Piusi Clear Captor

D DIESEL | **B2** B20 | **HVO & GTL**

› Particle only and water & particle versions available

› Clear bowl containing paper or steel cartridge with drain port for easy removal of filtered impurities and easy visual inspection

› Can be fitted to the suction or delivery of a pump installation

› Complete kits contain two elements & one head (paper versions), and one element & one head (steel mesh version)

› Supplied in a point of sale display box

5-125µ MICRON

100lpm MAX FLOW RATE

Steel Mesh Version

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Inlet/Outlet	Spare Element	Spare Head	Fluids
F00611B00	Piusi Clear Captor Particle Only	5µ	100	5	1" F BSP Flanged	F00611030	F15744000	D B2 H&G
F00611B10	Piusi Clear Captor Water & Particle	30µ	70	5	1" F BSP Flanged	F00611040	F15744000	D B2 H&G
F00611B60	Piusi Clear Captor Steel Mesh Particle	125µ	100	5	1" F BSP Flanged	F00611060	F15744000	D B2 H&G

Piusi Particle Filter

D DIESEL | **O** OIL | **P** PETROL | **B2** B20 | **HVO & GTL**

› Particle only filter with resin coated paper element for removing debris out of fuel

› Spin-on cartridge for easy replacement once full

› Can be fitted to the suction or delivery of a pump installation

› Different flow rate versions depending upon requirements

› Complete kit contains one element & one head

› Element thread: 611000 - ¾" F BSP
                    F09359000 - 1¼" F BSP

10µ MICRON

100lpm MAX FLOW RATE

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Inlet/Outlet	Spare Element	Spare Head	Fluids
F0777200A	Piusi Particle 60lpm CF60	10µ	60	12	1" F BSP Flanged	611000	F14528000	D O P B2 H&G
F09149000A	Piusi Particle 100lpm CF100	10µ	100	12	1" F BSP Flanged	F09359000	CTH1813	D O P B2 H&G

Piusi Water Captor

D DIESEL | **P** PETROL | **HVO & GTL**

› Water & particle filter with resin coated paper element for removing water & debris out of fuel

› Spin-on cartridge for easy replacement once full

› Can be fitted to the suction or delivery of a pump installation

› Different flow rate versions depending upon requirements

› 70lpm kit contains two elements, 150lpm contains one element

› Element thread: F00611010 - 1"-12 F UNF
                    F00611020 - 1½"-16 F UNF

30µ MICRON

150lpm MAX FLOW RATE

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Inlet/Outlet	Spare Element	Spare Head	Fluids
F00611A00	Piusi Water Captor 70lpm CFD 70-30	30µ	70	3.5	1" F BSP Flanged	F00611010	CTH1801	D P H&G
F00611A10	Piusi Water Captor 150lpm CFD 150-30	30µ	150	3.5	1" F BSP Flanged	F00611020	CTH1813	D P H&G

PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

Filters & De-Aerators / Fuel Filters

Cim-Tek Hydrosorb

D DIESEL **P** PETROL **HVO & GTL**

10µ MICRON

110lpm MAX FLOW RATE

› Water & particle filter with resin coated paper element for removing water & debris out of fuel
› Spin-on cartridge for easy replacement once full
› Can be fitted to the suction or delivery of a pump installation
› Different flow rate versions depending upon requirements
› Complete kit contains one element & one head
› Element thread:　CTH1819 & CTH1856- 1"-12 F UNF
　　　　　　　　　CTH1817 - 1½"-16 F UNF

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Inlet/Outlet	Spare Element	Spare Head	Fluids
CTH1830	Cim-Tek Hydrosorb 68lpm 70062	10µ	68	3.4	1" F BSP Flanged	CTH1819	CTH1801	D P H&G
CTH1818	Cim-Tek Hydrosorb 110lpm 70063	10µ	110	3.4	1" F BSP Flanged	CTH1817	CTH1813	D P H&G
NEW CTH1820	Cim-Tek Hydrosorb 70059 ½ Height Canister	10µ	68	3.4	1" F BSP Flanged	CTH1856	CTH1801	D P H&G

Cim-Tek Bio Fuel Filters

D DIESEL **B1** B100 **HVO & GTL**

10µ MICRON

100lpm MAX FLOW RATE

› Water & particle filter with high performance fibre glass element for removing contaminants from fuels with a higher bio content
› Spin-on cartridge for easy replacement once full, with a higher dirt holding capacity meaning a longer element life
› Can be fitted to the suction or delivery of a pump installation
› Different flow rate versions depending upon requirements
› Complete kit contains one element & one head
› Element thread:　R14861000 - 1"-12 F UNF
　　　　　　　　　R14862000 - 1½"-16 F UNF

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Inlet/Outlet	Spare Element	Spare Head	Fluids
F00611C00	Cim-Tek Bio 70lpm 70236	10µ	70	3.4	1" F BSP Flanged	R14861000	CTH1801	D B1 H&G
F00611C10	Cim-Tek Bio 100lpm 70024	10µ	100	3.4	1" F BSP Flanged	R14862000	CTH1813	D B1 H&G

Cim-Tek Water/Particle Pump Filter

D DIESEL **HVO & GTL**

30µ MICRON

70lpm MAX FLOW RATE

› Water & particle filter with resin coated paper element for removing water & debris out of fuel
› Spin-on cartridge for easy replacement once full
› Designed for the outlet only of pumping systems
› Element and head supplied separately (see table) - compatible head is 1" F BSP Flanged

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Spare Head	Fluids
CTH1828	Cim-Tek Water/Particle Pump 70067	30µ	70	3.4	CTH1801	D H&G

Cim-Tek Particle Pump Filter

D DIESEL | **HVO & GTL**

› Particle only filter with resin coated paper element for removing debris out of fuel

› Spin-on cartridge for easy replacement once full

› Designed for the outlet only of pumping systems

› Element and head supplied separately (see table) - compatible head is 1" F BSP Flanged

10µ MICRON

50lpm MAX FLOW RATE

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Spare Head	Fluids
CTH1804	Cim-Tek Particle Pump 70010	10µ	50	3.4	CTH1801	D H&G

Cim-Tek Hydrosorb Gravity

D DIESEL | **HVO & GTL**

› Water & particle filter with resin coated paper element for removing water & debris out of fuel

› Spin-on cartridge for easy replacement once full

› Designed for the outlet only of both gravity fed & pump systems

› 30µ and 10µ micron versions available

› Element and head supplied separately (see table) - compatible head is 1" F BSP

10-30µ MICRON

100lpm MAX FLOW RATE

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Spare Head	Fluids
CTH1807	Cim-Tek Hydrosorb Gravity 30µ 70076	30µ	100	3.4	CTH1806	D H&G
CTH1805	Cim-Tek Hydrosorb Gravity 10µ 70075	10µ	100	3.4	CTH1806	D H&G

Cim-Tek Water/Particle Gravity Filter

D DIESEL | **HVO & GTL**

› Water & particle filter with resin coated paper element for removing water & debris out of fuel

› Spin-on cartridge for easy replacement once full

› Designed for the fitting of gravity feed installations

› Compatible head is no longer manufactured - element is supplied as a replacement to existing filters only

30µ MICRON

65lpm MAX FLOW RATE

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Fluids
CTH1809	Cim-Tek Water/Particle Gravity 70066	30µ	65	3.4	D H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Cim-Tek Water/Particle High Flow Filter

10µ
MICRON

120lpm
MAX FLOW RATE

D DIESEL **HVO & GTL**

› Water & particle filter with resin coated paper element for removing water & debris out of fuel in high flow installations

› Spin-on cartridge for easy replacement once full

› Designed for the outlet only of high flow pumping systems

› Element and head supplied separately (see table) - compatible head is 1" F BSP

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Spare Head	Fluids
CTH1823	Cim-Tek Water/Particle High Flow Pump 70098	10µ	120	3.4	CTH1806	D H&G

Cim-Tek Bowser Pump Filter

14µ
MICRON

150lpm
MAX FLOW RATE

D DIESEL **HVO & GTL**

› Particle only filter with resin coated paper element for removing debris out of fuel

› Specifically designed for fitting to fuel bowsers with high flow pumping systems

› Spin-on cartridge for easy replacement once full

› Element and head supplied separately (see table) - compatible head is 1" F BSP Flanged

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Spare Head	Fluids
CTH1824	Cim-Tek Particle Microglass Bowser 70345	14µ	150	6.9	CTH1813	D H&G

Piusi 3D AdBlue® Filter

70µ
MICRON

40lpm
MAX FLOW RATE

AB ADBLUE®

› Particle filter specifically designed for removing debris & crystallisation from AdBlue®

› AdBlue® is a pure solution but contamination can occur during the filling/transferring process which can damage the vehicle's SCR system

› Highly efficient technopolymer filtering element within a protective polyamide casing

› **Please note: It is recommended that the filter is changed once a year**

Code	Description	Micron	Max Flow Rate (lpm)	Max Bar	Inlet/Outlet	Working Temperature	Spare Element	Fluids
CTH1845	Piusi 3D AdBlue® Filter	70µ	40	4	1" M BSP	-5c°/+40c°	F00611D10	AB

K KEROSENE **D** DIESEL **B1** B100 **HVO & GTL**

Ultra Compact Oil Tank Filter Kit

40µ MICRON

F x Comp INLET

› Bottom outlet oil tank filter assembly c/w Ultra Compact valve for removing debris with instant isolation and no pollution risk

› 40µ cleanable alloy bowl filter & all fittings required for installation

› On other filter valve kits, an isolation valve is not the first part screwed into the tank which means draining the tank if the seal breaks

› Saves the couple of hours it would have previously taken to pump the tank out, replace the filter and seal, and pump the fuel back in

› Isolation valve also available alone to replace the 1" BSPT x ½" BSPP adaptor supplied with generic filter assemblies e.g ARMKIT

› Can be retrofitted during service or at the time of installation

Filter Kit

Valve Only

Code	Description	Micron	Inlet	Outlet	Max Bar	Fluids
ARM400	Ultra Compact Tank Isolation Filter Kit	40µ	1" M BSPT	3/8" F BSP or 10mm Comp	2	K D B1 H&G
ARM002	Ultra Compact Tank Isolation Lever Valve Only		1" M BSPT	½" M BSP (60°) Cone	16	K D B1 H&G

K KEROSENE **D** DIESEL **HVO & GTL**

Oil Tank Filter Assembly Kit

50µ MICRON

F x Comp INLET/OUTLET

› Bottom outlet oil tank filter with lever action isolation valve for removing debris from heating oil systems

› Comes with everything required to quickly & simply install the filter

› 1" x ½" conical fitting, plastic pipe insert & reel of PTFE tape

› Ultra Compact Tank Isolation Valve version - see above for benefits

› Optional 15 micron paper filter element - **ARM800**

ARM500

ARM600

Code	Description	Micron	Max Flow Rate (lph)	Inlet	Outlet	Spare Element	Fluids
ARM500	Filter Kit	50µ	151	1" M BSPT	½" F x 10mm Comp	**ARM900**	K D H&G
ARM600	Ultra Compact Filter Kit	50µ	151	1" M BSPT	½" F x 10mm Comp	**ARM900**	K D H&G
ARM700	Ultra Compact Filter Kit - Double Take Off	50µ	151	1" M BSPT	½" F x 10mm Comp	**ARM900**	K D H&G
ARM001	Ultra Compact Tank Isolation Valve Only			1" M BSPT	½" M BSP (60°) Cone		K D H&G

K KEROSENE **D** DIESEL **O** OIL **B3** B30 **HVO & GTL**

Heating Oil Bowl Filter

40-100µ MICRON

F BSP INLET/OUTLET

› Inline particle filter designed for removing debris from small bore fuel lines such as domestic oil heating systems

› Choice or alloy constructed or clear plastic bowl

› Clear plastic version also removes water & has a drain port for easy removal of the filtered out water

› Alloy available in other thread sizes depending upon the installation

Alloy

Plastic

Code	Description	Micron	Max Pressure (bar)	Max Working Temp	Inlet/Outlet	Fluids
MF6167	Alloy ¼" Bowl Filter	100µ	2	90°c	¼" F BSP	K D H&G
MF6160	Alloy ⅜" Bowl Filter	40µ	2	90°c	⅜" F BSP	K D H&G
MF6172	Alloy ½" Bowl Filter	100µ	2	90°c	½" F BSP	K D H&G
MF6179	Plastic Oil Filter & Water Separator	60µ	2	50°C	⅜" F BSP	D O K B3 H&G

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

600-1200μ

MICRON

F BSP

INLET/OUTLET

See **pages 121-124 for particle filters**

RELATED PRODUCTS

| D DIESEL | O OIL | W WATER | HVO & GTL | ANY FLUID |

Y Strainers

› Inline Y strainers to filter out large debris to protect pump components

› Includes a drain point to allow for the easy removal of filtered impurities

› Brass & stainless steel versions available in a range of sizes depending upon installation

› Designed for basic filtration & advised to be used alongside a particle filter

Code	Description	Micron	Body	Inlet/Outlet	Fluids
OAB3022	½" Brass Y Strainer	550μ	Brass	½" F BSP	D O W H&G
OAB3023	¾" Brass Y Strainer	550μ	Brass	¾" F BSP	D O W H&G
OAB3024	1" Brass Y Strainer	550μ	Brass	1" F BSP	D O W H&G
OAB3108	1 ½" Brass Y Strainer	550μ	Brass	1 ½" F BSP	D O W H&G
OAB3109	2" Brass Y Strainer	550μ	Brass	2" F BSP	D O W H&G
BCS1038	¾" Stainless Y Strainer	1200μ	Stainless Steel	¾" F BSP	AF
BCS1037	1" Stainless Y Strainer	1200μ	Stainless Steel	1" F BSP	AF

1000μ

MICRON

M BSP

INLET/OUTLET

See **pages 121-124 for particle filters**

RELATED PRODUCTS

| D DIESEL | O OIL | W WATER | HVO & GTL | ANY FLUID |

Basket Strainers

› Basket strainers to filter out large debris to protect pump components

› Designed to be fitted in the suction line or to a non return valve on the suction side of a system

› Nylon & stainless steel versions available in a range of sizes depending upon installation

› Designed for basic filtration & advised to be used alongside a particle filter

Code	Description	Micron	Body	Thread	Inlet/Outlet	Fluids
CIM3018	⅜" Nylon Basket Strainer	1200μ	Stainless Steel	Nylon	⅜" M BSP	D O W H&G
CIM3019	½" Nylon Basket Strainer	1200μ	Stainless Steel	Nylon	½" M BSP	D O W H&G
CIM3020	¾" Nylon Basket Strainer	1200μ	Stainless Steel	Nylon	¾" M BSP	D O W H&G
CIM3021	1" Nylon Basket Strainer	1200μ	Stainless Steel	Nylon	1" M BSP	D O W H&G
CIM3022	1 ¼" Nylon Basket Strainer	1200μ	Stainless Steel	Nylon	1 ¼" M BSP	D O W H&G
CIM3023	1 ½" Nylon Basket Strainer	1200μ	Stainless Steel	Nylon	1 ½" M BSP	D O W H&G
CIM3024	2" Nylon Basket Aerainer	1200μ	Stainless Steel	Nylon	2" M BSP	D O W H&G
CIM3025	2 ½" Nylon Basket Strainer	2000μ	Stainless Steel	Nylon	2 ½" M BSP	D O W H&G
CIM3026	3" Nylon Basket Strainer	2000μ	Stainless Steel	Nylon	3" M BSP	D O W H&G
STRSS20	¾" Stainless Basket Strainer	1000μ	Stainless Steel	Stainless Steel	¾" M BSP	AF
STRSS25	1" Stainless Basket Strainer	1000μ	Stainless Steel	Stainless Steel	1" M BSP	AF

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Angle Filters

D DIESEL **O** OIL **HVO & GTL**

100μ
MICRON

F BSP Flanged
INLET/OUTLET

› Alloy angle filter designed to be fitted to inlet side of an installation to remove large debris & protect pump components

› Can also be used to change inlet/outlet orientation, reduce the obstruction size of a 90° connection & reduce system pressure

› Priming device version available with no filter as standard

› Removable wire mesh filter, with replacement element available

Code	Description	Micron	Inlet/Outlet	Priming Device	Fluids
8950	Angle Filter	100μ	1" F BSP Flanged		D O H&G
R12348000	Angle Filter Housing c/w Priming Device		1" F BSP Flanged	2m x 8mm Tubing	D O H&G
R08904000	Replacement Element	100μ			D O H&G

TigerLoop®

K KEROSENE **D** DIESEL **B1** B100 **HVO & GTL**

230lph
OIL FLOW

8lph
CAPACITY

Bio

› Oil de-aerator for removing gas/air bubbles within an oil system

› Preheats oil using heat from the boiler room & from oil pump friction heat to give cleaner combustion & reduce oil consumption

› Single pipe design to ensure that any oil not required is re-circulated within the TigerLoop® and not returned to the tank

› Bio version has metal bowl and c/w connection to safely remove vapours via a tube, allowing it to be fitted both internally & externally

› Combi models c/w integrated particle filter & shut off valve

Code	Description	Oil Flow (lph)	Max Return Oil (lph)	Capacity (lph)	Max Working Temp	Working Pressure (bar)	Inlet/Outlet	Filter	Fluids
FOL4009	TigerLoop®	230	120	8	60°c	+0.5/-0.6	¼" F BSP		K D
FOL4020	TigerLoop® Combi	230	120	8	60°c	+0.5/-0.6	¼" F BSP	20μ	K D
FOL4021	TigerLoop® Bio	230	120	8	70°c	+0.5/-0.6	¼" F BSP		K D B1 H&G
FOL4022	TigerLoop® Bio Combi	230	120	8	70°c	+0.5/-0.6	¼" F BSP	20μ	K D B1 H&G

GOK De-Aerator

K KEROSENE **D** DIESEL **HVO & GTL**

200lph
OIL FLOW

5lph
CAPACITY
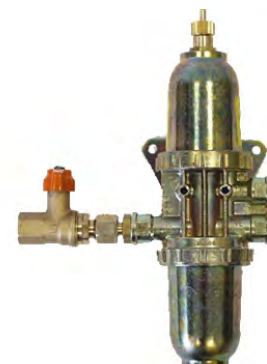
› Oil de-aerator for removing gas/air bubbles within an oil system

› Integrated particle filter & shut off valve

› Eliminated multiple external connections to reduce the risk of leakage

› Can be used with fuel oil with a maximum of 20% fatty acid methyl ester

› Suitable for mounting indoors

Code	Description	Oil Flow (lph)	Max Return Oil (lph)	Capacity (lph)	Max Working Temp	Working Pressure (bar)	Inlet/Outlet	Filter	Fluids
FC10001	GOK GS Pro-Fi 3 De-Aerator	200	80	5	60°c	+0.5/-0.6	⅜" F BSP	70μ	K D H&G

PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

Aquafighter: Don't fall victim to half solutions on the market when it comes to water in fuel

FEATURED

0.2-4.5l

ABSORBS

3.8-16cm

TANK OPENING

Aquafighter   Alternative

Aquafighter Water Absorber Range

Filters blocked with nasty diesel bug sludge, pump damage, engine failure and poor fuel economy are all costly side effects of water contaminated fuel. Standard filters and other water absorbers on the market only remove the free water – that is the layer you can see at the bottom of the tank. Aquafighter is the only absorbent product that keeps fuel completely free of water by also removing the bio-bound water types, that other products leave to continue causing issues:

Suspended water – that is bound to the fuel molecules making it appear cloudy.

Emulsified water – where pressure changes or agitation mean there is no separation between the fuel and water, turning it milky.

Features...

›	Captures and removes the free water layer AND bio-bound suspended and emulsified water content that appears as cloudy fuel
›	Prevents diesel bug and its nasty sludge from forming which blocks filters, damages pumps and causes engine issues
›	Keeps fuel clear and bright, prevents cloudy/milky fuel and fuel gelling from occurring during cold weather
›	Simply added into the tank opening and retrieved and replaced when full. No time-consuming fuel removal is required
›	Eliminates the need for most diesel fuel additives and reduces filter replacements by up to 60%
›	Models for machinery/vehicle fuel tanks (when not in use), leisure marine, generator belly tanks and bulk storage tanks
›	100% efficient at reducing water content down to <75ppm, exceeding EN590 diesel fuel standards

Don't just take our word for it!
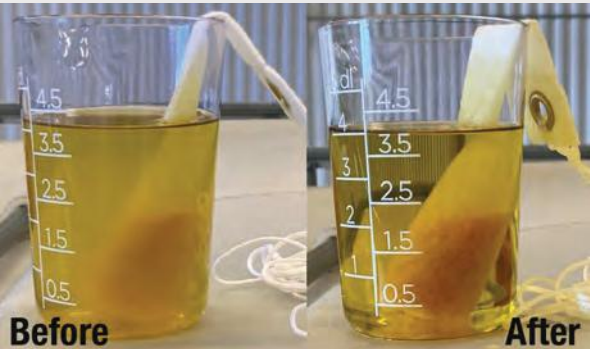
Before   After

› Over 7000 lab tests showed 100% efficiency in water content removal to under 70ppm (90% of tests were performed by 2 of the world's largest fuel producers). Testing of B7 diesel at the renowned Saybolt Laboratories showed 100% efficiency to less than 64ppm and after more than 1 week exposure, as low as 40ppm. The untreated sample tested at 363ppm.

| D DIESEL | K KERSOENE | B1 B100 | HVO & GTL |

AQUAFIGHTER

NEW

Aquafighter Finger/Snake

› Removes the free AND the suspended/emulsified water in the fuel

› For small industrial machines, agri and plant equipment when not in use, boats, and generator belly tanks

› Keeps fuel clear and bright, prevents nasty diesel bug sludge from forming and fuel gelling in cold weather to protect equipment

› Removes water level down to 75ppm to meet EN590 fuel standard

› Reduce filter replacements & eliminate the need for most additives

› **Please note:** On first use, we recommend 2 units as the first may get full quickly, leaving the second to prevent future contamination

200-500ml
ABSORBS

3.8cm
MIN. TANK OPENING

Finger

Snake

Code	Description	Absorption Amount	Size	Min. Tank Opening	Fluids
AQU999020	Aquafighter Finger	200ml	20cm x 4cm	3.8cm	D O B1 H&G
AQU999026	Aquafighter Snake	500ml	50cm x 4cm	3.8cm	D O B1 H&G

| D DIESEL | K KERSOENE | B1 B100 | HVO & GTL |

AQUAFIGHTER

NEW

Aquafighter Anaconda

› Removes the free AND the suspended/emulsified water in the fuel

› For bulk storage tanks up to 10,000l with option to install multiple absorbers on even bigger tanks if able to remove them individually

› Keeps fuel clear and bright, prevents nasty diesel bug sludge from forming and fuel gelling in cold weather to protect equipment

› Removes water level down to 75ppm to exceed EN590 fuel standard

› Reduce filter replacements & eliminate the need for most additives

› **Please note:** On first use, we recommend 2 units as the first may get full quickly, leaving the second to prevent future contamination

4l
ABSORBS

9cm
MIN. TANK OPENING

Code	Description	Absorption Amount	Size	Min. Tank Opening	Fluids
AQU999026	Aquafighter Anaconda	4l	150cm x 9cm	9cm	D O B1 H&G

| D DIESEL | K KERSOENE | B1 B100 | HVO & GTL |

AQUAFIGHTER

NEW

Aquafighter Canvas

› Removes the free AND the suspended/emulsified water in the fuel

› For bulk storage tanks up to 5,000l (medium) and 10,000l (large)

› Keeps fuel clear and bright, prevents nasty diesel bug sludge from forming and fuel gelling in cold weather to protect equipment

› Removes water level down to 75ppm to exceed EN590 fuel standard

› Reduce filter replacements & eliminate the need for most additives

› **Please note:** On first use, we recommend 2 units as the first may get full quickly, leaving the second to prevent future contamination

2.5-4.5l
ABSORBS

12-16cm
MIN. TANK OPENING

Medium Canvas

Large Canvas

Code	Description	Absorption Amount	Size	Min. Tank Opening	Fluids
AQU999021	Aquafighter Medium Canvas	2.5l	35cm x 37cm	12cm	D O B1 H&G
AQU999022	Aquafighter Large Canvas	4.5l	70cm x 27cm	16cm	D O B1 H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Vertical side tabs: PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

ETA

ETS

FXT

PURAFINER

650lpm

MAX FLOW RATE

10bar

MAX PRESSURE

See pages 121-124 for water filters

RELATED PRODUCTS

D DIESEL · **B1** B100 · **HVO & GTL**

Purafiner Fuel Conditioners

› Fuel conditioners designed to de-contaminate stored diesel

› The system uses magnets to break down colonies of bacteria in a fuel tank caused by water contamination

› They reduce the bacteria into smaller sizes enabling it to pass through a standard filter, preventing your equipment & vehicles from damage that unfiltered bacteria causes

› Different sized & flow rate versions available

› FXT & ETA models are constructed from aluminium and used within smaller installations e.g. pumps & generators

› ETS models are constructed from steel and used within larger installations e.g. steel tanks & marine vessels

Code	Description	Seals	Port Size	Max Flow Rate (lpm)	Max Pressure (bar)	Body	Fluids
FXT10	FXT 3/8"	Viton	⅜" F BSP	8	6.5	Marine Aluminium	D B1 H&G
FXT12	FXT ½"	Viton	½" F BSP	8	6.5	Aluminium	D B1 H&G
ETA2000	ETA 1"	Viton	1" F BSP	85	7.9	Aluminium	D B1 H&G
ETS1200	ETS ¾"		¾" F BSP	150	10	Steel	D B1 H&G
ETS2000	ETS 1"		1" F BSP	200	10	Steel	D B1 H&G
ETS5000	ETS 2"		2" F BSP	650	10	Steel	D B1 H&G

Tank Dryer

1. Tank Dryer sat in Tank
2. Tank Dryer Cord

Heating Oil
Water
Sludge

Cim-TEK FILTRATION
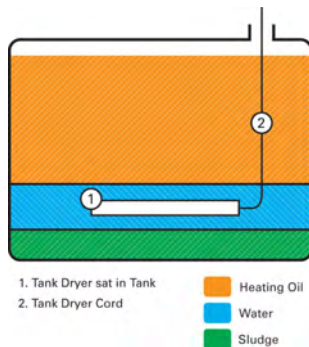
350ml

ABSORBS

2"

TANK OPENING

See pages 121-124 for water filters

RELATED PRODUCTS

D DIESEL · **O** OIL · **P** PETROL · **B1** B100 · **HVO & GTL**

Cim-Tek Tank Dryer

› Designed to be lowered into a fuel tank to check for and remove excess free water contamination at the bottom of the tank

› Each individual tank sock contains a highly absorbent silica gel that can absorb up to 350ml of unwanted free water

› Requires a 2" tank opening to be able to remove the sock as it will expand to 40mm diameter when full

› Comes with a 2.2m retrieval cord for easily pulling out the used tank sock once it has reached absorption capacity

› Suitable for use with all fuel tanks although most commonly used with heating oil tanks

› **Please note: If the tank dryer finds water, it is advised to fit a water filter**

Code	Description	Tank Dryers	Absorber Length	Cord Length	Absorption Amount	Min. Tank Opening	Fluids
CTS1901	Cim-Tek Tank Dryer	1	590mm	2.2m	350ml	2"	D O P B1 H&G
CTS1909	Cim-Tek Tank Dryer - Pack of 12	12	590mm	2.2m	350ml	2"	D O P B1 H&G

Prevent fuel from getting stagnant & avoid costly damage with the CTS recirculation unit

CTS Fuel Recirculation Unit

This unit is designed to prevent fuel inside a storage tank from getting stagnant - particularly those with low usage such as generator back up tanks, that whilst not used often are of high importance. By keeping it free of contaminants, damage and downtime to equipment and vehicles the fuel passes through is avoided.

The system draws the fuel up from the front of the tank through the magnetic conditioner, keeping any bacteria microbes dormant, and then through a two stage water and particle filtration process. The fuel is then circulated back into the rear of the tank.

AC
POWER

70000 Litres
FOR TANKS UP TO

FEATURED

Benefits...	
1	Italian manufactured Piusi Panther pump for long, trouble free service life.
2	Purafiner magnetic fuel conditioner to break up any bacteria growth and prevent filter blockages.
3	Two stage Piusi filtration with bowls to observe and drain any contamination – 30 micron water & particle and 5 micron final finishing particle filter.
4	Internal timer to control the period that the fuel is circulated. This is set as standard to turn over 1.5x the tank capacity every 28 days (the period that it takes for bacteria colonies to form).
5	IP55 rated control panel with large, visible coloured lights for diagnosing any issues that need to be dealt with i.e. Filter blocked and low level/leak/fault.
6	If the flow switch detects a filter blockage, the filter light on the control panel will illuminate and the pump will turn off until the filter is replaced.
7	Input for an alarm/gauge to detect a low level, and a leak probe for a drip tray (if installed). Light illuminates if activated and the pump turns off until action is taken.
8	Two passive BMS outputs for the remote warning of filter block and low level/leak/fault to alert the user that they need to take action.
9	Mushroom style emergency stop button to allow the immediate stop of pump functions by anyone.
10	Plated for sturdy fixing to a metal fuel tank or cabinet.

Accessories...

230v	Alarm c/w Relays	Single Fuel Probe
F0075510D	**SWS2001**	**SWS1035**
Cat Page: 116	Cat Page: 106	Cat Page: 105

WATCH

How diesel bugs become a problem and how the Recirc Unit can help...

Code	Description	Max Tank Capacity (l)	Max Turnover Per Day (l)	V	Pump	Micron	Fluids
CTS1033	Fuel Recirculation Unit 40,000l Tanks	40,000	3000	230	Panther 56	Water - 30 / Particle - 5	D H&G
CTS1048	Fuel Recirculation Unit 70,000l Tanks	70,000	4000	230	Panther 72	Water - 30 / Particle - 5	D H&G
F00611040	Replacement Water/Particle Element					30	D H&G
F00611030	Replacement Particle Element					5	D H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

| D DIESEL | O OIL | HVO & GTL |

Piusi Filtroll

56lpm

MAX FLOW RATE

AC/DC

POWER

› Portable filtration unit for extracting fuel, removing impurities & then dispensing it directly into a vehicle or recirculating it back into the container during tank/IBC cleaning

› Sturdy trolley unit with large diameter wheels for transportation across uneven ground & drip tray to prevent mess

› c/w pump, manual nozzle & nozzle support (diesel) or 1" tube (oil)

› Delivery hose & hose holder for compact & neat storage

› Suction hose c/w locking Vantage foot valve & strainer which stops diesel leaking out when the system is no longer in use

› Stage one 30µ water filter & stage two 5µ particle filter for ensuring that maximum contaminants are removed

› Versions for diesel & oil available in a range of voltages depending upon requirements

› Oil version has maximum viscosity of 500cSt

Code	Description	Max Flow Rate (lpm)	V	Filter	Nozzle	Hose	Fluids
F00506000	Filtroll 230v Diesel	56	230	30µ Water + 5µ Particle	Self 3000	4m del, 4m suct	D H&G
F00506010	Filtroll 230v Oil	25	230	30µ Water + 5µ Particle	1" Tube	3m del, 3m suct	D O H&G
F00506060	Filtroll 12v Diesel	56	12	30µ Water + 5µ Particle	Self 3000	4m del, 4m suct	D H&G
F00611030	Replacement Particle Filter			5µ			D O H&G
F00611020	Replacement Water Filter			30µ			D O H&G

PIUSI

| O OIL |

Piusi Depuroil

50lpm

MAX FLOW RATE

AC

POWER

› Portable filtration unit for extracting oil, removing debris and then dispensing it into a new container or recirculating it back into the existing container

› Sturdy trolley unit with wheels & a support holder for the dispensing valve for compact & neat storage

› c/w Viscomat pump, delivery & suction hose with strainer

› 10µ particle filter & filter block warning pressure gauge to alert the user when the filter element needs replacing

› Designed for cleaning waste oil tanks & used machinery oil so that it can be recycled & reused

› Maximum viscosity of 500cSt

› Operating noise level under 70dB

› Different voltage versions available depending upon customer requirements

Code	Description	Max Flow Rate (lpm)	V	Filter	Nozzle	Hose	Fluids
50300A	Depuroil 230v	25	230	10µ Particle	1" Tube	2m del, 2m suct	O
50302B	Depuroil 110v	25	110	10µ Particle	1" Tube	2m del, 2m suct	O
F00503100	Depuroil 60 230v	50	230	10µ Particle	1" Tube	2m del, 2m suct	O
611000	Replacement Filter			10µ Particle			O

FILL POINT & VENT EQUIPMENT

FILLER CAPS 135-137 | FILL POINTS 138-139
VENT CAPS & COWLS 140-141

FILLER CAPS 135-137

FILL POINTS 138-139

VENT CAPS 140-141

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Up to 4"

SIZE

F BSP

CONNECTION

ANY FLUID

Aluminium Filler Cap

› Robust filler cap designed to cap off the fill point of a tank or valve

› Prevents dripping and unwanted debris/water from entering into the tank's fill pipe

› Complete with chain and 'S' ring to secure the cap to the male threaded fill pipe

› Two large lugs either side of the cap to enable easy application & removal

› Comes with either a leather or rubber sealing washer

› Available in a range of sizes depending on the installation requirements

Code	Description	Material	Seal	Chain	Threads	Fluids
MF3156	1 ½" Aluminium Filler Cap	Aluminium	Leather	Brass	1 ½" F BSP	AF
MF3157	2" Aluminium Filler Cap	Aluminium	Rubber	Brass	2" F BSP	AF
MF3158	2 ½" Aluminium Filler Cap	Aluminium	Leather	Brass	2 ½" F BSP	AF
MF3159	3" Aluminium Filler Cap	Aluminium	Rubber	Brass	3" F BSP	AF
MF3160	4" Aluminium Filler Cap	Aluminium	Rubber	Brass	4" F BSP	AF

Up to 3"

SIZE

F BSP

CONNECTION

ANY FLUID

Brass Filler Cap

› Hardwearing filler cap designed to cap off the fill point of a tank or valve

› Prevents dripping and unwanted debris/water from entering into the tank's fill pipe

› Complete with chain and 'S' ring to secure the cap to the male threaded fill pipe

› Lugs either side of the cap to enable application & removal (apart from 1" model)

› Comes with either a rubber, leather or synthetic sealing washer

› Available in a range of sizes depending on the installation requirements

Code	Description	Material	Seal	Chain	Threads	Fluids
MF3155	1" Brass Filler Cap	Brass	Rubber	Brass	1" F BSP	AF
MF3161	1 ½" Brass Filler Cap	Brass	Leather	Brass	1 ½" F BSP	AF
MF3162	2" Brass Filler Cap	Brass	Synthetic	Brass	2" F BSP	AF
MF3163	2 ½" Brass Filler Cap	Brass	Leather	Brass	2 ½" F BSP	AF
MF3164	3" Brass Filler Cap	Brass	Leather	Brass	3" F BSP	AF

ANY FLUID

Plastic Filler Cap

› Cost effective filler cap designed to cap off the fill point of a tank or valve

› Prevents dripping and unwanted debris/water from entering into the tank's fill pipe

› Complete with chain and clip to secure the cap to the male threaded fill pipe

› Small lugs positioned around the cap to enable easy application & removal

2" SIZE

F BSP CONNECTION
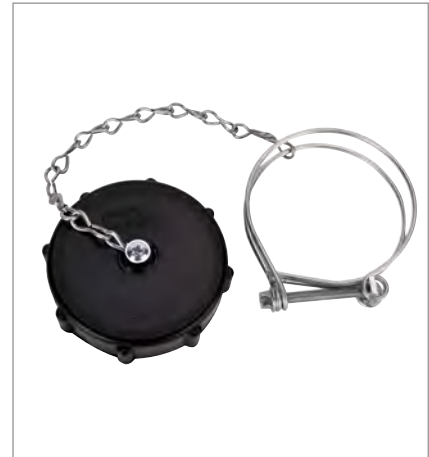
Code	Description	Material	Chain	Threads	Fluids
MF6152	2" Plastic Filler Cap	Plastic	Alloy	2" F BSP	AF

ANY FLUID

Stainless Steel Filler Cap

› Robust filler cap designed to cap off the fill point of a tank or valve

› Prevents dripping and unwanted debris/water from entering into the tank's fill pipe

› Complete with chain and clip to secure the cap to the male threaded fill pipe

› Small lugs positioned around the cap to enable easy application & removal

› Supplied with leather seal as standard, PTFE on request for use with aggressive fluids

2" SIZE

F BSP CONNECTION

Code	Description	Material	Seal	Chain	Threads	Fluids
MF3154	2" Stainless Steel Filler Cap	Stainless Steel	Leather	Stainless Steel	2" F BSP	AF

D DIESEL **O** OIL **K** KEROSENE **HVO & GTL**

Spinsecure Tank Lock

› Most secure tank lock on the market popular for domestic tanks

› Fits onto a tank's 2" fill point to secure the contents against theft

› Patented design means that when cap is locked it spins freely & is almost impossible to remove

› Padlock free-design with no torque points for crowbar entry

› High security numbered lock with over 50,000 combinations

› Simple fitting with no sealants, adhesives or tools required

› Adaptor available to allow use on 2" F threads

2" SIZE

F BSP CONNECTION

Code	Description	Material	Seal	Keys	Thread	Fluids
FSS750MF	2" Spinsecure Tank Lock	Zinc Alloy	NBR	3	2" F BSP	D O K H&G
FSS750A	2" Spinsecure Tank Lock Adaptor	Zinc Alloy	NBR		2" M BSP	D O K H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

136

ANY FLUID

Lockable Filler Cap

Up to 4"
SIZE

F BSP
CONNECTION

› Use with the lockable fill pipe adaptor to cap off & lock the fill point of a tank (see bottom of page)

› Adaptor fits onto the pipe thread & secured by a screw & the fill cap screws onto the adaptor

› The adaptor's bar is pushed up to prevent the cap from turning

› A padlock (not included) can be applied to keep the bar in position

› Cap & adaptor are sold separately

Code	Description	Material	Seal	Threads	Fluids
OAB3171	2" Lockable Filler Cap	ZA12 Alloy	Leather	2" F BSP	AF
OAB3172	2 ½" Lockable Filler Cap	ZA12 Alloy	Leather	2 ½" F BSP	AF
OAB3173	3" Lockable Filler Cap	ZA12 Alloy	Leather	3" F BSP	AF
OAB3174	4" Lockable Filler Cap	ZA12 Alloy	Leather	4" F BSP	AF

ANY FLUID

Lockable Dip & Fill Cap

2"
SIZE

F BSP
CONNECTION

› Use with the lockable fill pipe adaptor to cap off & lock the fill point of a tank (see bottom of page)

› Comes with the additional facility to store a dipstick

› Adaptor fits onto the pipe thread & secured by a screw & the fill cap screws onto the adaptor

› The adaptor's bar is pushed up to prevent the cap from turning

› A padlock (not included) can be applied to keep the bar in position

› Cap & adaptor are sold separately

Code	Description	Material	Seal	Threads	Fluids
OAB3185	2" Lockable Dip & Fill Cap	ZA12 Alloy	Leather & Rubber	2" F BSP	AF
OAB3176	2 ½" Lockable Dip & Fill Cap	ZA12 Alloy	Leather & Rubber	2 ½" F BSP	AF
OAB3170	3" Lockable Dip & Fill Cap	ZA12 Alloy	Leather & Rubber	3" F BSP	AF
OAB3178	4" Lockable Dip & Fill Cap	ZA12 Alloy	Leather & Rubber	4" F BSP	AF

ANY FLUID

Lockable Fill Pipe Adaptor

Up to 4"
SIZE

F BSP
CONNECTION

› Use with the lockable filler cap to cap off & lock the fill point of a tank

› Adaptor fits onto the pipe thread & secured by a screw & the fill cap screws onto the adaptor

› The adaptor's bar is pushed up to prevent the cap from turning

› A padlock (not included) can be applied to keep the bar in position

› Cap & adaptor are sold separately

Code	Description	Material	Seal	Threads	Fluids
OAB3179	2" Lockable Fill Pipe Adaptor	ZA12 Alloy	Leather	2" F BSP x 2" M BSP	AF
OAB3180	2 ½" Lockable Fill Pipe Adaptor	ZA12 Alloy	Leather	2 ½" F BSP x 2 ½" M BSP	AF
OAB3181	3" Lockable Fill Pipe Adaptor	ZA12 Alloy	Leather	3" F BSP x 3" M BSP	AF
OAB3182	4" Lockable Fill Pipe Adaptor	ZA12 Alloy	Leather	4" F BSP x 4" M BSP	AF

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

D DIESEL **K** KEROSENE **O** OIL **HVO & GTL**

Straight Fill Point

› Designed to allow easy filling of large static tanks from ground level or from a remote location

› Aluminium fill point nipple with flat face for a good tanker fitting seal

› Brass fill cap to stop dripping & debris from entering (other fill cap material available)

› Lever ball valve & non return valve

› Comes complete with a four hole wall/cabinet mounting brackets

› Primarily purchased at the tank manufacturing stage for OEM use

2"
SIZE

F BSP
CONNECTION

Code	Description	Inlet	Outlet	Length (mm)	Height (mm)	Fluids
FP001	2" Straight Fill Point	2" M BSP	2" M BSP	275	270	D K O H&G

D DIESEL **K** KEROSENE **O** OIL **HVO & GTL**

Angled Fill Point

› Designed to allow easy filling of large static tanks from ground level or from a remote location

› Custom 45° fitting with flat face for a good tanker fitting seal

› Angled fill point means there is only a very small amount of disconnect dripping due to fuel being held within the 45° fitting

› Brass fill cap to prevent dripping & debris from entering (other fill cap material available)

› Lever ball valve & non return valve

› Comes complete with a four hole wall/cabinet mounting brackets

› Primarily purchased at the tank manufacturing stage for OEM use

2"
SIZE

F BSP
CONNECTION

Code	Description	Inlet	Outlet	Length (mm)	Height (mm)	Fluids
FP002	2" Angled Fill Point	2" M BSP	2" F BSP	390	200	D K O H&G

D DIESEL **K** KEROSENE **O** OIL **HVO & GTL**

Fill Point Nipple

› Designed to terminate the fill pipe on an above ground fuel storage tank

› Tanker connection end has a parallel thread & flat face for a good tanker fitting seal

› Other end has a tapered thread for connection to the valves & pipework

› Aluminium construction

Up to 3"
SIZE

M BSP/BSPT
CONNECTION

Use with the filler caps on pages 135-136
RELATED PRODUCTS

Code	Description	Inlet	Outlet	Length (mm)	Fluids
FIL04	2" Fill Point Nipple	2" M BSPT	2" M BSP	78	D K O H&G
FIL02	3" Fill Point Nipple	3" M BSPT	3" M BSP	88	

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

138

Secure fuel tank fill points away from theft without making level readings difficult

FEATURED

Example Installation

2"
SIZE

TOP ENTRY
ORIENTATION

Please note: Alarms & gauges are purchased separately

CTS Fuel Tank Fill Point Cabinet

CTS DESIGN

The CTS Fill Point Cabinet makes up part of the increasing range of in-house designed storage tank products. It is designed to securely lock away the fuel tank's fill point from theft and tampering, without making it difficult to view level readings.

The benefit of the CTS fill point cabinet over alternatives on the market is its partial glass front. If an installed gauge is showing a low fuel level, anyone at the tank can identify that a fuel delivery is required even when the cabinet is closed. On other models with a full metal door this would go undetected until the cabinet was next opened, which could result in unexpectedly running out.

Designed for installation onto the side of a steel storage tank, an external bund that the fuel tank sits on/inside, or a wall in remote filling point scenarios. It is also often used as a remote fill cabinet in oil heating installations where the tank is not easily accessed by the fuel delivery driver.

Open - As Supplied

Benefits...	
1	Partial tempered glass front to allow the viewing of alarm/gauges even if locked, meaning that an issue can be detected without accessing the cabinet first.
2	As the glass front is only partial, the fill point is still secured out of sight and reach behind the lockable cabinet door. It is positioned so that if the glass is broken, no syphoning fitting can be attached.
3	Pre-threaded mounting holes on cabinet back plate for simple installation of various alarms and gauges.
4	Removable drip tray with sight glass & easy grip handle. Can be opened even when cabinet is locked to allow convenient emptying/cleaning at all times.
5	Top entry 2" fill point c/w lever ball valve to isolate the line, check valve, union and filler cap to prevent dripping.
6	Top and bottom vents to allow airflow circulation at all times and prevent the build-up of vapour from any excess diesel sitting in the drip tray.
7	4 cable gland cut outs to allow the power cables and gauge tubing to be neatly fixed into the unit.
8	Painted sturdy steel cabinet with lockable door catches and wall brackets for easy tank mounting.
9	Alarms and gauges are available to be purchased separately (see left) to fit inside the cabinet.

Accessories... 9

Ocio Gauge
230v
F0075510D
Cat Page: 116

Unitel Gauge
Percentage
OAB9000
Cat Page: 112

Mains Alarm
Mains Multi-Zone
SWS2000
Cat Page: 106

Code	Description	Entry	Fill Point	Lever Ball Valve	Filler Cap	Drip Tray	Fluids
CTS1049	CTS Lockable Fill Point Cabinet	Top	2"	✓	Aluminium	✓	D H&G

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

ANY FLUID

Plastic Vent Cap

› Designed to fit over the male thread on the top of an above ground storage tank to provide ventilation

› Normally used on domestic heating oil storage tanks

› A screw is provided on the side of the cap to cut into the male thread on the tank to hold it in place

› Integrated plastic mesh to stop external particles from entering the tank and the fuel from being contaminated

2"
SIZE

Slip Over
CONNECTION

See **page 141 for PRV vent valves**

RELATED PRODUCTS

Code	Description	Material	Connection	Top Thread	Mesh	Fluids
MF6153	2" Plastic Vent Cap	Plastic	2" Slip Over		✓	AF

ANY FLUID

Plastic Combi Vent Cap

› Designed to fit over the male thread on the top of an above ground storage tank to provide ventilation

› Comes with a top thread for screwing a float gauge into the top and saving the tank manufacturer from drilling an additional hole

› Normally used on domestic heating oil storage tanks

› A screw is provided on the side of the cap to cut into the male thread on the tank to hold it in place

2"
SIZE

Slip Over
CONNECTION

See **page 111 for float gauge**

RELATED PRODUCTS

Code	Description	Material	Connection	Top Thread	Mesh	Fluids
MF6164	2" Plastic Combi Vent Cap	Plastic	2" Slip Over	1 ½" F BSP		AF

ANY FLUID

Aluminium Vent Cowl/Cap

› Designed to fit over the male thread on the top of an above ground storage tank to provide ventilation

› Normally used on steel fuel storage tanks

› 3 lugs provided round the bottom of the cowl for direct fitting

› Allan key fitting in one of the lugs to help secure the cowl to the male thread on the tank

Up to 3"
SIZE

Slip Over
CONNECTION

See **page 141 for PRV vent valves**

RELATED PRODUCTS

Code	Description	Material	Connection	Fluids
MF6156	2" Aluminium Vent Cowl/Cap	Aluminium	2" Slip Over	AF
MF6163	2 ½" Aluminium Vent Cowl/Cap	Aluminium	2 ½" Slip Over	AF
MF6149	3" Aluminium Vent Cowl/Cap	Aluminium	3" Slip Over	AF

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Up to 2"
SIZE

F BSP
CONNECTION

See below for PRV vent valves
RELATED PRODUCTS

ANY FLUID

Aluminium Vent Cowl/Cap c/w Flameproof Screen

› Designed to fit over the male thread on the top of an above ground storage tank or breather riser on an underground tank

› Flameproof screen for use on steel fuel storage tanks containing flammable liquids

› Dual thread for fitting to 1 ½" or 2" M BSP threads

› Conforms to BS EN 12874-2001

Code	Description	Material	Connection	Fluids
OAB3191	Dual Thread Flameproof Vent Cowl/Cap	Aluminium	1 ½" F BSP & 2" F BSP	AF
OAB3193	3" Flameproof Vent Cowl/Cap	Aluminium	3" F BSP	AF

2"
SIZE

M BSP
CONNECTION

D DIESEL   **HVO & GTL**

Plastic PRV Vent Valve

› Pressure/vacuum valve with integrated poppet type valve

› Designed to prevent fuel vapours from escaping under normal operating conditions

› Plastic body with metal stem & sealing 'o-ring'

› Suitable for both static & mobile storage tanks

Code	Description	Connection	Opening Pressure (vacuum to tank)	Opening Pressure (vent to atmosphere)	Body	Fluids
MF6154	Plastic Pressure/Vacuum Vent Valve	2" M BSP	17mb	137mb	Plastic	D H&G

2"
SIZE

F BSP
CONNECTION

D DIESEL   **P PETROL**   **HVO & GTL**

Metal PRV Vent Valves

› Pressure/vacuum valve with integrated poppet type valve

› Designed to prevent fuel vapours from escaping under normal operating conditions

› Aluminium body & Teflon coating

› Suitable for fitting to top of risers on stage 1B vapour recovery systems & static tanks

› Tested to BS EN 12874:2001

Code	Description	Connection	Opening Pressure (vacuum to tank)	Opening Pressure (vent to atmosphere)	Body	Fluids
MF6155	Metal Pressure/Vacuum Vent Valve	2" F BSP	2mb	35mb	Teflon Coated Aluminium	D P H&G

VALVES

OPV 143		**SAFETY 144-146**
FIRE 147		**CHECK & FOOT 148-151**
ISOLATION 152-159		**DRUM & IBC 160-161**

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

VALVES

FILTERS

FILL & VENT

FITTINGS

TOOLS

Cleanfill

AdBlue® Version

LAFON EQUIPEMENTS PETROLIERS

40-650lpm
FLOW RATE RANGE

2" M BSP
INLET

D DIESEL **K** KEROSENE **AB** ADBLUE® **HVO & GTL**

Lafon Cleanfill Overfill Prevention

› European made, automatically operating overfill prevention valve for above ground storage tanks

› Valve closes when the storage tank is full, to prevent further fluid from being dispensed and spillages from occurring

› Device can easily be retrofitted to both gravity-fed & pumping installations or installed at tank manufacturing stage

› Less than one minute re-opening time

› Wire mesh to prevent debris from affecting the inner workings

› EN13616/KIWA BRL-K363 accredited

Code	Description	Flow Rate Range (lpm)	Pressure Range (bar)	Inlet Connection	Working Temp	Material	Fluids
DN50	2" Cleanfill OPV	40-650	0.15-7	2" M BSP	-25°c/+50°c	Alloy	D K H&G
DN51	2" Cleanfill OPV AdBlue®	40-650	0.15-7	2" M BSP	-10°c/+35°c	Stainless Steel	AB WS W

Spillstop

Plastic Tank

35-600lpm
FLOW RATE RANGE

2" M BSP
INLET

D DIESEL **K** KEROSENE **HVO & GTL**

SpillStop Overfill Prevention

› Cost effective, automatically operating overfill prevention valve for above ground storage tanks

› Valve closes when the storage tank is full, to prevent further fluid from being dispensed and spillages from occurring

› Device can easily be retrofitted to both gravity-fed & pumping installations or installed at tank manufacturing stage

› Less than one minute re-opening time

› BS EN13616 & OFTEC approved

› Version for steel tanks and version for plastic tanks

Code	Description	Flow Rate Range (lpm)	Pressure Range (bar)	Inlet Connection	Working Temp	Fluids
DN50/2	2" SpillStop OPV	35-600	0.15-6	2" M BSP	-20°c/+50°c	D K H&G
DN50/2P	2" SpillStop OPV Plastic Tanks	35-600	0.15-6	2" M BSP	-20°c/+50°c	D K H&G

LAFON EQUIPEMENTS PETROLIERS

60-1000lpm
FLOW RATE RANGE

3" F BSP
INLET

D DIESEL **K** KEROSENE **P** PETROL **HVO & GTL**

Solo Limiter Overfill Prevention

› Overfill prevention valve for high capacity above & below ground storage tanks fed by gravity or pump

› Valve closes when the tank is full, to prevent further fluid from being dispensed and spillages from occurring

› Anti-vortex to prevent valve closing prematurely

› Less than one minute re-opening time

› EN13616/KIWA BRL-K363 accredited

› ATEX approved for Zone 0

› **Please note: Installation required at the manufacturing stage - not to be retrofitted**

Code	Description	Flow Rate Range (lpm)	Pressure Range (bar)	Inlet Connection	Working Temp	Fluids
DN30	3" Solo Limiter OPV	60-1000	0.15-8	3" F BSP	-25°c/+60°c	D K P H&G

| K KEROSENE | O OIL | D DIESEL | HVO & GTL |

GOK Pressure Regulating Valve

> Designed for regulating the pressure in a single appliance gravity feed system

> Commonly used within oil heating systems with a liquid head range of 2-30 metres

> Fixed outlet pressure of 100mbar

> c/w 10mm compression ends

20lph
MAX FLOW RATE

10mm Compression
INLET/OUTLET

Code	Description	Inlet/Outlet	Inlet Pressure (bar)	Outlet Pressure (mbar)	Max Flow Rate (lph)	Fluids
FC11003	GOK Pressure Regulating Valve	10mm Compression	0.5-6	100	20	K O D H&G

| D DIESEL | P PETROL | B3 B30 | HVO & GTL |

Pressure Regulating Anti-Syphon Valve

> Designed to avoid syphoning or accidental emptying of an above ground storage tank

> Prevents head loss & regulates the flow with no hammering effect

> Can be fitted either horizontally or vertically with a maximum liquid column of 6m

> Tri-flange connection allows valve to be serviced without disturbing the pipework

> Valve adjustment screw for adapting to the installation

> Possible to fit two valves in parallel for increased flow rate

83lpm
MAX FLOW RATE

1½" F BSP
INLET/OUTLET

Code	Description	Inlet/Outlet	Max Flow Rate (lpm)	Wire Mesh Filter	Fluids
ND4049	Pressure Regulating Anti-Syphon Valve	1 ½" F BSP Flanged	83	✓	D P B3 H&G

| D DIESEL | W WATER | HVO & GTL |

Adjustable Pressure Relief Valve

> Designed for use with pumps that have no internal bypass valve

> Commonly sold alongside engine driven pumps when a nozzle is used

> Working pressure is adjustable from 1 to 10 bar

> 1" and 2" versions available

1" to 2"
SIZE

F BSP
CONNECTION

Code	Description	Connection	Working Pressure (bar)	Body	Fluids
CTS125EDP	1" Adjustable Pressure Relief Valve	1" F BSP	1-10	Brass	D W B3 H&G
CTS2500EDP	2" Adjustable Pressure Relief Valve	2" F BSP	1-10	Brass	D W B3 H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Detect oil line problems and prevent leaks immediately with the Line Guardian

FEATURED

76m
MAX RUN

F Cone x F BSP
INLET/OUTLET

Line Guardian Oil Leak Prevention

This double oil line leak prevention system is designed to avoid loss of fuel and costly environmental clean ups. As well as stopping oil flow in the event of a line leak, the line itself is also less likely to leak in the first place, thanks to its 2 parts:

1. The mechanical valve that connects to the tank outlet only opens if the other end is fully pressurised. If the line splits or has even a pinhole in it, the pressure loss shuts the valve immediately, stopping oil from being released and leaking out.

2. The oil line benefits from a polyamide inner tube with a convoluted stainless outer tube, so that even if the outer tube splits, oil would be kept contained inside the inner tube.

Ideal for use with Ultra Compact Valve

› We recommend installation alongside the Ultra Compact Valve to ensure full isolation from the tank inlet, rather than an isolation valve being the first part screwed into the tank.
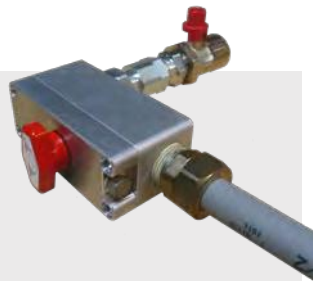
See page 126 for more information

INFORMATION

Benefits...	
»	Has fusible plugs at both ends & a trigger in the valve to stop the flow of oil from tank in event of a fire.
»	Full line protection (from valve to tank termination fitting) unlike other systems on the market.
»	Purely mechanical valve ensuring fail safe operation – no electricity or calibration required.
»	Can be used instead of an anti-syphon valve and does not require a vacuum to open.
»	Fuel line has exceptional flexibility and will not crack or break under repeated bending.
»	Suitable for indoor/outdoor installation, top/bottom feed tanks, above/underground with max run of 76m.
»	Easy to install with standard hand tools and a good quality tube cutter for the oil line.
»	System is UL approved and used extensively in Canada and USA.

Please note:
The oil line is sold separately to the valve and termination fitting to allow you to choose the length of inner and outer tubing that you need to cut down for your installation length.

Code	Description	Inlet	Outlet	Length (m)/(ft)	OD (mm)	Fluids
LGS080806CA	Valve & Termination Fitting Set	½" F BSP Cone	3/8" F BSP			K
LG108050	Oil Line Outer Tube 15m (50ft)			15/50	20	K
LG108250	Oil Line Outer Tube 76m (250ft)			76/250	20	K
LG206050	Oi Line Inner Tube 15m (50ft)			15/50	9.6	K
LG206250	Oil Line Inner Tube 76m (250ft)			76/250	9.6	K

D DIESEL **O** OIL **K** KEROSENE **W** WATER **HVO & GTL**

Pressure Relief Angle Check Valve

› Brass non return valve for fitting to a pump's suction line to prevent line drainage and to keep the pump fully primed

› Ensures pressure from the fuel head is held back from the pump

› c/w pressure relief valve to overcome the pressure build up in pumping systems caused by long hoses, reels & hose-runovers

› Works by venting pressure back to the tank, preventing damage to equipment such as pump shaft seals leaking & meters cracking

› F x F BSP threaded inlet/outlet

› Viton seals and seat

› To choose correct spring pressure (psi) measure from the ground level to the top of the tank

› 6ft= 3psi / 8ft=4psi / 10ft=4.5psi / 12ft=6psi

1½" to 2"
SIZE

F BSP
CONNECTION

See **page 148** for versions without pressure relief valve

RELATED PRODUCTS

Code	Description	Inlet/Outlet	Body	Safety Valve (bar)	Valve Seat	Spring	Pressure (bar/psi)	Fluids
OAB3135PRV	1½" Pressure Relief Angle Check Valve	1 ½" F BSP	Brass	1.38	Viton			D O K W H&G
OAB3025PRV	2" Pressure Relief Angle Check Valve	2" F BSP	Brass	1.38	Viton			D O K W H&G
OAB3135PR	Pressure Relief Valve Poppet Only		Brass	1.38	Viton			D O K W H&G
OAB4049	1 – PSI Spring					Steel	0.06/1	D O K W H&G
OAB4050	3 – PSI Spring					Steel	0.21/3	D O K W H&G
OAB4051	4.5 – PSI Spring					Steel	0.31/4.5	D O K W H&G
OAB4052	6 – PSI Spring					Steel	0.41/6	D O K W H&G
OAB4054	11 – PSI Spring					Steel	0.76/11	D O K W H&G

W WATER

Spinsecure Tap Lock

› High security lock for securing outdoor taps against tampering, vandalism & theft to reduce water bills & prevent flooding

› Fits most outdoor taps in gardens, holiday homes, allotments, caravan parks, golf clubs, farms and other unmanned properties

› When locked it spins freely & is almost impossible to remove

› Padlock free-design with no torque points for crowbar entry

› Simple fitting with no sealants, adhesives or tools required

› c/w 2 magnetic keys coded to match the lock. Multiple taps on the same property can be keyed alike so only 1 key is required

› Handle adaptor version that replaces the handle on your tap also available, which is designed for regular users, as once fitted it never needs to be removed, just unlocked.

SPINSECURE

Tap Spout
CONNECTION

Tap Lock for Spout

Handle Adaptor

Code	Description	Material	Keys	Connection	Fluids
SPS100	Spinsecure Tap Lock for Spout	Zinc Alloy	2	Tap Spout	W
SPS110	Handle Adaptor for Regular Tap Use			Tap Handle	W

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

15m

MAX CAPILLARY

³/₈" F BSPT

INLET/OUTLET

See below for
fire valve tester

RELATED PRODUCTS

| K KEROSENE | D DIESEL | HVO & GTL |

Remote Acting Fire Valve

› Designed to close off the oil supply to the burner in the event of a fire

› As a precaution, the valve will not reopen until the manual reset is activated

› Will not be able to reopen until temperature has fallen to 30°C

› Brass body c/w copper tube sensor & stainless steel piston

› Higher flow rate for more industrial applications

› Horizontal or vertical fitting

› Suitable for class C & D fuels

› BSRIA & OFTEC approved to E101

Code	Description	Capillary (m)	Cut-Off Temperature	Inlet/Outlet	Flow Rate L/Hr @ 2m Head	Fluids
MF6173	Remote Acting Fire Valve 1.5m 66°C	1.5	66°C	⅜" F BSPT	395	K D H&G
MF6174	Remote Acting Fire Valve 3m 66°C	3	66°C	⅜" F BSPT	395	K D H&G
MF6175	Remote Acting Fire Valve 6m 66°C	6	66°C	⅜" F BSPT	395	K D H&G
MF6176	Remote Acting Fire Valve 9m 66°C	9	66°C	⅜" F BSPT	395	K D H&G
MF6177	Remote Acting Fire Valve 15m 66°C	15	66°C	⅜" F BSPT	395	K D H&G
MF61739	Remote Acting Fire Valve 1.5m 90°C	1.5	90°C	⅜" F BSPT	395	K D H&G
MF61749	Remote Acting Fire Valve 3m 90°C	3	90°C	⅜" F BSPT	395	K D H&G
MF61759	Remote Acting Fire Valve 6m 90°C	6	90°C	⅜" F BSPT	395	K D H&G
MF61769	Remote Acting Fire Valve 9m 90°C	9	90°C	⅜" F BSPT	395	K D H&G

14.5mm

MAX SENSOR SIZE

See above
for fire valves

RELATED PRODUCTS

| K KEROSENE | D DIESEL | HVO & GTL |

Oil Fire Valve Tester

› Safe and reliable unit to test whether a fire valve cuts off as it should during installation and servicing of oil fired systems

› Adjustable temperature dial to set the unit at the cut off temperature of the fire valve being tested - usually 65°C or 90°C

› When the temperature is reached a green light will come on to indicate that the unit is ready to use

› Insert the valve sensor into the test unit and allow 3 minutes to see whether the valve trips as it should

› A must have safety item for oil heating engineers as a safer and more accurate testing method than using jugs of hot water

› Conforms to EN 60730-1

› Suitable for use with all types of remote acting fire valves

Code	Description	V	Max Sensor Diameter	Max Sensor Length	Temperature Range	Fluids
MF6170	Oil Fire Valve Tester	230	14.5mm	150mm	0-120°C	K D H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

| D DIESEL | O OIL | K KEROSENE | W WATER | HVO & GTL |

Brass Check Valve

› Brass, spring loaded non return valve to allow flow in only one direction

› Suitable for vertical, horizontal or oblique pipelines

› Streamline body popular in fuel & oil installations

› F x F BSP threaded inlet/outlet

› Available in a range of sizes

› PN40 (½"-¾") PN25 (1"-1½") PN10 (2"-3") pressure rating

¹/₂" to 2¹/₂"
SIZE

F BSP
CONNECTION

Code	Description	Inlet/Outlet	Body	Spring	Pressure (bar/psi)	Valve Seat	Fluids
CG3008	½" Brass NRV	½" F BSP	Brass	Stainless Steel	0.025/0.36	NBR	D O K W H&G
CG3009	¾" Brass NRV	¾" F BSP	Brass	Stainless Steel	0.025/0.36	NBR	D O K W H&G
CG3010	1" Brass NRV	1" F BSP	Brass	Stainless Steel	0.025/0.36	NBR	D O K W H&G
CG3011	1 ¼" Brass NRV	1 ¼" F BSP	Brass	Stainless Steel	0.025/0.36	NBR	D O K W H&G
CG3012	1 ½" Brass NRV	1 ½" F BSP	Brass	Stainless Steel	0.025/0.36	NBR	D O K W H&G
CG3021	2" Brass NRV	2" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CG3014	2 ½" Brass NRV	2 ½" F BSP	Brass	Stainless Steel	0.025/0.36	NBR	D O K W H&G
CG3015	3" Brass NRV	3" F BSP	Brass	Stainless Steel	0.025/0.36	NBR	D O K W H&G
9170	1" Brass NRV c/w Pressure Relief Valve	1" F BSP	Brass	Stainless Steel	0.05/0.73	NBR	D O K W H&G

| D DIESEL | P PETROL | O OIL | K KEROSENE | W WATER | HVO & GTL |

Brass Angle Check Valve

› Brass non return valve for fitting to a pump's suction line to prevent line drainage and to keep the pump fully primed

› Ensures the pressure from the fuel head is held back from the pump

› F x F BSP threaded inlet/outlet

› To choose correct spring pressure (psi) measure from the ground level to the top of the tank

› 6ft= 3psi / 8ft=4psi / 10ft=4.5psi / 12ft=6psi

1¹/₂" to 2"
SIZE

F BSP
CONNECTION

See **page 146** for version with pressure relief valve
RELATED PRODUCTS

Code	Description	Inlet/Outlet	Body	Spring	Pressure (bar/psi)	Valve Seat	Fluids
OAB3134	1 ½" Brass Angle Check Valve	1 ½" F BSP	Brass			NBR	D O K W H&G
OAB3135	1 ½" Brass Angle Check Valve	1 ½" F BSP	Brass			Viton	D P O K W H&G
OAB3136	1 ½" Brass Straight Check Valve	1 ½" F BSP	Brass			Viton	D P O K W H&G
OAB3028	2" Brass Angle Check Valve	2" F BSP	Brass			NBR	D O K W H&G
OAB3025	2" Brass Angle Check Valve	2" F BSP	Brass			Viton	D P O K W H&G
OAB3026	2" Brass Straight Check Valve	2" F BSP	Brass			Viton	D P O K W H&G
OAB4049	1 – PSI Spring			Steel	0.06/1		D O K W H&G
OAB4050	3 – PSI Spring			Steel	0.21/3		D O K W H&G
OAB4051	4.5 – PSI Spring			Steel	0.31/4.5		D O K W H&G
OAB4052	6 – PSI Spring			Steel	0.41/6		D O K W H&G
OAB4054	11 – PSI Spring			Steel	0.76/11		D O K W H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

³/₈" to 4"

SIZE

F BSP

CONNECTION

| D DIESEL | O OIL | K KEROSENE | W WATER | HVO & GTL |

CIM 30DK Check Valve

› Brass, spring loaded non return valve to allow flow in only one direction

› Suitable for vertical, horizontal or oblique pipelines

› Designed for heating, compressed air, fuel & pump installations

› PN20 pressure rating

› F x F BSP threaded inlet/outlet

› Available in a range of sizes

Code	Description	Inlet/Outlet	Body	Spring	Pressure (bar/psi)	Valve Seat	Fluids
CIM3007	⅜" CIM 30DK NRV	⅜" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3008	½" CIM 30DK NRV	½" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3009	¾" CIM 30DK NRV	¾" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3010	1" CIM 30DK NRV	1" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3011	1 ¼" CIM 30DK NRV	1 ¼" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3012	1 ½" CIM 30DK NRV	1 ½" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3013	2" CIM 30DK NRV	2" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3014	2 ½" CIM 30DK NRV	2 ½" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3015	3" CIM 30DK NRV	3" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G
CIM3016	4" CIM 30DK NRV	4" F BSP	Brass	Stainless Steel	0.025/0.36	Viton	D O K W H&G

1" to 1¹/₂"

SIZE

M x F BSP

CONNECTION

| D DIESEL | O OIL | K KEROSENE | W WATER | HVO & GTL |

Brass MxF Check Valve

› Brass, spring loaded non return valve to allow flow in only one direction

› Suitable for vertical, horizontal or oblique pipelines

› Designed for heating, compressed air, fuel & pump installations

› M x F BSP threaded inlet/outlet

› KIWA, WRC, NF, DVGW approved (CIM models only)

› PN16 pressure rating

Code	Description	Inlet/Outlet	Body	Spring	Pressure (bar/psi)	Valve Seat	Fluids
CIM1016	½" CIM 32DK NRV	½" M x ½" F BSP	Brass	Stainless Steel	0.01 / 0.14	Viton	D O K W H&G
CIM1017	¾" CIM 32DK NRV	¾" M x ¾" F BSP	Brass	Stainless Steel	0.01 / 0.14	Viton	D O K W H&G
CIM1018	1" CIM 32DK NRV	1" M x 1" F BSP	Brass	Stainless Steel	0.01 / 0.14	Viton	D O K W H&G
CIM1020	1 ½" CIM 32DK NRV	1 ½" M x 1 ½" F BSP	Brass	Stainless Steel	0.01 / 0.14	Viton	D O K W H&G
CTS1021	2" MXF NRV	2" M x 2" F BSP	Brass	Stainless Steel	0.01 / 0.14	Viton	D O K W H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Piusi Plastic Check & Foot Valve

D DIESEL **O** OIL **HVO & GTL**

› Plastic, spring loaded non return valve for flow in only one direction
› Integrated relief valve to alleviate build up in the fuel line caused by thermal expansion or direct back pressure
› Heavy duty version for use in higher pressure lines
› Foot valve versions available complete with plastic & stainless steel strainer for removing large particles at suction side of hose

PIUSI

³/₄" to 1"
SIZE

Check Valve

Foot Valve

Code	Description	Inlet	Body	Spring	Pressure (bar/psi)	Valve Seal	Strainer	Fluids
F15749000	1" Piusi Plastic NRV	1" F BSP	Acetal Resin	Stainless Steel	0.05/0.73	Viton		D O H&G
F16169000	1" Piusi Plastic NRV (HD)	1" F BSP	Acetal Resin	Stainless Steel	0.1/1.45	Viton		D O H&G
F00609000	1" Piusi Plastic Foot Valve	1" Hose Tail	Acetal Resin	Stainless Steel	0.05/0.73	Viton	✓	D O H&G
F00612000	¾" Piusi Plastic Foot Valve	¾" Hose Tail	Acetal Resin	Stainless Steel	0.05/0.73	Viton	✓	D O H&G

Stainless Steel Check & Foot Valve

D DIESEL **O** OIL **K** KEROSENE **W** WATER **AB** ADBLUE® **C** CHEMICAL **HVO & GTL**

› 316 S/S spring loaded non return valve for flow in only one direction
› Suitable for a wide range of fluids including fuels, AdBlue® & chemicals that need to be kept free of material contamination
› ¾" and 1" models depending upon installation requirements
› Foot valve versions available complete with stainless steel strainer for removing large particles at the suction side of a hose
› PN20 pressure rating

³/₄" to 1"
SIZE

F BSP
CONNECTION

Check Valve

Foot Valve

Code	Description	Inlet	Body	Spring	Pressure (bar/psi)	Valve Seal	Strainer	Fluids
CVSS30420	¾" Stainless Steel NRV	¾" F BSP	Stainless Steel	Stainless Steel	0.07/1.02	Viton		D O K W AB C H&G
CVSS30425	1" Stainless Steel NRV	1" F BSP	Stainless Steel	Stainless Steel	0.07/1.02	Viton		D O K W AB C H&G
CTSSSFV001	¾" Stainless Steel Foot Valve	¾" F BSP	Stainless Steel	Stainless Steel	0.07/1.02	Viton	✓	D O K W AB C H&G
CTSSSFV002	1" Stainless Steel Foot Valve	1" F BSP	Stainless Steel	Stainless Steel	0.07/1.02	Viton	✓	D O K W AB C H&G

S/S Wafer Swing Check Valve

D DIESEL **O** OIL **K** KEROSENE **W** WATER **AB** ADBLUE® **C** CHEMICAL **HVO & GTL**

› S/S wafer, swing non return valve to allow flow in only one direction
› Compact solution for installations where space is an issue
› Smaller surface area makes it a cost effective alternative to others
› Stainless Steel body, Viton seals, seats & 'o-ring'
› PN16 pressure rating
› Wafer pattern to suit ASA ISO flanges
› Suitable for upwards and horizontal flow

2" to 4"
SIZE

Wafer Pattern
CONNECTION

Code	Description	Inlet/Outlet	Pressure (bar/psi)	Working Temp.	Body	Valve Seat	Fluids
AX119-200	2" S/S Wafer Swing Check Valve	2" Wafer Pattern	16/232	-25°c/+200°c	Stainless Steel	Viton	D O K W AB C H&G
AX119-300	3" S/S Wafer Swing Check Valve	3" Wafer Pattern	16/232	-25°c/+200°c	Stainless Steel	Viton	D O K W AB C H&G
AX119-400	4" S/S Wafer Swing Check Valve	4" Wafer Pattern	16/232	-25°c/+200°c	Stainless Steel	Viton	D O K W AB C H&G

PUMPS | FMS | METERS | HOSES | NOZZLES | ALARMS | GAUGES | FILTERS | FILL & VENT | VALVES | FITTINGS | TOOLS

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

| **³⁄₈"** |
| SIZE |

| **F BSP** |
| CONNECTION |

| K KEROSENE | O OIL | D DIESEL | HVO & GTL |

Oil Check Valve

› Brass non return valve to allow flow in only one direction

› Designed for use in oil heating installations

› Valve comes complete with 8mm & 10mm pipe connectors

› F x F BSP threaded inlet/outlet

Code	Description	Inlet/Outlet	Body	Spring	Pressure (bar/psi)	Valve Seal	Fluids
FOL4008	Brass NRV for Oil	³⁄₈" F BSP	Brass	Stainless Steel	0.01/0.14	POM	K O D H&G

| **1"** |
| SIZE |

| **F BSP** |
| CONNECTION |

| D DIESEL | O OIL | K KEROSENE | W WATER | HVO & GTL |

Brass Foot Valve

› Brass spring loaded non return valve with plastic & stainless steel strainer

› Used on the suction side to ensure the fuel drawn up by the pump is free of large particles that could cause damage

› Economical option popular in fuel & oil installations

› F BSP threaded ends

Code	Description	Inlet	Body	Spring	Pressure (bar/psi)	Valve Seal	Fluids
7746C	1" Brass Foot Valve	1" F BSP	Brass	Stainless Steel	0.07/1.02	NBR	D O K W H&G

PIUSI

| **³⁄₄" to 1"** |
| SIZE |

| **F BSP** |
| CONNECTION |

| D DIESEL | O OIL | HVO & GTL |

Piusi Vantage Locking Foot Valve

› Spring loaded non return valve with stainless steel strainer

› Used on the suction side to ensure the fuel drawn up by the pump is free of large particles

› The valve seat can be locked in position to stop diesel leaking out, making it ideal for portable pumping systems where the suction hose will be moved & stored

› Constructed of strong, anti-shock plastic material

› F BSP threaded ends

Code	Description	Inlet	Body	Spring	Pressure (bar/psi)	Valve Seal	Fluids
F12399050	Piusi 1" Vantage Locking Foot Valve	1" F BSP	Acetal Resin	Stainless Steel	0.05/0.73	Viton	D O H&G
F12399080	Piusi ¾" Vantage Locking Foot Valve	¾" F BSP	Acetal Resin	Stainless Steel	0.05/0.73	Viton	D O H&G

D DIESEL **O** OIL **W** WATER **G** GAS **HVO & GTL**

Yellow Handle Lever Ball Valve

› Italian manufactured nickel-plated full bore brass lever ball valve designed for starting/shutting off flow

› Popular within gas, water & fuel applications

› Steel handle, FP 'o-ring' & PTFE seals

› PN40 (¼" - 1") PN32 (1¼"-2") PN16 (2½" – 4") pressure rating

› PN20 (¼"-2") PN10 (2½"-4") pressure rating for gas applications

› WRAS & EN331:1998 gas approved

› Available in a range of sizes

MADE IN ITALY

¼" to 4"
SIZE

F BSP
CONNECTION

WRAS APPROVED PRODUCT
EN331 GAS APPROVED

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
AX194-014	¼" FXF Brass Lever Ball Valve	¼" F BSP	10	45	41	10	D O W G H&G
AX194-038	⅜" FXF Brass Lever Ball Valve	⅜" F BSP	10	45	41	10	D O W G H&G
AX194-050	½" FXF Brass Lever Ball Valve	½" F BSP	15	63	54	15	D O W G H&G
AX194-075	¾" FXF Brass Lever Ball Valve	¾" F BSP	16	71	58	20	D O W G H&G
AX194-100	1" FXF Brass Lever Ball Valve	1" F BSP	19	83	66	25	D O W G H&G
AX194-125	1 ¼" FXF Brass Lever Ball Valve	1 ¼" F BSP	21	92	71	32	D O W G H&G
AX194-150	1 ½" FXF Brass Lever Ball Valve	1 ½" F BSP	21	104	80	40	D O W G H&G
AX194-200	2" FXF Brass Lever Ball Valve	2" F BSP	26	124	88	50	D O W G H&G
AX194-250	2 ½" FXF Brass Lever Ball Valve	2 ½" F BSP	20	130	120	61	D O W G H&G
AX194-300	3" FXF Brass Lever Ball Valve	3" F BSP	24	150	127	74	D O W G H&G
AX194-400	4" FXF Brass Lever Ball Valve	4" F BSP	27	178	135	95	D O W G H&G

D DIESEL **O** OIL **W** WATER **G** GAS **HVO & GTL**

Yellow Handle Lever Ball Valve

› Nickel-plated full bore brass lever ball valve designed for starting/shutting off flow

› Popular within gas, water & fuel applications

› Steel handle, NBR 'o-ring' & PTFE seals

› PN20 (¼"-2") PN10 (2½"-4") pressure rating

› WRAS & EN331:1998 gas approved

› Available in a range of sizes

¼" to 4"
SIZE

F BSP
CONNECTION

WRAS APPROVED PRODUCT
EN331 GAS APPROVED

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
AX103-014	¼" FXF Brass Lever Ball Valve	¼" F BSP	11.5	45	41	10	D O W G H&G
AX103-038	⅜" FXF Brass Lever Ball Valve	⅜" F BSP	11.5	45	41	10	D O W G H&G
AX103-050	½" FXF Brass Lever Ball Valve	½" F BSP	15	57	52	14.5	D O W G H&G
AX103-075	¾" FXF Brass Lever Ball Valve	¾" F BSP	18	67	49	19	D O W G H&G
AX103-100	1" FXF Brass Lever Ball Valve	1" F BSP	19.5	77	62	24.5	D O W G H&G
AX103-125	1 ¼" FXF Brass Lever Ball Valve	1 ¼" F BSP	20	88	81	31.5	D O W G H&G
AX103-150	1 ½" FXF Brass Lever Ball Valve	1 ½" F BSP	21	99	90	40	D O W G H&G
AX103-200	2" FXF Brass Lever Ball Valve	2" F BSP	26.5	121	96	49	D O W G H&G
AX103-250	2 ½" FXF Brass Lever Ball Valve	2 ½" F BSP	31	146	122	62	D O W G H&G
AX103-300	3" FXF Brass Lever Ball Valve	3" F BSP	36.8	168	132	73	D O W G H&G
AX103-400	4" FXF Brass Lever Ball Valve	4" F BSP	41.6	199	143	90	D O W G H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

MADE IN ITALY

D DIESEL   **O** OIL   **W** WATER   **HVO & GTL**

¹/₄" to 4"
SIZE

F BSP
CONNECTION

Cimberio Red Handle Lever Ball Valve

› Italian manufactured nickel-plated full bore brass lever ball valve designed for starting/shutting off flow

› Popular in fuel, plumbing, heating & waterworks applications

› HNBR 'o-ring' & PTFE ball gaskets

› PN32 (¼"-2") PN20 (2½"-4") pressure rating

› Manufactured to EN29000 - ISO9000

› Available in a range of sizes

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
LB4001	¼" Fullway Red Ball Valve	¼" F BSP	11.5	45	34	10	D O W H&G
LB4002	⅜" Fullway Red Ball Valve	⅜" F BSP	12.5	47	34	10	D O W H&G
LB4003	½" Fullway Red Ball Valve	½" F BSP	17.5	62	47.5	15	D O W H&G
LB4004	¾" Fullway Red Ball Valve	¾" F BSP	19	69	52	20	D O W H&G
LB4005	1" Fullway Red Ball Valve	1" F BSP	22	83.5	56.5	25	D O W H&G
LB4006	1 ¼" Fullway Red Ball Valve	1 ¼ F BSP	22.5	92	66	32	D O W H&G
LB4007	1 ½" Fullway Red Ball Valve	1 ½" F BSP	25	109.5	81	40	D O W H&G
LB4008	2" Fullway Red Ball Valve	2" F BSP	29	130.5	88	50	D O W H&G
LB4009	2 ½" Fullway Red Ball Valve	2 ½" F BSP	27	150.5	126	63	D O W H&G
LB4010	3" Fullway Red Ball Valve	3" F BSP	28	171	137	76	D O W H&G
LB4011	4" Fullway Red Ball Valve	4" F BSP	35	205	162	100	D O W H&G

WRAS APPROVED PRODUCT

D DIESEL   **O** OIL   **W** WATER   **HVO & GTL**

¹/₄" to 4"
SIZE

F BSP
CONNECTION

Red Handle Lever Ball Valve

› Nickel-plated full bore brass lever ball valve designed for starting/shutting off flow

› Popular in fuel, plumbing, heating & waterworks applications

› Steel handle, NBR 'o-ring' & PTFE seals

› PN32 (¼" - 1") PN25 (1¼"-2") PN16 (2½"-4") pressure rating

› WRAS approved

› Available in a range of sizes

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
AX193-014	¼" FXF Brass Lever Ball Valve	¼" F BSP	9.5	41.5	39.5	10.5	D O W H&G
AX193-038	⅜" FXF Brass Lever Ball Valve	⅜" F BSP	10	43.5	39.5	10.5	D O W H&G
AX193-050	½" FXF Brass Lever Ball Valve	½" F BSP	10	55.2	42.5	15	D O W H&G
AX193-075	¾" FXF Brass Lever Ball Valve	¾" F BSP	11	57.5	46	20	D O W H&G
AX193-100	1" FXF Brass Lever Ball Valve	1" F BSP	13	68.5	69	25	D O W H&G
AX193-125	1 ¼" Brass Lever Ball Valve	1 ¼" F BSP	15.5	90	69	32	D O W H&G
AX193-150	1 ½" FXF Isolation Lever Ball Valve	1 ½" F BSP	16.5	91.5	83.5	40	D O W H&G
AX193-200	2" FXF Brass Lever Ball Valve	2" F BSP	18	122	83.5	50	D O W H&G
AX193-250	2 ½" FXF Brass Lever Ball Valve	2 ½" F BSP	23.5	131.5	107	62	D O W H&G
AX193-300	3" FXF Brass Lever Ball Valve	3" F BSP	25	151	116.5	75	D O W H&G
AX193-400	4" FXF Brass Lever Ball Valve	4" F BSP	27	182	152	95	D O W H&G

| D DIESEL | O OIL | W WATER | HVO & GTL |

Brass Lockable Lever Ball Valve

› Full bore brass lockable lever ball valve designed for starting/shutting off flow

› Can be locked in the open or closed position using a padlock for security or safety (padlock not supplied)

› PN25 pressure rating

› F X F threaded inlet/outlet

› Available in a range of sizes

½" to 3"
SIZE

F BSP
CONNECTION

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
LB5003	½" Lockable Brass Ball Valve	½" F BSP	15.5	59	51	15	D O W H&G
LB5004	¾" Lockable Brass Ball Valve	¾" F BSP	17	64	60	20	D O W H&G
LB5005	1" Lockable Brass Ball Valve	1" F BSP	21	81	64	25	D O W H&G
LB5007	1 ½" Lockable Brass Ball Valve	1 ½" F BSP	23	102	86	40	D O W H&G
LB5008	2" Lockable Brass Ball Valve	2" F BSP	26.5	121	93	50	D O W H&G
LB5009	2 ½" Lockable Brass Ball Valve	2 ½" F BSP	33	155	130	62	D O W H&G
LB5010	3" Lockable Brass Ball Valve	3" F BSP	33.5	177	136	75	D O W H&G

| D DIESEL | O OIL | W WATER | AB ADBLUE® | C CHEMICAL | HVO & GTL |

Stainless Steel Lockable Lever Ball Valve

› Full bore stainless steel lockable lever ball valve designed for starting/shutting off flow

› Can be locked in the open or closed position using a padlock for security or safety

› Suitable for more aggressive applications such as chemical or AdBlue® pipelines

› 82 bar (½"-1") 62 bar (2") pressure rating

› F X F threaded inlet/outlet

› Available in a range of sizes

½" to 2"
SIZE

F BSP
CONNECTION

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
LB5015	½" Lockable S/S Ball Valve	½" F BSP	12.5	57	50	15	D O W AB C H&G
LB6000	¾" Lockable S/S Ball Valve	¾" F BSP	15	68	53	20	D O W AB C H&G
LB6001	1" Lockable S/S Ball Valve	1" F BSP	18	80	68.5	25	D O W AB C H&G
LB6003	2" Lockable S/S Ball Valve	2" F BSP	25	124	99	50	D O W AB C H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

15-54mm

SIZE

Compression

CONNECTION

| D DIESEL | O OIL | W WATER | G GAS | HVO & GTL |

Brass Compression Ball Valve

› Nickel-plated full bore brass lever ball valve designed for starting/ shutting off flow

› Popular choice within heating/plumbing applications

› Steel handle, NBR 'o-ring' & PTFE seals

› Heavy duty industrial brass olives

› PN25 pressure rating

› Compression inlet/outlet

› WRAS & EN331:1998 gas approved

› Available in a range of sizes

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
AX106-015	15mm Compression Brass Ball Valve	15mm	18.75	70.5	52.5	15mm	D O W G H&G
AX106-022	22mm Compression Brass Ball Valve	22mm	20.25	80	54.5	22mm	D O W G H&G
AX106-028	28mm Compression Brass Ball Valve	28mm	22	91.5	69	28mm	D O W G H&G
AX106-035	35mm Compression Brass Ball Valve	35mm	24	109	78	35mm	D O W G H&G
AX106-042	42mm Compression Brass Ball Valve	42mm	28	123	86	42mm	D O W G H&G
AX106-054	54mm Compression Brass Ball Valve	54mm	32	150	100	54mm	D O W G H&G

½" to 1"

SIZE

M x F / F x F BSP

CONNECTION

| D DIESEL | O OIL | W WATER | HVO & GTL |

Brass Angle Ball Valve

› Chrome-plated 90° full bore brass lever angle ball valve designed for starting/shutting off flow

› EN331:1998 gas approved

› M x F or F x F options available

› Available in a range of sizes

› PN40 pressure rating

Code	Description	Inlet/Outlet	Thread Depth (mm)	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
R780XL003	½" M XF Angle Ball Valve	½" MXF BSP	17	50	76	15	D O W H&G
R780XL004	¾" MXF Angle Ball Valve	¾" MXF BSP	19	58	90	20	D O W H&G
R780XL005	1" MXF Angle Ball Valve	1" MXF BSP	24	69	101	25	D O W H&G
R783LX003	½" FXF Angle Ball Valve	½" FXF BSP	17	50	69	15	D O W H&G
R783LX004	¾" FXF Angle Ball Valve	¾" FXF BSP	20	58	86	20	D O W H&G
R783LX005	1" FXF Angle Ball Valve	1" F XF BSP	24	69	98	25	D O W H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

| D DIESEL | O OIL | W WATER | HVO & GTL |

Brass Gate Valve

› Economy brass gate valve designed for starting/shutting off flow

› Used within fuel and water installations

› PN20 pressure rating

› BS5154 approved

› F X F BSPT threaded inlet/outlet

› Available in a range of sizes

¹/₂" to 4"
SIZE

F BSPT
CONNECTION

Code	Description	Inlet/Outlet	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
VT1317	½" Brass Gate Valve	½" F BSP	43	72.1	13	D O W H&G
VT1318	¾" Brass Gate Valve	¾" F BSP	46	76.7	14	D O W H&G
VT1319	1" Brass Gate Valve	1" F BSP	52	87.6	18	D O W H&G
VT1321	1 ½" Brass Gate Valve	1 ½" F BSP	66	113.7	30	D O W H&G
VT1322	2" Brass Gate Valve	2" F BSP	82.5	147.7	41	D O W H&G
VT1323	2 ½" Brass Gate Valve	2 ½" F BSP	94	163.5	57	D O W H&G
VT1324	3" Brass Gate Valve	3" F BSP	103	190	69.5	D O W H&G
VT1325	4" Brass Gate Valve	4" F BSP	119.5	235	82	D O W H&G

| D DIESEL | O OIL | W WATER | HVO & GTL |

Locking Angle Gate Valve

› Brass locking angle gate valve designed for starting/shutting off flow

› Primarily used on the bottom outlet of a gravity fed fuel tank

› Locking lever allows it to be padlocked when not in use (padlock not supplied)

› Pressed steel hand wheel for added strength & vandal resistance

› Used within fuel and water installations

› PN8 pressure rating

› M X F threaded inlet/outlet

1"
SIZE

M x F BSP
CONNECTION

Code	Description	Inlet/Outlet	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
OAB3046	Locking Angle Gate Valve	1" M x 1" F BSP	90	80	24.5	D O W H&G

PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

| D DIESEL | O OIL | W WATER | HVO & GTL |

Giacomini Brass Gate Valve

› Brass gate valve with aluminium alloy hand wheel designed for starting/shutting off flow

› Used within fuel and water installations

› PN16 pressure rating

› BS5154 approved

› F X F threaded inlet/outlet

› Available in a range of sizes

MADE IN ITALY

³/₈" to 4"
SIZE

F BSP
CONNECTION

Code	Description	Inlet/Outlet	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
GT3401	³⁄₈" Brass Gate Valve	³⁄₈" F BSP	37	60	12	D O W H&G
GT3402	½" Brass Gate Valve	½" F BSP	43	64	14	D O W H&G
GT3403	¾" Brass Gate Valve	¾" F BSP	48	76	19	D O W H&G
GT3404	1" Brass Gate Valve	1" F BSP	54	87	25	D O W H&G
GT3405	1 ¼" Brass Gate Valve	1 ¼" F BSP	62	96	32	D O W H&G
GT3406	1 ½" Brass Gate Valve	1 ½" F BSP	64	110	38	D O W H&G
GT3407	2" Brass Gate Valve	2" F BSP	76	140	51	D O W H&G
GT3408	2 ½" Brass Gate Valve	2 ½" F BSP	80	186	60	D O W H&G
GT3409	3" Brass Gate Valve	3" F BSP	84	198	70	D O W H&G
GT3410	4" Brass Gate Valve	4" F BSP	100	285	100	D O W H&G

| D DIESEL | O OIL | W WATER | HVO & GTL |

Cimberio Brass Gate Valve

› Brass gate valve with aluminium alloy hand wheel for starting/shutting off flow

› Used within fuel and water installations

› PN20 pressure rating

› BS5154 approved/Kite mark KM553179 (½"to 4" versions)

› F X F BSPT threaded inlet/outlet

› Available in a range of sizes

MADE IN ITALY

¹/₄" to 4"
SIZE

F BSPT
CONNECTION

Code	Description	Inlet/Outlet	Length (mm)	Height (mm)	Bore DN (mm)	Fluids
VT1280	¼" Brass Gate Valve	¼" F BSPT	40	71	12	D O W H&G
VT1281	³⁄₈" Brass Gate Valve	³⁄₈" F BSPT	40	71	12	D O W H&G
VT1282	½" Brass Gate Valve	½" F BSPT	44	80	13	D O W H&G
VT1283	¾" Brass Gate Valve	¾" F BSPT	48	97	19	D O W H&G
VT1284	1" Brass Gate Valve	1" F BSPT	55	108	25	D O W H&G
VT1285	1 ¼" Brass Gate Valve	1 ¼" F BSPT	61	122	32	D O W H&G
VT1286	1 ½" Brass Gate Valve	1 ½" F BSPT	65	142	39	D O W H&G
VT1287	2" Brass Gate Valve	2" F BSPT	71	166	50	D O W H&G
VT1288	2 ½" Brass Gate Valve	2 ½" F BSPT	92	212	64	D O W H&G
VT1289	3" Brass Gate Valve	3" F BSPT	98	248	77	D O W H&G
VT1290	4" Brass Gate Valve	4" F BSPT	107	297	102	D O W H&G

D DIESEL	**O** OIL	**W** WATER	**HVO & GTL**

2" to 4"
SIZE

Wafer
CONNECTION

Ductile Iron Wafer Butterfly Valve

› Wafer, butterfly valve designed for starting/shutting off flow

› Designed to fit in between flanges, making it a compact solution for installations where space is an issue

› Smaller surface area makes it a cost effective alternative to equivalent valves

› Handle can be locked in the open or closed position for security or safety

› Ductile iron body, NBR seal, Stainless Steel disc

› PN16 pressure rating

› Wafer pattern to suit ASA ISO flanges

› Working temperature 0°c/+90°c

› BS5155 approved

Code	Description	Inlet/Outlet	Pressure (bar)	Body	Valve Seal	Fluids
LB7000	2" Ductile Iron Wafer Butterfly Valve	2" Wafer Pattern	16	Ductile Iron	NBR	D O W H&G
LB7001	3" Ductile Iron Wafer Butterfly Valve	3" Wafer Pattern	16	Ductile Iron	NBR	D O W H&G
LB7002	4" Ductile Iron Wafer Butterfly Valve	4" Wafer Pattern	16	Ductile Iron	NBR	D O W H&G

D DIESEL	**O** OIL	**W** WATER	**HVO & GTL**

1/2" to 2"
SIZE

F BSP
CONNECTION

Brass Ball Valve c/w Actuator

› Full bore brass ball valve c/w electric actuator with manual override for automating starting/shutting off flow

› Being electrically actuated, the valve does not need manually operating making it ideal for remote locations

› Nickel plated body, chrome plated ball, PTFE seats, FPM O-ring

› Used within fuel and water applications (WRAS approved)

› Accepts multiple voltage inputs for installation flexibility

› 2x volt free outputs SPDT, thermostatic anti-condensation heater, end of travel confirmation and LED actuator status indication

› F X F threaded inlet/outlet

› Max working temperature +70°c

› Protection grade: IP67

› Configured: Power open/close, stays put on loss of mains power

WRAS APPROVED PRODUCT

Code	Description	Inlet/Outlet	V	Pressure (bar)	Valve Body	Fluids
CTS9020	½" Brass Ball Valve c/w Actuator	½" F BSP	24-240 AC, 24 DC	68	Brass	D O W H&G
CTS9021	¾" Brass Ball Valve c/w Actuator	¾" F BSP	24-240 AC, 24 DC	68	Brass	D O W H&G
CTS9022	1" Brass Ball Valve c/w Actuator	1" F BSP	24-240 AC, 24 DC	68	Brass	D O W H&G
CTS9023	1 ¼" Brass Ball Valve c/w Actuator	1 ¼" F BSP	24-240 AC, 24 DC	68	Brass	D O W H&G
CTS9024	1 ½" Brass Ball Valve c/w Actuator	1 ½" F BSP	24-240 AC, 24 DC	68	Brass	D O W H&G
CTS9025	2" Brass Ball Valve c/w Actuator	2" F BSP	24-240 AC, 24 DC	68	Brass	D O W H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Valves / Isolation Valves

¹/₂" to 1"
SIZE

F BSP
CONNECTION

| D DIESEL | O OIL | W WATER | AIR AIR | HVO & GTL |

Brass Normally Closed Solenoid Valve

› Normally closed solenoid valve meaning flow is shut off until activated
› When internal coil is energised, the valve is activated and opens to allow liquid flow
› Designed for applications where fluid only needs to be released on occasions
› Brass body & NBR diaphragm suitable for fuels, oils & water
› Direct acting; no pressure needs to be applied to operate
› Screwed BSP F x F
› 100% duty coil supplied with wiring cap

Code	Description	Inlet/Outlet	V	Pressure (bar)	Max Temperature	Length (mm)	Width (mm)	Height (mm)	Bore DN (mm)	Fluids
AX155-050-23	½" Brass Solenoid Valve 230v	½" F BSP	230	7-10	80°C	69	57	106	16	D O W AIR H&G
AX155-075-23	¾" Brass Solenoid Valve 230v	¾" F BSP	230	7-10*	80°C	73	57	114	20	D O W AIR H&G
AX155-100-23	1" Brass Solenoid Valve 230v	1" F BSP	230	7-10*	80°C	99	77	121	25	D O W AIR H&G
AX155-050-24D	½" Brass Solenoid Valve 24v	½" F BSP	24	4-6	80°C	69	57	106	16	D O W AIR H&G
AX155-075-24D	¾" Brass Solenoid Valve 24v	¾" F BSP	24	4-6*	80°C	73	57	114	20	D O W AIR H&G
AX155-100-24D	1" Brass Solenoid Valve 24v	1" F BSP	24	4-6*	80°C	99	77	121	25	D O W AIR H&G

*When used with light oils, working pressure is at the lower rate

¹/₂" to 1"
SIZE

F BSP
CONNECTION

| D DIESEL | O OIL | W WATER | AB ADBLUE® | C CHEMICAL | AIR AIR | HVO & GTL |

Stainless Normally Closed Solenoid Valve

› Normally closed solenoid valve meaning flow is shut off until activated
› When internal coil is energised, the valve is activated and opens to allow liquid flow
› Designed for applications where fluid only needs to be released on occasions
› Stainless steel body & viton diaphragm suitable for AdBlue®, chemicals, fuels & water
› Direct acting; no pressure needs to be applied to operate
› Screwed BSP F x F
› 100% duty coil supplied with wiring cap

Code	Description	Inlet/Outlet	V	Pressure (bar)	Max Temperature	Length (mm)	Width (mm)	Height (mm)	Bore DN (mm)	Fluids
AX222-050-23	½" S/S Solenoid Valve 230v	½" F BSP	230	7-10*	80°C	69	57	106	16	D O W AB C AIR H&G
AX222-075-23	¾" S/S Solenoid Valve 230v	¾" F BSP	230	7-10*	80°C	73	57	114	20	D O W AB C AIR H&G
AX222-100-23	1" S/S Solenoid Valve 230v	1" F BSP	230	7-10*	80°C	99	77	121	25	D O W AB C AIR H&G
AX222-050-24D	½" S/S Solenoid Valve 24v	½" F BSP	24	4-6*	80°C	69	57	106	16	D O W AB C AIR H&G
AX222-075-24D	¾" S/S Solenoid Valve 24v	¾" F BSP	24	4-6*	80°C	73	57	114	20	D O W AB C AIR H&G
AX222-100-24D	1" S/S Solenoid Valve 24v	1" F BSP	24	4-6*	80°C	99	77	121	25	D O W AB C AIR H&G

*When used with light oils, working pressure is at the lower rate

Alloy Drum Tap

D DIESEL **O** OIL **HVO & GTL**

Alloy — MATERIAL

³/4" M BSPT — INLET

› Alloy drum tap for dispensing small quantities of oil from 205ltr drums

› Designed to be secured onto the drum outlet when stored in the horizontal position

› Simple and easy to install option

› Non-locking & locking versions to prevent accidental opening of the drum outlet

Code	Description	Inlet	Type	Material	Fluids
MF3167	Alloy Drum Tap Locking	¾" M BSPT	Locking	Alloy	D O H&G

Self-Closing Alloy Drum Tap

D DIESEL **O** OIL **HVO & GTL**

Alloy — MATERIAL

³/4" M BSPT — INLET

› Self closing alloy drum tap for dispensing small quantities of oil from 205ltr drums

› Designed to be secured onto the drum outlet when stored in the horizontal position

› Simple and easy to install option

› Self-closing mechanism for safety and convenience

Code	Description	Inlet	Type	Material	Fluids
MF6145	Self-Closing Alloy Drum Tap	¾" M BSPT	Self-Closing	Brass	D O H&G

Plastic Drum Tap

D DIESEL **O** OIL **W** WATER **C** CHEMICAL **HVO & GTL**

Plastic — MATERIAL

2" M BSPT — INLET

› Plastic drum tap for dispensing oil from 205ltr drums

› Designed to be secured onto the drum outlet when stored in the horizontal position

› Simple and easy to install option

› Larger drum tap for the dispensing of larger volumes of fluid

Code	Description	Inlet	Type	Material	Fluids
MF3171	Plastic Drum Tap Non-Locking	2" M BSPT	Non-Locking	Plastic	D O W C H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

D DIESEL   **O** OIL   **P** PETROL   **K** KEROSENE   **HVO & GTL**

Piusi Drum Connectors

1" F BSP	
OUTLET	

2" M BSP	
DRUM CONNECTION	

› Designed for connecting a pump to a drum or tank

› Thanks to flanged connection sealing paste or Teflon is not required

› Integral filter for preventing large particles from entering the pump

› 1" F BSP inner thread for connection to a suction pipe

› Integrated check valve with a flange connection option

Code	Description	Drum Connector Outer Thread	Inlet Inner Thread	Outlet	Valve	Fluids
F17163000	Piusi Drum Connector c/w Valve	2" M BSP	1" F BSP	1" F BSP	✓	D O P K H&G
F17163010	Piusi Drum Connector c/w Valve & Flange	2" M BSP	1" F BSP	1" F BSP Flanged	✓	D O P K H&G

AB ADBLUE®   **W** WATER

Piusi SEC IBC Connector

³/₄" M BSP	
OUTLET	

CDS/SEC	
INLET	

See page 84 for down tubes

RELATED PRODUCTS

› Designed to connect the suction side of an AdBlue® system to an IBC or drum

› Open/close twist mechanism that puts no angular pressure on the connection point

› Once connected prevents contamination of the contents

› CDS inlet connection for the connection of a down tube

› ¾" M outlet version or one complete with 90° 19mm hose tail

Code	Description	Inlet	Outlet	Fluids
F15339000	Piusi SEC IBC Connector	CDS/SEC	¾" M BSP	AB W
F153390HT	Piusi SEC IBC Connector	CDS/SEC	90° 19mm Hose Tail	AB W

AB ADBLUE®   **C** CHEMICAL   **W** WATER

Micromatic Dispensing Coupler

1" F BSP	
OUTLET	

Micromatic	
INLET	

› Designed to connect the suction side of an AdBlue® system to an IBC or drum

› Lever operated valve opening/closing

› Once connected prevents contamination of the contents

› Dry disconnect emptying with less than 1ml residue

› Stainless steel construction

Code	Description	Inlet	Outlet	Fluids
744-002	Micromatic Coupler	Micromatic	1" F BSP	AB C W

HOSE & PIPE FITTINGS

HOSE TAILS & SWIVELS **163-166** | HOSE COUPLINGS **167-172**
PIPE FITTINGS **173-181** | DRUM & IBC FITTINGS **182-183**

TAILS & SWIVELS 163-166

COUPLINGS 167-172

PIPE FITTINGS 173-181

DRUM & IBC 182-183

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

Brass Hose Tails

Code	Description	Fluids	ist Price
OE0037	Brass ½" M BSPT x ½" / 12mm Hose Tail	AF	
OE0036	Brass ¾" M BSPT x ¾" / 19mm Hose Tail	AF	
OE0035	Brass 1" M BSPT x 1" / 25mm Hose Tail	AF	
OE0077	Brass 1 ¼" M BSPT x 1 ¼" / 32mm Hose Tail	AF	
OE0078	Brass 1 ½" M BSPT x 1 ½" / 38mm Hose Tail	AF	
OE0081	Brass 2" M BSPT x 2" / 50mm Hose Tail	AF	

Piusi Hose Tails

Steel Version

Code	Description	Fluids
6437	¾" M BSP x ¾" / 19mm Hose Tail c/w NBR Seals	AF
7768B	¾" M BSP x 1" / 25mm Hose Tail c/w NBR Seals	AF
7757	1" M BSP x ¾" / 19mm Hose Tail c/w NBR Seals	AF
7764	1" M BSP x 1" / 25mm Hose Tail c/w NBR Seals	AF

*Will be supplied in either brass or steel material

Stainless Steel Hose Tails

Code	Description	Fluids
BCS1028	S/S ¾" M BSPT x ¾" / 19mm Hose Tail	AF
BCS1001	S/S 1" M BSPT x 1" / 25mm Hose Tail	AF
BCS1002	S/S 2" M BSPT x 2" / 50mm Hose Tail	AF

Stainless Steel & Steel Hose Tails with Swivels

Code	Description	Fluids
BCS1020	S/S 1" F BSP x ¾" / 19mm Hose Tail c/w Fixed Swivel & Viton Seal*	AF
BCS1069	S/S 1" F BSP x 1" / 25mm Hose Tail c/w Fixed Swivel & Viton Seal*	AF
BCS1046	S/S 1" F BSP 60° Cone x 25mm Hose Tail**	AF
BCS1014	S/S ¾" F BSP 60° Cone x 19mm Hose Tail**	AF
93104	Steel ¾" F BSP 60° Cone x 19mm Hose Tail**	AF
93105	Steel 1" F BSP 60° Cone x 25mm Hose Tail**	AF

*It swivels until it fixes in place.   **Used on the S/S & steel bare hose reels.

Aluminium Hose Tail

Code	Description	Fluids
OE0040	Aluminium 1" M BSPT x 1" / 25mm Hose Tail	AF

Piusi Brass/Steel Hose Swivel

Code	Description	Max Bar	Fluids
8456	Nickel Plated Brass Swivel ½" F BSP x ½" M BSP	70	D O H&G
62000A	Brass Swivel 1" F BSP x ¾" M BSP	10	D O H&G
62200A	Brass Swivel 1" F BSP x 1" M BSP	10	D O H&G
62400A	Aluminium/Brass Swivel ¾" F BSP x ¾" M BSP	10	D O H&G

*High quality swivels recommended for use with Piusi dispensing equipment

Hose Swivels

Code	Description	Max Bar	Fluids
CTS1930	Aluminium/Brass ¾" M BSP x ¾" F BSP Swivel	4.5	D O H&G
CTS1931	Aluminium/Brass 1" M BSP x 1" F BSP Swivel	4.5	D O H&G
CTS1932	Aluminium/Brass ¾" M BSP x 1" F BSP Swivel	4.5	D O H&G
PF3093	Aluminium/Brass Swivel 1 ½" F BSP x 1 ½" M BSP	6	D O H&G
EC-SWIV1MF	Aluminium 1" M BSP x 1" F BSP Swivel Viton Seals	4	D O P K J H&G

CTS1931

Stainless Steel Swivels

Code	Description	Max Bar	Fluids
F14132000	S/S Swivel ¾" M BSP x 19mm Hose Tail	10	AF
CTS3007	S/S Swivel ¾" M BSP x 1" M BSP	10	AF
CTS1046	S/S ¾" M BSP x 1" F BSP Swivel Viton Seals	25	AF
CTS1047	S/S 1" M BSP x 1" F BSP Swivel Viton Seals	25	AF

CTS1047

Piusi Articulated Hose Swivels

Code	Description	Max Bar	Fluids
F14567000	90° Articulated Brass/Alloy Swivel 1" F BSP x 1" M BSP	10	D O H&G
F16010000	90° Articulated Brass/Alloy Swivel ¾" F BSP x ¾" M BSP	10	D O H&G

Z Swivel Grease Swivel

Code	Description	Max Bar	Fluids
GV9002	Z Style Grease Alloy Swivel ¼" F BSP x ¼" M BSP	600	GR

BP3000 Straight Hose Tail

Code	Description	Fluids		
F16172000	Straight ¾" Hose Tail Push Fit - 2 Pack	D	O	H&G
F17124000	Straight 1" Hose Tail Push Fit - 2 Pack	D	O	H&G

BP3000 90° Hose Tail

Code	Description	Fluids		
F16173000	90° ¾" Hose Tail Push Fit	D	O	H&G
F17262000	90° 1" Hose Tail Push Fit	D	O	H&G

BP3000 90° Flanged Elbow

Code	Description	Fluids		
F16178000	90° 1" F BSP Flanged Elbow	D	O	H&G

BP3000 90° Elbow

Code	Description	Fluids		
F1677000	90° 1" F BSP Elbow	D	O	H&G

BP3000 Straight F Fitting

Code	Description	Fluids		
F17314000	Straight ¾" F BSP Push Fit	D	O	H&G
F16799000	Straight 1" F BSP Push Fit	D	O	H&G

BP3000 Straight M Fitting

Code	Description	Fluids		
F17313000	Straight 1" M BSP Push Fit	D	O	H&G

D DIESEL   **HVO & GTL**

Husky High Flow Swivel

› High flow swivel for use with nozzles when the maximum flow rate achievable needs to be guaranteed e.g.the Husky VIII nozzle

› For use with nozzles with flow rates up to 375lpm

› Multi-plane, full 360° spherical rotation for easy nozzle movement

› Raised stainless steel ball bearings for easy joint movement

› 75% less back pressure

› Aluminium, zinc & zinc plated body

375lpm
MAX FLOW RATE

1" M BSP
INLET

See page 96 for Husky VIII
RELATED PRODUCTS

Code	Description	Max Flow Rate (lpm)	Inlet	Outlet	Fluids
HU-6949	Husky High Flow Swivel	375	1" M BSP	1" F BSP	D H&G

ANY FLUID

Hi-Grip Stainless Hose Clamps

› Hi-Grip hose clips made entirely of 18/8 marine quality stainless steel

› For hoses with 25mm to 35mm OD, meaning only one version needs to be stocked for a range of applications

› Suitable for salt water & other highly corrosive environments

› Lloyd's Register approved for marine, offshore & industrial use

› All parts certified to BS304 EN1.4301

25-35mm
OD SIZES

Stainless
MATERIAL

Code	Description	OD Sizes (mm)	Construction	Fluids
SG1006	Hi-Grip Stainless Steel Hose Clamps	25-35	18/8 Marine Quality Stainless Steel	AF

ANY FLUID

Mikalor Supra W2 Hose Clamps

› Heavy duty hose clips for the most demanding of hose assemblies

› Swivelling bridge allows the clamp to be mounted in awkward applications without having to remove the hose

› Can be opened & fastened in place without dislodging other parts

› Bevelled edges to protect the hose from damage

› Stainless steel band, class 8.8 bolt, captive nut & spacer system

› Suitable for industrial, automotive & agricultural machinery hoses

25-37mm
OD SIZES

Stainless
MATERIAL

Code	Description	OD Sizes (mm)	Construction	Fluids
SG0000	Mikalor Hose Clamp 25-27mm	25-27	Stainless Steel Band/Steel Bolt	AF
SG1000	Mikalor Hose Clamp 27-29mm	27-29	Stainless Steel Band/Steel Bolt	AF
SG0001	Mikalor Hose Clamp 29-31mm	29-31	Stainless Steel Band/Steel Bolt	AF
SG0002	Mikalor Hose Clamp 34-37mm	34-37	Stainless Steel Band/Steel Bolt	AF

PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

RELATED PRODUCTS

³/₄" to 1"

SIZE

F BSP

CONNECTION

| D DIESEL | B1 B100 | P PETROL | HVO & GTL |

Reconnectable Safe-T-Break™

› Breaks off in the event of a vehicle driving off with the nozzle still in the tank

› Seals off the fuel flow on both sides to prevent spillages

› Instant closing, dual poppet check valve

› Can be reused & retains UL approval after reconnection

› Shock absorbing spring to reduce nuisance breaks

› Dry reconnect o-ring to prevent fuel spill when reconnecting

› ATEX approved version available

Code	Description	Inlet/Outlet	Body	Separates at (lbs/N)	Fluids
HU-3385	Husky ¾" Reconnectable Safe-T-Break™	¾" F BSP	Aluminium	200 / 889.6	D B1 H&G
HU-3076	Husky 1" Reconnectable Safe-T-Break™	1" F BSP	Aluminium	200 / 889.6	D B1 H&G
HU-3076A	Husky 1" Reconnectable Safe-T-Break™ ATEX (Ex)	1" F BSP	Aluminium	200 / 889.6	D B1 P H&G

RELATED PRODUCTS

³/₄" to 1"

SIZE

F BSP

CONNECTION

| D DIESEL | B1 B100 | P PETROL | HVO & GTL |

Non-Reconnectable Safe-T-Break™

› Breaks off in the event of a vehicle driving off with the nozzle still in the tank

› Seals off the fuel flow on both sides to prevent spillages

› Instant closing, dual poppet check valve

› Lightweight, inexpensive & disposable after initial break

› ATEX approved version available

Code	Description	Inlet/Outlet	Body	Separates at (lbs/N)	Fluids
HU-2774	Husky ¾" Non-Reconnectable Safe-T-Break™	¾" F BSP	Zinc Alloy/Aluminium	300 / 1334.4	D B1 H&G
HU-2774A	Husky ¾" Non-Reconnectable Safe-T-Break™ ATEX (Ex)	¾" F BSP	Zinc Alloy/Aluminium	300 / 1334.4	D B1 P H&G
HU-6914	Husky 1" Non-Reconnectable Safe-T-Break™	1" F BSP	Zinc Alloy/Aluminium	300 / 1334.4	D B1 H&G

1"

SIZE

M BSP

CONNECTION

| AB ADBLUE® |

AdBlue® Reconnectable Safe-T-Break™

› Breaks off in the event of a vehicle driving off with the nozzle still in the tank

› Seals off the AdBlue® flow on both sides to prevent spillages

› Instant closing, dual poppet check valve

› Comes as standard with scuff guard

Code	Description	Inlet/Outlet	Body	Separates at (lbs/N)	Fluids
HU-8216	Husky 1" Reconnectable Safe-T-Break™ AdBlue®	1" M BSP	Stainless Steel	200 / 889.6	AB

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

D DIESEL **O** OIL **HVO & GTL**

Camlock Fittings

› Camlock fittings are designed to quickly connect & disconnect hoses

› Aluminium gravity die cast construction

› When connected these couplings provide a leak-proof NBR seal

› No tools required for connection

› Interchangeable with other Camlock fittings made to MIL-C-27487

› Male BSPT to BS21 / Female BSP to BS2779

› Available in various configurations and different sizes depending upon the installation requirements

› Other materials available - please ask

Cam/ Cam Socket

CAM TYPE

BSP/ Hose Tail

HOSE CONNECTION

See **page 170** for **Spool Adaptors**

RELATED PRODUCTS

Part A

Part B

Dust Cap

Part E

Part C

Dust Plug

Part F

Part D

Code	Description	Cam Type	Hose Connection	Fluids
A100-A	Part A - 1" M Camlock x 1" F BSP	1" M Camlock	1" F BSP	D O H&G
A200-A	Part A - 2" M Camlock x 2" F BSP	2" M Camlock	2" F BSP	D O H&G
B100-A	Part B - 1" F Camlock x 1" M BSPT	1" F Camlock	1" M BSPT	D O H&G
B200-A	Part B - 2" F Camlock x 2" M BSPT	2" F Camlock	2" M BSPT	D O H&G
C100-A	Part C - 1" F Camlock x 1" Hose Tail	1" F Camlock	1" Hose Tail	D O H&G
C200-A	Part C - 2" F Camlock x 2" Hose Tail	2" F Camlock	2" Hose Tail	D O H&G
D100-A	Part D - 1" F Camlock x 1" F BSP	1" F Camlock	1" F BSP	D O H&G
D100-P	Part D - Plastic 1" F Camlock x 1" F BSP	1" F Camlock	1" F BSP	D O H&G
D200-A	Part D - 2" F Camlock x 2" F BSP	2" F Camlock	2" F BSP	D O H&G
E100-A	Part E – 1" M Camlock x 1" Hose Tail	1" M Camlock	1" Hose Tail	D O H&G
E200-A	Part E – 2" M Camlock x 2" Hose Tail	2" M Camlock	2" Hose Tail	D O H&G
F100-A	Part F – 1" M Camlock x 1" M BSPT	1" M Camlock	1" M BSPT	D O H&G
F200-A	Part F – 2" M Camlock x 2" M BSPT	2" M Camlock	2" M BSPT	D O H&G
DP100-A	1" Camlock Dust Plug	1" M Plug		D O H&G
DP200-A	2" Camlock Dust Plug	2" M Plug		D O H&G
DC100-A	1" Dust Cap	1" F Camlock		D O H&G
DC200-A	2" Dust Cap	2" F Camlock		D O H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Coupler

Nipple

¹/₂" to 1"

SIZE

F BSP

THREAD

D DIESEL **O** OIL **HVO & GTL**

H Series Compatible Quick Couplings

› Plated steel, general purpose quick release valved couplings

› Low pressure drop & instantly seals upon disconnection to prevent any leakages

› Compatible with Snap-Tite H & US-MIL-C-51234

› Smooth jet valve design with a safety pin system to prevent accidental disconnection

› Temperature range -20°C/+100°C

› Coupler & nipple sold as separate parts

Code	Description	Thread	Type	Seal	Pressure (bar)	Fluids
CTS1040	H Series Compatible ½" Coupler	½" F BSP	Coupler	Viton	276	D O H&G
CTS1041	H Series Compatible ½" Nipple	½" F BSP	Nipple	Viton	276	D O H&G
CTS1042	H Series Compatible ¾" Coupler	¾" F BSP	Coupler	Viton	241	D O H&G
CTS1043	H Series Compatible ¾" Nipple	¾" F BSP	Nipple	Viton	241	D O H&G
CTS1044	H Series Compatible 1" Coupler	1" F BSP	Coupler	Viton	138	D O H&G
CTS1045	H Series Compatible 1" Nipple	1" F BSP	Nipple	Viton	138	D O H&G

Coupler

Nipple

¹/₂" to 1"

SIZE

F BSP

CONNECTION

D DIESEL **O** OIL **HVO & GTL**

ISO B Series Quick Couplings

› Plated steel, multi-purpose quick release valved couplings

› Instantly seals upon disconnection to prevent any leakages

› Compatible with Hansen HK, Parker 60, Rectus 71-76, Faster HNV & ISO 7241-1 Series B

› O-ring in the socket seals the connection to prevent leakage

› Temperature range -20°C/+180°C

› Coupler & nipple sold as separate parts

Code	Description	Thread	Type	Seal	Pressure (bar)	Fluids
CTS1050	ISO B Series ½" Coupler	½" F BSP	Coupler	Viton	280	D O H&G
CTS1051	ISO B Series ½" Nipple	½" F BSP	Nipple	Viton	280	D O H&G
CTS1052	ISO B Series ¾" Coupler	¾" F BSP	Coupler	Viton	250	D O H&G
CTS1053	ISO B Series ¾" Nipple	¾" F BSP	Nipple	Viton	250	D O H&G
CTS1054	ISO B Series 1" Coupler	1" F BSP	Coupler	Viton	230	D O H&G
CTS1055	ISO B Series 1" Nipple	1" F BSP	Nipple	Viton	230	D O H&G

| **D** DIESEL | **O** OIL | **HVO & GTL** |

Piusi HQC Couplings

› Quick release hose coupling assembly comes complete with both coupler & nipple components

› Specifically designed for diesel applications

› Compared to traditional couplings that are usually used for hydraulic oil, these have a larger inner bore to minimise resistance in the presence of high flow rates

› Red plastic caps to prevent any leakages of fuel from out the end of the hose when removed

› NBR seal

› Supplied with both plastic dust caps & plugs

PIUSI

| **1"** |
| SIZE |

| **F BSP** |
| CONNECTION |

Code	Description	Thread	Type	Seal	Fluids
F00636000	HQC Quick Release Coupling	1" F BSP	Coupler & Nipple	NBR	D O H&G

| **D** DIESEL | **O** OIL | **HVO & GTL** |

Camlock Spool Adaptors

› Male x Male Camlock spool adaptor for connecting two hoses with Female CAM ends together

› Popular for extending the length of tanker hose during offloading operations

› Heavy duty aluminium construction

› Available in a range of sizes

| **1" to 4"** |
| SIZE |

| **CAM M** |
| CONNECTION |

Code	Description	Size	Inlet/Outlet	Fluids
CTS5208	1" CAM Spool Adaptors	1"	M Camlock	D O H&G
CTS5209	2" CAM Spool Adaptors	2"	M Camlock	D O H&G
CTS5210	3" CAM Spool Adaptors	3"	M Camlock	D O H&G
CTS5211	4" CAM Spool Adaptors	4"	M Camlock	D O H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

API

INLET

CAM/BSP

OUTLET

See **page 168 for CAM Fittings**

RELATED PRODUCTS

D DIESEL **O** OIL **HVO & GTL**

API Bottom Loading Hose Fitting

› Fitting to attach the tanker hose onto the bottom loading adaptor of the tanker itself

› This is a wearing part on a tanker that commonly needs to be replaced over time

› Compatible with API RP-1004 bottom loading adaptors

› Heavy duty aluminium construction

› Available with either CAM or BSP Ends depending upon the existing hose fitting

› Deep throat version

Code	Description	Inlet	Outlet	Fluids
CTS5200	4" API x 3" CAM Tanker Fitting	4" API Deep Throat	3" M Angle CAM	D O H&G
CTS5201	4" API x 4" CAM Tanker Fitting	4" API Deep Throat	4" M Angle CAM	D O H&G
CTS5202	4" API x 3" BSP Tanker Fitting	4" API Deep Throat	3" M Angle BSP	D O H&G
CTS5203	4" API x 4" BSP Tanker Fitting	4" API Deep Throat	4" M Angle BSP	D O H&G

3" to 4"

SIZE

CAM/BSP

CONNECTION

See **page 168 for CAM Fittings**

RELATED PRODUCTS

D DIESEL **O** OIL **HVO & GTL**

Tanker Hose End Protection Caps

› End caps for tanker hoses to prevent damage/wear to the hose ends during transport and offloading

› Extends the lifespan of costly tanker hose that may need completely replacing if the swaged on ends get worn

› Handle on the end of the cap for easier manoeuvring of hose when offloading

› Polypropylene construction

› Available with either CAM or BSP ends depending upon the existing hose fitting

Code	Description	Size	Type	Fluids
CTS5204	3" CAM Tanker Hose End Cap	3"	CAM	D O H&G
CTS5205	4" CAM Tanker Hose End Cap	4"	CAM	D O H&G
CTS5206	3" BSP Tanker Hose End Cap	3"	BSP	D O H&G
CTS5207	4" BSP Tanker Hose End Cap	4"	BSP	D O H&G

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

Lugged Hose Adaptors MxM

D DIESEL **O** OIL **HVO & GTL**

1 ¹/₂" to 4" SIZE

M x M BSP CONNECTION

› Heavy duty aluminium lugged hose adaptors
› Can be used to couple two same sized fittings or to step up or down to a different hose size
› Available in a range of sizes

Code	Description	Inlet	Outlet	Fluids
CTS5300	1 ½"M x 1 ½" M Lugged Hose Adaptor	1 ½" M BSP	1 ½" M BSP	D O H&G
CTS5301	2" M x 1 ½" M Lugged Hose Adaptor	2" M BSP	1 ½" M BSP	D O H&G
CTS5302	2" M x 2" M Lugged Hose Adaptor	2" M BSP	2" M BSP	D O H&G
CTS5303	2 ½"" M x 2" M Lugged Hose Adaptor	2 ½" M BSP	2" M BSP	D O H&G
CTS5304	2 ½" M x 2 ½" M Lugged Hose Adaptor	2 ½" M BSP	2 ½" M BSP	D O H&G
CTS5305	3" M x 2 ½" M Lugged Hose Adaptor	3" M BSP	2 ½" M BSP	D O H&G
CTS5306	3" M x 3" M Lugged Hose Adaptor	3" M BSP	3" M BSP	D O H&G
CTS5307	4" M x 3" M Lugged Hose Adaptor	4" M BSP	3" M BSP	D O H&G
CTS5308	4" M x 4" M Lugged Hose Adaptor	4" M BSP	4" M BSP	D O H&G

Lugged Hose Adaptors MxF

D DIESEL **O** OIL **HVO & GTL**

1 ¹/₂" to 4" SIZE

M x F BSP CONNECTION

› Heavy duty aluminium lugged hose adaptors
› Can be used to couple two same sized fittings or to step up or down to a different hose size
› Popular on tanker hose to protect the swaged hose thread and save the cost of the entire hose assembly from being replaced
› Available in a range of sizes - other sizes available upon request

Code	Description	Inlet	Outlet	Fluids
CTS5310	1 ½"M x 1 ½" F Lugged Hose Adaptor	1 ½" M BSP	1 ½" F BSP	D O H&G
CTS5311	2" M x 1 ½" F Lugged Hose Adaptor	2" M BSP	1 ½" F BSP	D O H&G
CTS5312	2" M x 2" F Lugged Hose Adaptor	2" M BSP	2" F BSP	D O H&G
CTS5313	2 ½"" M x 2" F Lugged Hose Adaptor	2 ½" M BSP	2" F BSP	D O H&G
CTS5314	2 ½" M x 2 ½" F Lugged Hose Adaptor	2 ½" M BSP	2 ½" F BSP	D O H&G
CTS5315	3" M x 2 ½" F Lugged Hose Adaptor	3" M BSP	2 ½" F BSP	D O H&G
CTS5316	3" M x 3" F Lugged Hose Adaptor	3" M BSP	3" F BSP	D O H&G
CTS5317	4" M x 3" F Lugged Hose Adaptor	4" M BSP	3" F BSP	D O H&G
CTS5318	4" M x 4" F Lugged Hose Adaptor	4" M BSP	4" F BSP	D O H&G

Brass Hexagon Bush

Code	Description
BF2003	Brass Hexagon Bush ⅜" M x ¼" F BSPT
BF2005	Brass Hexagon Bush ½" M x ¼" F BSPT
BF2006	Brass Hexagon Bush ½" M x ⅜" F BSPT
BF2008	Brass Hexagon Bush ¾" M x ½" F BSPT
BF2010	Brass Hexagon Bush 1" M x ½" F BSPT
BF2011	Brass Hexagon Bush 1" M x ¾" F BSPT

Brass/Steel Hex Nipple

Code	Description
BF2021	Brass Hexagon Equal Nipple ¼" M BSPT
BF2022	Brass Hexagon Equal Nipple ⅜" M BSPT
BF2023	Brass Hexagon Equal Nipple ½" M BSPT
BF2024	Brass Hexagon Equal Nipple ¾" M BSPT
BF2025	Brass Hexagon Equal Nipple 1" M BSPT
BF2029	Brass Hexagon Equal Nipple 2" M BSPT
7765	Steel Hexagon Equal Nipple 1" M BSP
HRF001	Steel Hexagon Nipple 1" M BSPT x 1" M BSP 60° Cone
HRF002	Steel Hexagon Nipple 1" M BSPT x ¾" M BSP 60° Cone

Brass Plug Flanged

Code	Description
BF2107	Brass Plug Flanged ⅛" M BSPT
BF2049	Brass Plug Flanged 1/4" M BSPT
BF2056	Brass Plug Flanged ¾" M BSPT
BF2057	Brass Plug Flanged 1" M BSPT

Brass Backnut Flanged

Code	Description
BF2090	Brass Backnut Flanged ½" F BSP
BF2092	Brass Backnut Flanged 1" F BSP

Brass Elbow

Code	Description
BF8120	Brass Elbow 1" M x F BSPT
BF8027	Brass Elbow 2" M x F BSPT
BF8117	Brass Elbow 2" F x F BSPT
BF8118	Brass Elbow 1" F x F BSPT
7988	Heavy Duty Plated Brass Elbow 1" M x F BSP
F08609000	Heavy Duty Plated Brass Elbow 1" F x F BSP

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

Brass Straight Equal Coupler

Code	Description
CF4193	10mm Straight Equal Couplers
CF8000	15mm Straight Equal Couplers

Brass Straight C x M Coupler

Code	Description
CF4211	10mm x ¼" BSPT Straight C x M Coupler
CF4213	10mm x ⅜" BSPT Straight C x M Coupler
CF4214	10mm x ½" BSPT Straight C x M Coupler
CF8006	15mm x ½" BSPT Straight C x M Coupler

Brass Straight Reducing Coupler

Code	Description
CF7998	10mm x 8mm Straight Reducing Coupler
CF8004	15mm x 10mm Straight Reducing Coupler

Brass C x M Elbow

Code	Description
CF4314	10mm x ½" Brass C x M BSP Elbow
CF4324	10mm x ⅜" Brass C x M BSP Elbow
CF4337	10mm x ¼" Brass C x M BSP Elbow

Brass Equal Elbow

Code	Description
CF4196	10mm Brass Equal Elbow
CF8023	15mm Brass Equal Elbow

Brass Equal Tee

Code	Description
CF8059	10mm Brass Equal Tee C x C x C

Brass Stop Ends

Code	Description
CF8020A	10mm Brass Stop Ends
CF8020	15mm Brass Stop Ends

Brass Olives

Code	Description
CF4181	10mm Olives

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Brass Flare Straight

Code	Description
FLA1002	Brass Flare Straight 8mm x 8mm
FLA2004	Brass Flare Straight 10mm x 10mm

Brass Flare Straight x M

Code	Description
FLA1000	Brass Flare Straight ¼" M BSPT x 8mm
FLA2000	Brass Flare Straight ¼" M BSPT x 10mm
FLA2001	Brass Flare Straight ⅜" M BSPT x 10mm

Brass Flare Elbow x M

Code	Description
FLA2005	Brass Flare Elbow ¼" M BSPT x 10mm
FLA2006	Brass Flare Elbow ⅜" M BSPT x 10mm

Brass Flare Elbow

Code	Description
FLA2007	Brass Flare Elbow 10mm x 10mm

Brass Flare Tee

Code	Description
FLA2008	Brass Flare Tee 15mm x 10mm x 10mm

Brass Flare Nut

Code	Description
FLA3000	Brass Flare Nut 8mm
FLA3001	Brass Flare Nut 10mm

Flare Tooling Kit

Code	Description	Measure	Carry Box
FLA4000	Flare Fitting Tooling Kit	Imperial	✓

Stainless Steel Fittings

All stainless steel fittings are class 150lb and made from CF8M (316) stainless steel material. The range is manufactured to conform to ISO 4144 standard, and all threads are to ISO 7-1 (DIN2999) BSPP Female, BSPT Male. A strong and robust fitting option, suitable for many fluids.

Stainless Steel Elbow M x F

Code	Description
BCS1032	S/S Elbow ¾" M x F
BCS1004	S/S Elbow 1" M x F
BCS1005	S/S Elbow 2" M x F

Stainless Steel Elbow F x F

Code	Description
BCS1053	S/S Elbow ¾" F x F
BCS1027	S/S Elbow 1" F x F
BCS1003	S/S Elbow 2" F x F

Stainless Steel Hex Nipple

Code	Description
BCS1035	S/S Hex Nipple Equal ¾" M x M
BCS1007	S/S Hex Nipple Equal 1" M x M
BCS1006	S/S Hex Nipple Equal 2" M x M
BCS1054	S/S Hex Nipple Reducing 1" x ½" M x M
BCS1008	S/S Hex Nipple Reducing 1" x ¾" M x M
BCS1055	S/S Hex Nipple Reducing 2" x 1" M x M

Stainless Steel Hex Reducing Bush

Code	Description
BCS1056	S/S Hex Bush Reducing 1" x ½" M x F
BCS1009	S/S Hex Bush Reducing 1" x ¾" M x F
BCS1057	S/S Hex Bush Reducing 2" x 1" M x F

Stainless Steel Equal Tee

Code	Description
BCS1036	S/S Equal Tee ¾" F
BCS1023	S/S Equal Tee 1" F
BCS1058	S/S Equal Tee 2" F

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Steel Socket Half Weldable F x F

Code	Description
BC8099	ST Socket Half Weldable ¼" F x F BSP
BC8090	ST Socket Half Weldable ½" F x F BSP
BC8091	ST Socket Half Weldable ¾" F x F BSP
BC8092	ST Socket Half Weldable 1" F x F BSP
BC8094	ST Socket Half Weldable 1 ½" F x F BSP
BC8095	ST Socket Half Weldable 2" F x F BSP
BC8097	ST Socket Half Weldable 3" F x F BSP

Steel Socket Full Weldable F x F

Code	Description
BC9020	ST Socket Full Weldable ¼" F x F BSP
BC9021	ST Socket Full Weldable ⅜" F x F BSP
BC9022	ST Socket Full Weldable ½" F x F BSP
BC9023	ST Socket Full Weldable ¾" F x F BSP
BC9024	ST Socket Full Weldable 1" F x F BSP
BC9026	ST Socket Full Weldable 1 ½" F x F BSP
BC9027	ST Socket Full Weldable 2" F x F BSP
BC9028	ST Socket Full Weldable 2 ½" F x F BSP
BC9029	ST Socket Full Weldable 3" F x F BSP
BC9030	ST Socket Full Weldable 4" F x F BSP

Black Iron Union

Code	Description
BC9013	Bl Union 1" F x F BSP
BC9014	Bl Union 1 ½" F x F BSP
BC9015	Bl Union 2" F x F BSP

Black Iron Elbow M x F

Code	Description
BC8023	Bl Elbow ½" M BSPT x F BSP
BC8024	Bl Elbow ¾" M BSPT x F BSP
BC8025	Bl Elbow 1" M BSPT x F BSP
BC8026	Bl Elbow 1 ½" M BSPT x F BSP
BC8027	Bl Elbow 2" M BSPT x F BSP

Black Iron Elbow F x F

Code	Description
BC8113	Bl Elbow ½" F x F BSP
BC8114	Bl Elbow ¾" F x F BSP
BC8115	Bl Elbow 1" F x F BSP
BC8116	Bl Elbow 1 ½" F x F BSP
BC8117	Bl Elbow 2" F x F BSP
BC7003	Bl Bend Equal Elbow 1" M x M BSPT

Black Iron Equal Tee F

Code	Description
BC8033	Bl Tee Equal ½" F BSP
BC8034	Bl Tee Equal ¾" F BSP
BC8035	Bl Tee Equal 1" F BSP
BC8036	Bl Tee Equal 1 ½" F BSP
BC8037	Bl Tee Equal 2" F BSP

Black Iron Hex Equal Nipple M x M

Code	Description
BC8081	Bl Hex Nipple Equal ¼" M x M BSPT
BC8083	Bl Hex Nipple Equal ½" M x M BSPT
BC8085	Bl Hex Nipple Equal 1" M x M BSPT
BC8086	Bl Hex Nipple Equal 1 ½" M x M BSPT
BC8087	Bl Hex Nipple Equal 2" M x M BSPT

Black Iron Hex Reducing Nipple M x M

Code	Description
BC6001	Bl Hex Nipple Reducing ½" M x ⅜" M BSPT
BC6002	Bl Hex Nipple Reducing ¾" M x ½" M BSPT
BC6003	Bl Hex Nipple Reducing 1" M x ½" M BSPT
BC6004	Bl Hex Nipple Reducing 1" M x ¾" M BSPT
BC6005	Bl Hex Nipple Reducing 1 ½" M x 1" M BSPT
BC6006	Bl Hex Nipple Reducing 2" M x 1 ½" M BSPT

Steel Barrel Nipple M x M

Code	Description
BC9002	Barrel Nipple ½" M x M BSPT
BC9003	Barrel Nipple ¾" M x M BSPT
BC9004	Barrel Nipple 1" M x M BSPT
BC9006	Barrel Nipple 1 ½" M x M BSPT
BC9007	Barrel Nipple 2" M x M BSPT
BC9008	Barrel Nipple 2 ½" M x M BSPT
BC9009	Barrel Nipple 3" M x M BSPT

Black Iron Reducing Bush M x F

Code	Description
BC8041	Bl Bush Reducing ½" M BSPT x ¼" F BSP
BC8045	Bl Bush Reducing ½" M BSPT x ⅜" F BSP
BC8046	Bl Bush Reducing 2" M BSPT x 1" F BSP
BC8047	Bl Bush Reducing ¾" M BSPT x ½" F BSP
BC8049	Bl Bush Reducing 1" M BSPT x ½" F BSP
BC8050	Bl Bush Reducing 1" M BSPT x ¾" F BSP
BC8051	Bl Bush Reducing 1 ½" M BSPT x 1" F BSP
BC8053	Bl Bush Reducing 2" M BSPT x 1 ½" F BSP
BC8073	Bl Bush Reducing 1 ½" M BSPT x ½" F BSP

Black Iron Plug M

Code	Description
BC8060	Bl Plug ¼" M BSPT
BC8063	Bl Plug ½" M BSPT
BC8064	Bl Plug ¾" M BSPT
BC8065	Bl Plug 1" M BSPT
BC8067	Bl Plug 1 ½" M BSPT
BC8068	Bl Plug 2" M BSPT

Black Iron Socket Malleable F x F

Code	Description
BC8005	Bl Socket Malleable ½" F x F BSP
BC8006	Bl Socket Malleable ¾" F x F BSP
BC8008	Bl Socket Malleable 1" F x F BSP
BC8010	Bl Socket Malleable 2" F x F BSP

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Plastic Hose Tail

Code	Description	Fluids		
F15522000	Plastic 1" M BSP x 19mm Hose Tail c/w HNBR Seals	AB	C	W
F16435000	Plastic 1" F BSP x 19mm Hose Tail c/w Swivel & HNBR Seals	AB	C	W
8001252	Plastic 1" M BSP x 25mm Hose Tail	AB	C	W
8001203	Plastic ¾" M BSP x 19mm Hose Tail	AB	C	W

F15522000

F16435000

Plastic 90° Hose Tail

Code	Description	Fluids		
F15485000	Plastic 90° 1" M BSP x 19mm Hose Tail c/w Swivel & HNBR Seals	AB	C	W
F15484000	Plastic 90° 1" F BSP x 19mm Hose Tail c/w Swivel & HNBR Seals	AB	C	W
8010201	Plastic 90° ¾" F x 19mm Hose Tail	AB	C	W

F15485000

F15484000

Plastic Straight Connectors

Code	Description	Fluids		
F16434000	Plastic 1" F x F BSP Straight Socket	AB	C	W
F15776000	Plastic 1" M BSP x 1" F BSP c/w Swivel (K24 to Manual)	AB	C	W
F16475000	Plastic 1" F BSP x ¾" M BSP c/w Swivel (K24 to Auto Nozzle)	AB	C	W
F15176000	Plastic 1" M x M BSP Hex Nipple	AB	C	W

F16434000

F15776000

Plastic 90° Socket

Code	Description	Fluids		
F16433000	Plastic 1" F x F 90° Socket	AB	C	W

Stainless Steel Hose Tails

Code	Description	Fluids		
BCS1028	S/S ¾" M BSPT x ¾" / 19mm Hose Tail	AB	C	W
BCS1020	S/S 1" F BSP x ¾" / 19mm Hose Tail c/w Swivel & Viton Seals	AB	C	W
BCS1001	S/S 1" M BSPT x 1" / 25mm Hose Tail	AB	C	W
BCS1002	S/S 2" M BSPT x 2" / 50mm Hose Tail	AB	C	W
F14132000	S/S ¾" M BSP x ¾" / 19mm Hose Tail c/w Swivel & Viton Seals	AB	C	W

Stainless Steel Socket

Code	Description	Fluids		
F16073000	S/S 1" F x F Straight Socket	AB	C	W

D DIESEL | **O** OIL | **HVO & GTL**

Flanged Connections

Flanges

› For securing connections between pumping system parts such as pumps, meters & filters

› 8 screw locations designed to take a M8 hex head nut/bolt

Flanged Elbows

› Ideal for compact connection requirements or to change the orientation of an existing flange through 90°

› Each flanged side has a groove machined to take an o-ring or oval ring depending on connection

O-ring/Oval Ring

› O-rings are for connecting the groove of flange to a flat surface without sealants

› Oval rings are for connecting two groove flanged items together without sealants

See table for flange fitting options

INFORMATION

Flange

Dual Flange Kit

Flanged Elbow

Code	Description	Flange	O-Ring	Oval Ring	Round Bolt (M8x20)	Round Bolt (M8x30)	Hex Bolt (M8x30)	Hex Nut (M8)	Set Screw (M8x50)	Fluids
R12904000	Flange Kit	1		1		2		2		D O H&G
R09180000	Dual Flange Kit	2	2		4					D O H&G
R1106200A	Single Flange Kit	1	1		2					D O H&G
F09779	Flange Kit for Flow Meter	1	2		2		2	2	2	D O H&G
F08832000	Flange Only	1								D O H&G
R10824000	Flanged Elbow Kit		2		2	2		2		D O H&G
F12229	Flanged Tube 130mm x 67mm									D O H&G
F12228	Flanged Tube 300mm x 67mm									D O H&G
F12172	Flanged Tube 341mm x 67mm									D O H&G
R08985000	Oval Ring			1						D O H&G
R08417000	O-Ring		2							D O H&G
F08812000	M8 x 20mm Round Head Bolt				1					D O H&G
BOLT03	M8 x 30mm Round Head Bolt					1				D O H&G
BOLT01	M8 x 30mm Hex Head Bolt						1			D O H&G
BOLT02	M8 x 50mm HT Grub/Set Screw								1	D O H&G

PUMPS · FMS · METERS · HOSES · NOZZLES · ALARMS · GAUGES · FILTERS · FILL & VENT · VALVES · FITTINGS · TOOLS

Tri-Flange

INLET

170mm

MAX LENGTH

ANY FLUID

Tri-Flange Connectors

› Designed for connection to floor mounted traditional dispenser pumps

› Manufactured from stainless steel with mild steel welded connections

› Maximum pressure rating of 3 bar

Code	Description	Inlet	Outlet	Length (inch/mm)	Fluids
KFC6000	Tri-Flange x Tri-Flange – 6"	Tri-Flange	Tri-Flange	6/150	AF
KFC6750	Tri-Flange x 1 ½" M BSP – 6.75"	Tri-Flange	1 ½" M BSP	6.75/170	AF
KFC6751	Tri-Flange x 1 ½" F BSP – 6.75"	Tri-Flange	1 ½" F BSP	6.75/170	AF
KFC4500	Tri-Flange x 1 ½" M BSP – 4.5"	Tri-Flange	1 ½" M BSP	4.5/115	AF
KFC4501	Tri-Flange x 1 ½" F BSP – 4.5"	Tri-Flange	1 ½" F BSP	4.5/115	AF
KFC4498	Tri-Flange Gasket				AF

1" M BSPT

SIZE

150mm

MAX LENGTH

ANY FLUID

Flexible Connectors

› Designed for joining misaligned pipework or for installations where expansion/contraction may occur

› Often used in forecourt pumping installations

› Manufactured from stainless steel with zinc plated steel ends

Code	Description	Inlet	Outlet	Length (inch/mm)	Fluids
CTS2040	Flexible Connector	1" M BSPT	1" M BSPT	6/150	AF
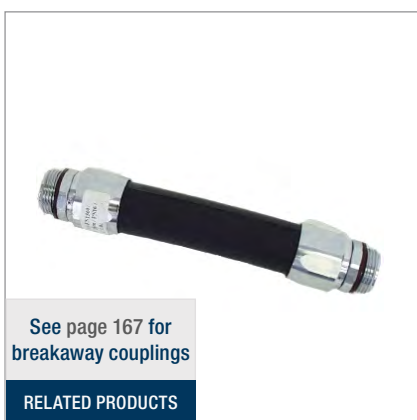
³/₄" to 1"

SIZE

275mm

MAX LENGTH

D DIESEL **HVO & GTL**

Stub Hoses

› Designed as an alternative to metal flexible connectors for joining misaligned pipework

› Often used in conjunction with breakaway couplings on forecourt pumps

› Constructed of hard wall hose

Code	Description	Inlet	Outlet	Length (mm)	Fluids
PA360	¾" Stub Hose 240mm	¾" M BSP	¾" M BSP	240mm	D H&G
PA361	¾" Stub Hose 260mm	¾" M BSP	¾" M BSP	260mm	D H&G
PA362	1" Stub Hose 240mm	1" M BSP	1" M BSP	240mm	D H&G
PA363	1" Stub Hose 275mm	1" M BSP	1" M BSP	275mm	D H&G

| **D** DIESEL | **O** OIL | **P** PETROL | **K** KEROSENE | **HVO & GTL** |

Piusi Quick Drum Coupling

› Quick coupling designed for connecting a pump directly onto a drum or tank

› 2" M BSP outer thread for connection to the drum

› 1" F BSP inner thread for connection to the suction hose

› 1" or ¾" M BSP outlet for screwing directly into the pump

PIUSI

³/₄" or 1" M BSP

OUTLET

2" M BSP

DRUM CONNECTION

Code	Description	Drum Connector Outer Thread	Inlet Inner Thread	Outlet	Fluids
8930	Piusi Quick Coupling 1"	2" M BSP	1" F BSP	1" M BSP	D O H&G
9160	Piusi Quick Coupling ¾"	2" M BSP	1" F BSP	¾" M BSP	D O H&G
F17190000	Piusi Drum Connector	2" M BSP	1" F BSP	1" F BSP	D O P K H&G

| **AB** ADBLUE® | **D** DIESEL | **O** OIL | **W** WATER | **C** CHEMICAL | **HVO & GTL** |

2" BSP Drum Adaptor

› Drum adaptors designed to convert a specific drum thread to 2" BSP

› Enables the direct connection of a pump or tap

› Polypropylene construction

› Mauser & TRI-SURE® versions available

2" F BSP

OUTLET

Mauser/ TRI-SURE®

DRUM CONNECTION

Code	Description	Inlet	Outlet	Material	Fluids
E06925-26A	Mauser Drum Adaptor	Mauser 70 x 6 M	2" F BSP	Polypropylene	AB D O W C H&G
E06960-30	TRI-SURE® Drum Adaptor	TRI-SURE® 56 x 4 M	2" F BSP	Polypropylene	AB D O W C H&G

| **AB** ADBLUE® | **D** DIESEL | **O** OIL | **W** WATER | **C** CHEMICAL | **HVO & GTL** |

IBC Fitting – Hose Tail

› Fits the bottom outlet of an IBC to convert a buttress thread to a hose tail fitting

› Enables the easy connection of dispensing equipment

› Polypropylene construction

› ¾" & 1" versions available

³/₄" to 1" Hose Tail

OUTLET

60 x 6 Buttress

INLET

Code	Description	Inlet	Outlet	Fluids
IBF/075HT-PG	IBC Fitting to ¾" Hose Tail	60 x 6 DIN61 Buttress F	¾" Hose Tail	AB D O W C H&G
IBF/100HT-PG	IBC Fitting to 1" Hose Tail	60 x 6 DIN61 Buttress F	1" Hose Tail	AB D O W C H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Hose & Pipe Fittings / Drum & IBC Fittings

1" to 2" CAM
OUTLET

60 x 6 Buttress
INLET

AB ADBLUE® | D DIESEL | O OIL | W WATER | C CHEMICAL | HVO & GTL

IBC Fitting – CAM Fitting

› Fits the bottom outlet of an IBC to convert a buttress thread to a CAM fitting
› Enables the easy connection of dispensing equipment
› Polypropylene construction
› 1" & 2" versions available

Code	Description	Inlet	Outlet	Fluids
100A-DIN-PG	IBC Fitting to 1" CAM	60 x 6 DIN61 Buttress F	1" CAM Male	AB D O W C H&G
200A-DIN-PG	IBC Fitting to 2" CAM	60 x 6 DIN61 Buttress F	2" CAM Male	AB D O W C H&G

1" to 2" M BSP
OUTLET

60 x 6 Buttress
INLET

AB ADBLUE® | D DIESEL | O OIL | W WATER | C CHEMICAL | HVO & GTL

IBC Fitting – Male BSP

› Fits the bottom outlet of an IBC to convert a buttress thread to a Male BSP fitting
› Enables the easy connection of dispensing equipment
› Polypropylene construction
› 1" & 2" versions available

Code	Description	Inlet	Outlet	Fluids
IBF-100M-PG	IBC Fitting to 1" M BSP	60 x 6 DIN61 Buttress F	1" M BSP	AB D O W C H&G
IBF-200M-PG	IBC Fitting to 2" M BSP	60 x 6 DIN61 Buttress F	2" M BSP	AB D O W C H&G

1" to 2" F BSP
OUTLET

60 x 6 Buttress
INLET

AB ADBLUE® | D DIESEL | O OIL | W WATER | C CHEMICAL | HVO & GTL

IBC Fitting – Female BSP

› Fits the bottom outlet of an IBC to convert a buttress thread to a Female BSP fitting
› Enables the easy connection of equipment such as water taps/hose with suitable reducers
› Polypropylene construction
› 1" & 2" versions available

Code	Description	Inlet	Outlet	Fluids
IBF/100FSWIV-PG	IBC Fitting to 1" F BSP	60 x 6 DIN61 Buttress Swivel F	1" F BSP	AB D O W C H&G
IBF/200F-PG	IBC Fitting to 2" F BSP	60 x 6 DIN61 Buttress F	2" F BSP	AB D O W C H&G

WASTE OIL, SPILL, TOOLS & SEALANTS

WASTE OIL 185-186 | **SPILL CONTROL 187-191**
SEALANTS 192-194 | **TOOLS 195-197**
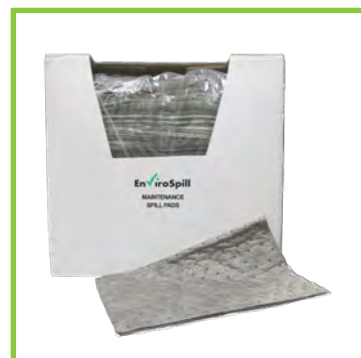
PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

0 OIL

Cambiaolio Oil Extractor

10lpm

MAX FLOW RATE

AC

POWER

› Portable oil extraction unit for spill-free oil removal from vehicles

› Self priming, continuously operating oil pump

› 10ltr waste oil collection tank mounted on wheeled trolley

› 1.7m suction hose & 4 probe types with mounting position

› Probes insert into the dipstick port to suck out the oil from the engine sump

› 2 x semi-rigid probes 800mm x Ø 6mm or 8mm

› 2 x rigid probes 650mm x Ø 8mm or 9mm

› Integrated suction gauge to monitor the pump & alert of any potential blockages

› Operating noise less than 70dB

Code	Description	V	Max Flow Rate (lpm)	Tank Capacity (l)	Suction Hose	Probes	Fluids
50000A	Cambiaolio Oil Extractor	230	10	10	1.7m	4	**0**

PIUSI

0 OIL

Vacubox

Probe Kit

Vacubox Oil Extractor

10lpm

MAX FLOW RATE

AC

POWER

› Wall mounted oil extraction unit for spill-free oil removal from vehicles

› Sucks oil from the engine sump via the dipstick port & then pumps the extracted waste oil into holding tanks

› Single button operation & automatically stops once oil has been extracted

› Integrated suction gauge to monitor pump & alarm light for potential blockages

Optional Probe Kit

› 2 x semi-rigid probes 800mm x Ø 6mm or 8mm

› 2 x rigid probes 650mm x Ø 8mm or 9mm

Code	Description	V	Max Flow Rate (lpm)	Inlet/Outlet	Probes	Fluids
F00500A00	Vacubox Oil Extractor	230	10	½" F BSP		**0**
R12737000	Vacubox Wall Mounting Kit					**0**
R08308000	Vacubox 2m Suction Hose Kit					**0**
R08309000	Vacubox Probe Kit				4	**0**

O
OIL

Easy-Drainer & Vacu-Drainer

› Portable waste engine/transmission oil draining unit designed for use under vehicle lift

› Two versions available; Easy-drainer for gravity flow draining & Vacu-drainer for gravity or retrieving oil direct from the engine via air operated suction probes

› Height adjustable 12litre waste oil bowl c/w filter drain grill

› Transparent recovery viewer, air pressure gauge & suction probes (Vacu-drainer only)

› 80litre oil recovery tank on a wheel mounted trolley

› Tank level visual gauge for identifying recovery tank contents

› 2m discharge pipe & air inlet valve for emptying the contents of the recovery tank when full

PIUSI

Gravity

POWER

Vacu-Drainer

Code	Description	Draining Type	Bowl Capacity (l)	Tank Capacity (l)	Level Gauge	Discharge Pipe	Suction Pipe	Probes	Transparent Viewer (l)	Fluids
F00215020	Easy-Drainer 80	Gravity	12	80	✓	2m				O
F00215030	Vacu-Drainer 80	Gravity/Air Operated Suction	12	80	✓	2m	2m	✓	9	O

O OIL **D** DIESEL **W** WATER **C** CHEMICAL **HVO & GTL**

Waste Oil Drainers

› Small, lightweight & portable waste oil container tanks

› Cost effective solution designed for the draining & containment of waste oil from vehicles

› c/w vent plug & oil drain cap for emptying once full

› Integrated carry handle for easy transportation of the container to where it needs to be emptied

› Available in two different sizes; 10ltrs or 12ltrs depending upon the individual requirement

› 12 litre version comes with a bigger drip pan & filter for removing large contaminants

GARTEC

12 Litres

MAX CAPACITY

Gravity

TYPE

6 Litre

12 Litre

Code	Description	Capacity (l)	Draining Type	Drip Pan	Filter	Fluids
ER2008	Waste Oil Drainer 10ltr	10	Gravity			O D W C H&G
ER2009	Waste Oil Drainer 12ltr	12	Gravity	✓	✓	O D W C H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

Our spill kits, branded with your logo to help you get the replacement orders!

FEATURED

Chemical bag & tie

Absorbent pads

Absorbent socks

EnViroSpill

EnviroSpill Spill Kit Range

All industrial sites where oils, fuels and chemicals are stored, delivered or handled, should have spill control products at hand ready to deal with a spill simply and quickly should they need to.

EnviroSpill spill kits provide you with everything you need to stop a spill from spreading, clean the spill up and then dispose of it properly. Supplied in a portable and easy to access bag, they are perfect for storing in confined storage cupboards, lorry cabs and work benches.

Oil – Suitable for oils, fuels, diesel & petrol. Can float on water to separate oil from water.

Maintenance – Suitable for oils, solvents & water based liquids

Chemical – Suitable for acids, alkalis, solvents & AdBlue®

Get your own branded spill kits today!

As spill kits are required wherever fuel, oil or AdBlue is stored, almost all your customers will need them! Make sure you keep getting the repeat orders by putting your name in front of the customer when they have used their kits on site and need to buy replacements.

Simply send us your logo with your first spill kit order and we'll do the rest at **no extra cost!** We'll then keep this on file so that any further orders can go out branded with your details on as standard.

YOUR LOGO HERE

Oil Spill Kit—20ltr
2 x absorbent socks
5 x absorbent pads
Blue disposal bag & tie

YOUR CONTACT DETAILS HERE

STOP IT **SPREADING**

SOAK IT **UP**

SCRAP IT **PROPERLY**

PUMPS | FMS | METERS | HOSES | NOZZLES | ALARMS | GAUGES | FILTERS | FILL & VENT | VALVES | FITTINGS | TOOLS

D DIESEL	O OIL	P PETROL	K KEROSENE	GR GREASE	HVO & GTL

EnviroSpill Oil Spill Kit

› Spill kit containing everything required to quickly deal with an oil spill in a portable & compact clip close carrier

› For all hydrocarbon based oils, fuels & petroleum based liquids

› Ideal for wherever fuels and oils are stored, delivered & handled

› 1, 2 or 4 spill socks (depending on kit) for absorbing 7.5 litres each

› 3, 5 or 10 spill pads (depending on kit) for absorbing 1.1litres each

› Blue waste bag & tie for proper disposal of used absorbents

› Can float on water – ideal for where water & oil must be separated

EnviroSpill

10, 20 & 40 Litres
CAPACITY

Oil/Fuel
TYPE

Code	Description	Capacity (l)	Socks	Pads	Disposal Bag & Tie	Fluids
SPL-OKT-10	EnviroSpill Oil Spill Kit 10l	10	1	3	✓	D O P K GR H&G
SPL-OKT-20	EnviroSpill Oil Spill Kit 20l	20	2	5	✓	D O P K GR H&G
SPL-OKT-40	EnviroSpill Oil Spill Kit 40l	40	4	10	✓	D O P K GR H&G

ANY FLUID

EnviroSpill Maintenance Spill Kit

› Spill kit containing everything required to quickly deal with a spill in a portable & compact clip close carrier

› For all industrial fluids, water based liquids, oils & mild chemicals

› A universal kit required by any factory, plant or industrial site

› 2 or 4 spill socks (depending on kit) for absorbing 7.5 litres each

› 5 or 10 spill pads (depending on kit) for absorbing 1.1litres each

› Blue waste bag & tie for proper disposal of used absorbents

EnviroSpill

20 or 40 litres
CAPACITY

Maintenance
TYPE

Code	Description	Capacity (l)	Socks	Pads	Disposal Bag & Tie	Fluids
SPL-MKT-20	EnviroSpill Maintenance Spill Kit 20l	20	2	5	✓	AF
SPL-MKT-40	EnviroSpill Maintenance Spill Kit 40l	40	4	10	✓	AF

C CHEMICAL	AB ADBLUE®

EnviroSpill Chemical Spill Kit

› Spill kit containing everything required to quickly deal with a spill in a portable & compact clip close carrier

› For AdBlue®, chemicals, acids, alkalis & solvents

› Ideal for wherever more aggressive fluids are stored, delivered & handled

› 1 or 2 spill socks (depending on kit) for absorbing 7.5 litres each

› 5 or 10 spill pads (depending on kit) for absorbing 0.5litres each

› Blue waste bag & tie for proper disposal of used absorbents

EnviroSpill

10 or 20 litres
CAPACITY

Chemical
TYPE

Code	Description	Capacity (l)	Socks	Pads	Disposal Bag & Tie	Fluids
SPL-CKT-10	EnviroSpill Chemical Spill Kit 10l	10	1	5	✓	C AB
SPL-CKT-20	EnviroSpill Chemical Spill Kit 20l	20	2	10	✓	C AB

PUMPS | FMS | METERS | HOSES | NOZZLES | ALARMS | GAUGES | FILTERS | FILL & VENT | VALVES | FITTINGS | TOOLS

TOOLS
PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

| D DIESEL | O OIL | P PETROL | K KEROSENE | GR GREASE | HVO & GTL |

EnviroSpill Eco Oil Absorbent Pads

› Box of 200 spill pads designed as a simple & cost effective solution for dealing with an oil spill

› For all hydrocarbon based oils, fuels & petroleum based liquids

› Open structure, melt blown polypropylene construction

› Absorb 0.6litres each - total box capacity is 120litres

› Ideal for wherever fuels and oils are stored, delivered & handled

› Can be floated on water making them ideal for where water & oil must be separated

120 litres
CAPACITY

Oil/Fuel
TYPE

Code	Description	Pad Capacity (l)	Pads	Box Capacity (l)	Fluids
SPL-EOPKT-200	EnviroSpill Eco Oil Spill Pads	0.6	200	120	D O P K GR H&G

| D DIESEL | O OIL | P PETROL | K KEROSENE | GR GREASE | HVO & GTL |

EnviroSpill Oil Absorbent Pads

› Box of 200 spill pads designed as a durable solution for dealing with an oil spill

› For all hydrocarbon based oils, fuels & petroleum based liquids

› Dimpled & bonded for extra strength so it to be used as a wipe

› Close bonded polypropylene with low-linting cover stock on both sides

› Absorb 0.6litres each - total box capacity is 120litres

› Ideal for wherever fuels and oils are stored, delivered & handled

› Can be floated on water making them ideal for where water & oil must be separated

120 litres
CAPACITY

Oil/Fuel
TYPE

Code	Description	Pad Capacity (l)	Pads	Box Capacity (l)	Fluids
SPL-OPKT-200	EnviroSpill Oil Spill Pads	0.6	200	120	D O P K GR H&G

ANY FLUID

EnviroSpill Maintenance Absorbent Pads

› Box of 200 spill pads designed as a durable solution for dealing with a spill

› For all industrial fluids, water based liquids, oils & mild chemicals

› Dimpled & bonded for extra strength so it to be used as a wipe

› Close bonded polypropylene with low-linting cover stock on both sides

› Absorb 0.5litres each - total box capacity is 100litres

› Universal pads required by any factory, plant or industrial site

100 litres
CAPACITY

Maintenance
TYPE

Code	Description	Pad Capacity (l)	Pads	Box Capacity (l)	Fluids
SPL-MPKT-200	EnviroSpill Maintenance Spill Pads	0.5	200	100	AF

D	O	P	K	GR	C	HVO
DIESEL	OIL	PETROL	KEROSENE	GREASE	CHEMICAL	& GTL

EnviroSpill Degreaser

› Safe, effective and environmentally friendly solution to cleaning grease, oil, wax, gum, dye, inks, smoke and exhaust stains

› Suitable for cleaning metal, plastic, rubber, porcelain, concrete and wood surfaces

› Eliminates odours and leaves no residue or slip hazards

› Industrial strength concentrate containing hydrocarbon eating microbes; not a soap, detergent or solvent

› Non-toxic, inflammable and biodegradable

› Bioremediates hazardous hydrocarbons into water vapour and carbon dioxide, reducing the volatility of flammable spills

› Can be used in pressure washers, soap tanks, steam cleaners or applied by spray, cloth or mop

› Available in a 1litre bottle or 25 litre container

EnViroSpill

1 or 25 litres
SIZE

Oil/Fuel
TYPE

1l Bottle

25l Container

Code	Description	Size	Packaging	Fluids
SPL-ELEM1	EnviroSpill Degreaser 1l	1 litre	Bottle	D O P K GR C H&G
SPL-ELIM25	EnviroSpill Degreaser 25l	25 litres	Container	D O P K GR C H&G

ANY FLUID

Husky Nozzle Service Kit

› Complete nozzle service kit for the removal & installation of nozzles, breakaways & filters in a clean and simple way

› Designed to provide a safe way of collecting fuel when the nozzle components are taken apart

› Nozzle holder for keeping nozzles off the ground

› Safe-T-Break® & filter cups for draining remaining fuel in each part

› All components fit inside the stainless steel service pail for easy transportation

› Suitable for use with all Husky nozzles and other brands of forecourt nozzle

HUSKY

Most Retail
NOZZLE TYPE

Code	Description	Breakaway Drain Cup	Filter Drain Cup	Nozzle Holder	Fluids
HU-7262	Husky Nozzle Service Kit	✓	✓	✓	AF

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS
FMS
METERS
HOSES
NOZZLES
ALARMS
GAUGES
FILTERS
FILL & VENT
VALVES
FITTINGS
TOOLS

EnviroSpill

ANY FLUID

250 or 284 litres
CAPACITY

Maintenance
TYPE

EnviroSpill Drum Pallet

› Drum pallet for complying with oil storage regs & containing any spills to avoid any slip hazards or damage to the environment

› Sump can hold the contents of a 205litre drum in the event of a leak or rupture

› Forklift lifting points for easy manoeuvring

› Self-locating grates lift off for quick clean up

› Polyethylene construction resistant to chemicals & acids

› Options designed for holding 2 or 4 drums

Code	Description	Drum Number	Sump Capacity (l)	Dimensions (mm)	Fluids
SPL-PLT205-2	EnviroSpill 2 Drum Spill Pallet	2	250	1245 x 635 x 457	AF
SPL-PLT205-4	EnviroSpill 4 Drum Spill Pallet	4	284	1245 x 1245 x 260	AF

EnviroSpill

ANY FLUID

1350 litres
CAPACITY

Maintenance
TYPE

EnviroSpill IBC Pallet

› IBC spill pallet/bund designed for static spill containment in the event of a leak or rupture of a single IBC

› Capacity is compliant with the 110% bund regulations for oil and chemical storage

› Tough, corrosion resistant polyethylene construction with no taps or drainage points that may compromise the bund

› Forklift lifting points for easy manoeuvring

› Strengthening ribs for maximum support

Code	Description	IBC Number	Sump Capacity (l)	Dimensions (mm)	Fluids
SPL-PLTIBC-1	EnviroSpill Single IBC Pallet	1	1350	980 x 1400 x 1400	AF

EnviroSpill

ANY FLUID

120 or 240 litres
CAPACITY

Oil/ Maintenance
TYPE

EnviroSpill Spill Bins

› Portable two-wheeled, hinged lid bin containing everything required to quickly deal with a spill

› Ideal when a quantity of absorbents need to be taken to a spill site

› Oil versions can be floated on water making them ideal for where water & oil must be separated

› 5 or 7 spill socks & 4 or 10 spill pillows (depending on kit)

› 60 or 150 spill pads (depending on kit)

› Blue waste bags & ties for proper disposal of used absorbents

Code	Description	Capacity (l)	Socks	Pads	Pillows	Disposal Bag & Tie	Fluids
SPL-BIN-120-OIL	EnviroSpill Oil Spill Bin 120l	120	5	60	4	5	D O P K GR
SPL-BIN-240-OIL	EnviroSpill Oil Spill Bin 240l	240	7	150	10	12	D O P K GR
SPL-BIN120-MAINT	EnviroSpill Maintenance Spill Bin 120l	120	5	60	4	5	AF
SPL-BIN240-MAINT	EnviroSpill Maintenance Spill Bin 240l	240	7	150	10	12	AF

| D DIESEL | O OIL | P PETROL | K KEROSENE | W WATER | HVO & GTL |

Standard PTFE Tape

| Standard |
| RATIO |

› PTFE tape for sealing joints & pipework with course threads

› Cost effective solution popular with engineers

› 12m rolls with white plastic cover

Code	Description	Roll	Colour	Fluids
SR7009	PTFE Tape	12m	White	D O P K W H&G

| D DIESEL | P PETROL | K KEROSENE | HVO & GTL |

Gasket Sheet

| Any |
| GASKET SHAPE |

| 1m x 1.5m |
| SHEET SIZE |

› 3mm thick nitrile/cork composite gasket seal sheet

› For any shape gasket seal to be cut for engineer convenience

› Fuel resistant material for use on diesel, petrol and heating oil installations

› Comes in a 1m x 1.5m sheet

Code	Description	Sheet Size	Thickness	Fluids
CTS2046	Gasket Sheet	1m x 1.5m	3mm	D P K H&G

| D DIESEL | O OIL | P PETROL | K KEROSENE | W WATER | C CHEMICAL | HVO & GTL |

Emergency Repair Tape

| 3-5 Layers |
| USAGE |

› Emergency repair tape for leaking oil lines, hoses & water pipes

› Typical use 3-5 layers; bonds quicker the tighter it is stretched

› Takes seconds to bond & approx. 1-2 mins to permanently seal

› Works on dirty, oily & wet surfaces & is resistant against UV rays

Code	Description	Temperature	Colour	Fluids
SR7013	Emergency Repair Tape	-65°C/260°C	Black	D O P K W C H&G

| D DIESEL | O OIL | P PETROL | K KEROSENE | W WATER | C CHEMICAL | HVO & GTL |

Heldite Joining Compound

| Medium |
| STRENGTH |

› For sealing & securing bolted, flanged or screwed pipe/thread joints

› Water-proof, anti-corrosive & suitable for most fluids

› Available in 250ml tin c/w brush applicator or 7ml bottle

Code	Description	Size	Colour	Temperature	Fluids
CTS1808	Heldite 250ml	250ml Tin	Brown	-40°C/350°C	D O P K W C H&G
CTS1810	Heldite 7ml	7ml Bottle	Brown	-40°C/350°C	D O P K W C H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

| D DIESEL | O OIL | P PETROL | K KEROSENE | W WATER | HVO & GTL |

Loxeal 18-10 Pipe Sealant

› Medium strength removable thread sealant for dismantling with hand tools

› Designed for pipework where regular maintenance is required

› Handling: 20-40mins, Functional cure: 1-3 hrs

› Shock & vibration resistant & suitable for many fluids

Medium
STRENGTH

Code	Description	Strength	Size	Colour	Temperature	Approval	Fluids
CTS1906	Loxeal 18-10	Easy to dismantle	250ml	White	-55°C/150°C	Gas EN751-1	D O P K W H&G

| D DIESEL | O OIL | P PETROL | K KEROSENE | W WATER | HVO & GTL |

Loxeal 58-11 Pipe Sealant

› Medium strength semi-permanent thread sealant for dismantling with larger hand tools replacing traditional PTFE tape

› Designed for pipework that may be removed for maintenance

› Handling: 15-30mins, Functional cure: 1-3 hrs

› Shock & vibration resistant & suitable for many fluids

Medium
STRENGTH

Code	Description	Strength	Size	Colour	Temperature	Approval	Fluids
CTS1905	Loxeal 58-11	Can be dismantled	75ml	Yellow	-55°C/150°C	WRAS/Gas EN751-1	D O P K W H&G

| D DIESEL | O OIL | P PETROL | K KEROSENE | W WATER | HVO & GTL |

Loxeal 85-21 Pipe Sealant

› High strength permanent thread sealant for robust, demanding joining applications

› Designed for pipework that will never be dismantled and for larger machining tolerances

› Handling: 15-30mins, Functional cure: 1-3 hrs

› Shock & vibration resistant & suitable for many fluids

High
STRENGTH

Code	Description	Strength	Size	Colour	Temperature	Approval	Fluids
F12278	Loxeal 85-21	Not for dismantling	250ml	Green	-55°C/150°C	Gas EN751-1	D O P K W H&G

| D DIESEL | O OIL | P PETROL | K KEROSENE | W WATER | HVO & GTL |

Loxeal 11 Sealant Activator

› Solvent based sealant activating spray for degreasing and speeding up curing

› Apply sealant to the male end and activator to the female end

› Cure time: 20-120 seconds

› Can be used on flanged or threaded joints

Loxeal Sealants
USE WITH

Code	Description	Size	Fluids
CTS1908	Loxeal 11	200ml	D O P K W H&G

| **D** DIESEL | **O** OIL | **P** PETROL | **K** KEROSENE | **W** WATER | **HVO & GTL** |

Loxeal 55-03 Thread Locker

› Medium strength thread sealant for dismantling with hand tools

› Designed for locking nuts & bolts that may need to be removed

› Handling: 10-20mins, Functional cure: 1-3 hrs, Full cure: 3-6 hrs

› Cures effectively even when applied to oily surfaces

LOXEAL ENGINEERING ADHESIVES

Medium

STRENGTH

Code	Description	Strength	Size	Colour	Temperature	Approval	Fluids
CTS1914	Loxeal 55-03 50ml	Can be dismantled	50ml	Blue	-55°C/200°C	Gas EN751-1	D O P K W H&G
CTS1913	Loxeal 55-03 0.5g Sachet	Can be dismantled	0.5g	Blue	-55°C/200°C	Gas EN751-1	D O P K W H&G

| **D** DIESEL | **O** OIL | **P** PETROL | **K** KEROSENE | **W** WATER | **HVO & GTL** |

Loxeal 43 Instant Adhesive

› General purpose glue for bonding surfaces together

› Works on even difficult to bond, porous or acidic materials e.g. leather, wood, tissue, metal, cardboard & rubber

› Cure time: 1-20 seconds

LOXEAL ENGINEERING ADHESIVES

High

STRENGTH

Code	Description	Size	Fluids
CTS1915	Loxeal 43 Instant Adhesive	20g	D O P K W H&G

ANY FLUID

High

STRENGTH

Bondseal Industrial Adhesive

› Adhesive to bond & seal all surfaces when drilling is not desirable

› Works on oily, wet & difficult surfaces e.g. wood, paper & metals

› Handling: 15-20mins, Full cure: 12 hrs

› Impact, shock, weather & chemical resistant

› Can be painted with water or solvent based paints

Code	Description	Size	Temperature	Fluids
CTS1918	Bondseal Industrial Adhesive	310ml Cartridge	-40°C/100°C	AF

| **D** DIESEL | **O** OIL | **P** PETROL | **K** KEROSENE | **W** WATER | **HVO & GTL** |

Any

USE BEFORE

Brake & Clutch Cleaner

› Aerosol cleaning spray that dissolves oil & grease from fittings

› For use on pipework components prior to thread sealant

› Ensure that joints are clean & oil free for the best possible bond

Code	Description	Size	Fluids
CTS1919	Brake and Clutch Cleaner	400ml	D O P K W H&G

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PUMPS

FMS

METERS

HOSES

NOZZLES

ALARMS

GAUGES

FILTERS

FILL & VENT

VALVES

FITTINGS

TOOLS

PIUSI

| **O** OIL | **D** DIESEL | **HVO & GTL** |

Oil Measure Jugs

5 litres
MAX CAPACITY

Flexi
SPOUT

› Measuring jugs for the easy transfer of oils

› Flexi spout c/w cap to prevent spillages

› Transparent polyethylene construction for easy checking of contents

› Available in 1ltr, 2ltr or 5ltr sizes

Code	Description	Capacity (l)	Spout	Cap/Lid	Material	Fluids
916000	Oil Measure Jug 1ltr	1	Flexi	✓	Polyethylene	D O H&G
917000	Oil Measure Jug 2ltr	2	Flexi	✓	Polyethylene	D O H&G
920000	Oil Measure Jug 5ltr	5	Flexi	✓	Polyethylene	D O H&G

PIUSI

| **O** OIL | **D** DIESEL | **HVO & GTL** |

Oil Funnels

220mm
MAX SIZE

Flexi
SPOUT

› Often used alongside the jugs to further aid transfer

› Flexi spout c/w cap to prevent spillages

› Filter inside funnel to prevent any large debris contamination from falling into oil

› Transparent polyethylene construction for easy checking of contents

› Available with 180mm or 220mm diameter

Code	Description	Size	Spout	Cap/Lid	Material	Fluids
930000	Oil Funnel 180mm	180mm Ø	Flexi	✓	Polyethylene	D O H&G
931000	Oil Funnel 220mm	220mm Ø	Flexi	✓	Polyethylene	D O H&G

PIUSI

| **ANY FLUID** |

Drum Trolleys

12.5-200kg
DRUM SIZE

2 or 4
WHEELS

› Sturdy drum trolley for the easy manoeuvring of a drum around a garage or workshop

› Incorporated holster for supporting the dispensing hose, keeping it neatly stored whilst not in use

› Different models available depending upon the size of the drums it is required to transport

Code	Description	Wheels	Drum Size Range	Fluids
F20595000	Drum Trolley 12.5-30kg	2	12.5-30kg	AF
F19965000	Drum Trolley 30-60kg	4	30-60kg	AF
F19966000	Drum Trolley 180-200kg	4	180-200kg	AF

D	O	P	K	HVO & GTL
DIESEL	OIL	PETROL	KEROSENE	

Kolor Kut Ullage Paste

› Ullage, or gauging paste, can be used to indicate the fuel level when no gauge exists

› Apply to a dipstick and lower into the bottom of the fuel tank

› The portion of the dipstick that comes into contact with the fuel will change colour

› Instant detection for all fluids, although heavy oils may take a few seconds

› It is particularly useful on underground tanks to indicate space remaining

62g
SIZE

See pages 111-119 for tank gauges
RELATED PRODUCTS

Code	Description	Size	Colour Change	Working Time	Fluids
SR7014	Ullage Gauging Paste	62g	Pink to Red	Instant	D O P K H&G

D	O	P	K	HVO & GTL
DIESEL	OIL	PETROL	KEROSENE	

Kolor Kut Water Finding Paste

› Designed to detect the presence of water in a fuel tank

› Apply to a clean piece of string or dipstick & lower into the bottom of the tank

› The brown paste will turn red when in contact with water, indicating its presence

› Instant detection for all fluids, although heavy oils may take a few seconds

› If water is found, it is recommended that you buy a water filter and get the tank inspected

86g
SIZE

See pages 121-124 for water filters
RELATED PRODUCTS

Code	Description	Size	Colour Change	Working Time	Fluids
SR7010	Kolor Kut Water Finding Paste	86g	Brown to Red	Instant	D O P K H&G

ANY FLUID

Universal Drum Wrench

› Cast aluminium drum wrench designed for the easy opening of fuel and oil drums

› Fits all ¾" and 2" closures

› Non-sparking

› Comes in point of sale packaging

Fuel & Oil
DRUM TYPE

¾" & 2"
FOR CLOSURE SIZES

NEW

Code	Description	Material	Non-Sparking	Fluids
MF3172	Universal Drum Wrench	Cast Aluminium	✓	AF

ANY FLUID

AC
POWER

Storage Tank Light

› Tank bulkhead light to illuminate the pumping equipment when operating outside daylight hours

› Compact design to easily fit inside the tank's front cabinent

› On/off switch for operating independently of pump equipment

› IP55 rated enclosure c/w ready to mount 2 hole metal bracket

Code	Description	V	On/Off Switch	Bulb (W)	Core Cable	Fluids
ELEC1001	Tank Bulkhead Light	230	✓	10	2m	AF

ANY FLUID

AC
POWER

Pump Timer Box

› Electric timer box designed to control the running time of a pump

› Ensures that if left on, the pump will not run dry or against a dead-head for long periods of time

› Pre-set 5 minute run time as standard (can be adjusted to individual site requirements on request)

› IP55 rated enclosure with on/off switch

Code	Description	V	On/Off Switch	Max Switching Capability	Fluids
ELEC5023	Pump Timer Box	230	✓	16A	AF

ANY FLUID

AC
POWER

Electrical Contactor Box

› 230v electric contactor pump switch box

› Allows the Piusi MC Box to work with pumps that have a current of up to 10 amps

› IP55 rated enclosure

Code	Description	V	Max Switching Capability	Fluids
ELEC25	Electrical Contactor Box	230	10A	AF

Fluid Logo Key

D DIESEL — Diesel/Gas Oil	**HVO & GTL** — HVO, GTL and other paraffinic fuels	**WS** WINDSCREEN — Windscreen fluid
O OIL — Oil - See viscosity chart below	**B1** B100 — Biodiesel up to B100	**A** ANTIFREEZE — Anti-freeze
AB ADBLUE® — AdBlue®/DEF	**B2** B20 — Biodiesel up to B20	**AIR** AIR — Air
P PETROL — Petrol/Gasoline (E15)	**B3** B30 — Biodiesel up to B30	**M** CATTLE MILK — Cattle milk - Not for human consumption
K KEROSENE — Kerosene/Heating Oil	**GR** GREASE — Grease	**G** GAS — Gas
J JET FUEL — AVGAS, AVJET A1, Aspen 2 & Aspen 4	**W** WATER — Water - Only WRAS if stated	**C** CHEMICAL — Large range of chemicals - check material compatibility
		ANY FLUID — Large range of fluids - check material compatibility

Oil Viscosity Chart
(units: cSt = mm ⅔)

Type of oil	-15°C	-10°C	-5°C	0°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C
60 Spindle oil	380	220	130	87	60	40	30	22	17	13		
90 Refrigerator oil	430	270	280	122	90	65	48	36	28	23		
150 Refrigerator oil	900	550	330	240	160	110	80	60	46	36		
90 Turbine oil	1100	700	440	290	200	140	100	75	63	40		
150 Spindle oil	2000	1000	600	360	230	150	100	75	55	46		
SAE - 10 W	1150	700	460	300	220	150	110	85	65	36		
ISO 32 aut. machines oil	1800	1000	600	400	260	180	125	90	70	53		
120 Machine oil	3000	1600	1000	620	400	265	180	130	95	75		
300 Refrigerator oil	3300	1800	1000	700	420	280	190	130	95	75		
140 Turbine oil	3500	2000	1200	750	500	320	240	170	120	95		
SAE - 20	3500	2000	1200	800	530	370	260	190	140	105		
160 Machine oil	4300	2500	1400	900	600	400	285	190	140	105		
ISO 68 Lubricant	5000	2800	1700	1100	650	400	300	210	150	130		
180 Turbine oil	5000	3000	1800	1050	700	460	320	220	160	120		
200 Turbine oil	6500	3800	2200	1300	800	550	360	260	180	135		
SAE - 80 Gear oil	7000	4000	2400	1400	900	600	400	280	200	150		
SAE - 30	9000	5000	3000	1800	1150	750	500	340	240	180		
ISO - 100	11000	5500	3200	2000	1200	800	500	350	250	180		
SAE - 40		8000	4500	2700	1600	1050	720	500	340	250		
ISO - 150	18000	10000	5500	3200	2000	1250	800	550	380	280		
SAE - 90 Gear oil			7000	4200	2500	1800	1000	700	480	340		
SAE - 50			8000	5000	3000	1800	1200	800	530	380		
ISO - 220			10000	5500	3200	2200	1300	900	600	420		
SAE - 60				9000	5500	3400	2000	1350	900	650		
ISO - 320			17000	9500	5500	3300	2100	1400	900	650		
SAE - 140 Gear oil				10000	6000	3800	2300	1400	1000	700		
ISO - 460				14000	8000	4800	3000	1900	1100	900	620	460
ISO - 680					14000	8000	5000	3000	2100	1400	950	680
ISO - 1000						14000	8000	5000	3100	2100	1500	1000
ISO - 1500							14000	8000	5000	3100	2200	1500

■ = Viscomat 70 (Page 23)
Viscomat 90 (Page 23)
Viscomat DC 60/2 (Page 25)
Piusi 3:1 Air Op (Page 29)

■ = Piusi 5:1 Air Op (Page 29)

■ = Viscomat 200/2 (Page 23)
Viscomat 230/3 (Page 23)
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Viscomat DC 60/1 (Page 24)
Viscomat DC 120/1 (Page 25)
Piusi Oil Bucket Pump (Page 33)

□ = Not usable

Catalogue / Index

*When you see the Trade Price Guarantee symbol "£☆", we'll match a cheaper trade price on this item should you receive one. See T&Cs on page 5.

Pump Type:	Number of Vanes:	Rotation:	Pump Rotor Layout:
Bypass 2000 12v/24v Vane kit code = **R07929**	5	Clockwise	
Panther 56 Panther 72 Panther DC BP3000 DC V 12v/24v Vane kit code = **R11276000**	5	Anti-Clockwise	
E80 E120 Vane kit code = **7002**	7	Clockwise	
Viscomat 70 Vane kit code = **R13926000** Viscomat 90 Vane kit code = **R12662000**	5	Clockwise	
Bipump 12v/24v Vane kit code = **R11287000**	10		