Products | Fuel transfer equipment overview

Portable tanks

200L Portable diesel tank with 40L/min 12 volt pump, 4m hose, auto nozzle and lockable lid
- UV stabilised diesel grade polyethylene polytuff tank
- 12 volt self-priming pump
- 40L/min open flow
- Strong double walled pump cover protects the pump and tank breather from unwanted access
- Padlockable pump cover
- Lockable filling cap
- Auto-nozzle
- 4m delivery hose
- 4m lead with alligator clips
- Length: 1100mm; width 640mm; height 610mm
- Weight (dry) 27kg

300L Portable diesel tank with 40L/min 12 volt pump, 4m hose, auto nozzle
- UV stabilised diesel grade polyethylene polytuff tank
- 12 volt self-priming pump
- 40L/min open flow
- Safety bottom fill drop tube
- Filling cap with breather
- Auto-nozzle
- 4m delivery hose
- 4m lead with alligator clips
- Length: 1060mm; width 900mm; height 530mm
- Weight (dry) 30kg

400L Portable diesel tank with 40L/min 12 volt pump, 4m hose, auto nozzle and lockable lid
- UV stabilised diesel grade polyethylene polytuff tank
- 12 volt self-priming pump
- 40L/min open flow
- Strong double walled pump cover protects the pump and tank breather from unwanted access
- Padlockable pump cover
- Lockable filling cap
- Auto-nozzle
- 4m delivery hose
- 4m lead with alligator clips
- Length: 1700mm; width 820mm; height 590mm
- Weight (dry) 41kg

1100L and 500L steel portable tanks with a pump station of your choice

See pump stations for fuel trailers

Custom-made tanks and transfer equipment for diesel and aviation fuels

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Products | Fuel transfer equipment

Electric pumps

Diesel and paraffin 220 volt

Jerrycar 220 volt pump set 60L/min includes:
- 60L/min 220 volt pump
- Jerrycar meter
- Wall mount bracket
- 4m delivery hose
- Manual nozzle
- Suction hose

Jerrycar 220 volt cube box pump set 60L/min includes:
- 60L/min 220 volt pump
- Jerrycar meter
- Wall mount box
- 4m delivery hose
- Automatic nozzle
- Suction hose

FMT 220 volt 100L/min pump

Technical features:
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Bypass valve built into pump casting
- Induction motor 220 - 250 volt
- Protection grade - IP 55 for outdoor use
- Continuous duty cycle with thermal protection
- 100L/min:
  - RPM: 1400
  - Head: 10m
  - Inlet/outlet: 25mm BSP
  - Watt: 500
  - Weight: 13kg

Jerrycar 220 volt diesel pumps available in 60L/min; 80L/min and 100L/min

Technical features:
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Centred steel rotor with acetylic resin blades
- Mechanical seal
- Bypass valve built into pump casting
- Induction motor 220 - 250 volt
- Protection grade – IP 55 for outdoor use
- Continuous duty cycle with thermal protection
- 60L/min:
  - RPM: 2800
  - Head: 25m
  - Inlet/outlet: 25mm BSP
  - Watt: 350
  - Weight: 7.5kg
- 80L/min:
  - RPM: 1400
  - Head: 10m
  - Inlet/outlet: 25mm BSP
  - Watt: 500
  - Weight: 13kg
- 100L/min:
  - RPM: 1400
  - Head: 10m
  - Inlet/outlet: 25mm BSP
  - Watt: 750
  - Weight: 16kg

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Products | Fuel transfer equipment

Electric pumps

Diesel and paraffin 12 and 24 volt

Piusi Bi pump 80L/min available in 12 or 24 volt

Technical features:
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Bypass valve built into pump casting
- DC brush motors x2 with permanent magnet stator
- 30 min duty cycle with thermal protection
- RPM: 2200
- Head: 10m (89% flow 30 min duty cycle)
- Head: 15m (50% flow 15 min duty cycle)
- Inlet/outlet: 25mm BSP
- Current: 44 (12V) and 22.5 (24V)

Jerrycar 12 volt pump set includes:
- 40L/min 12 volt pump
- Jerrycar meter
- Wall mount bracket
- 4m delivery hose
- Manual nozzle
- Suction hose

Jerrycar 40L/min battery kit (available in 12 or 24 volt) includes:
- 40L/min pump
- Jerrycar meter
- 4m delivery hose
- Manual nozzle
- Strainer

Jerrycar 40L/min pump (available in 12 or 24 volt)

Technical features:
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Acetyl resin vanes
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator
- 30 min duty cycle
- Protection grade – IP 55 for outdoor use
- RPM: 2800
- Head: 10m (85% flow 30 min duty cycle), 15m (50% flow 15 min duty cycle)
- Suction height: 2m
- Inlet/outlet: 20mm BSP
- Current: 22A (12V) and 12A (24V)
- Weight: 3.5kg

NALA 40L/min pump (available in 12 or 24 volt)

Technical features:
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator
- 100% duty cycle
- RPM: 2900
- Head: 10m
- Suction height: 2m
- Inlet/outlet: 20mm BSP
- Current: 22A (12V) and 12A (24V)

Gespasa 45L/min pump (available in 12 or 24 volt)

Technical features:
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Acetyl resin vanes
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator
- 100% duty cycle
- RPM: 2900
- Head: 10m
- Suction height: 2m
- Inlet/outlet: 20mm BSP
- Current: 22A (12V) and 12A (24V)
**Products | Fuel transfer equipment**

## Electric pumps

### Diesel and paraffin 12 and 24 volt

#### Piusi 48L/min pump (available in 12 or 24 volt)

**Technical features:**
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Acetyl resin vanes
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator
- 30 min duty cycle
- RPM: 2800
- Head: 10m (85% flow 30 min duty cycle), 15m (50% flow 15 min duty cycle)
- Suction height: 2m
- Inlet/outlet: special piusi fittings 20mm
- Current: 22A (12V) and 12A (24V)

#### FMT 35L/min pump (available in 12 or 24 volt)

**Technical features:**
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Resin vanes
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator
- 30 min duty cycle
- Protection grade – IP 54
- RPM: 3300
- Head: 15m (85% flow 30 min duty cycle), 20m (50% flow 15 min duty cycle)
- Suction height: 2m
- Inlet/outlet: 25mm BSP
- Current: 18A (12V) and 10A (24V)

#### Jerrycar 57L/min explosion-proof pump (available in 12 or 24 volt)

**Technical features:**
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Cast bronze vanes
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator and thermal overload protection
- 30 min duty cycle
- Rain proof
- Built in strainer
- Designed for 210L drum use
- Head: 10m (85% flow 30 min duty cycle), 15m (50% flow 15 min duty cycle)
- Suction height: 2m
- Inlet: 25mm BSP
- Outlet: 20mm BSP
- Current: 25A (12V) and 13A (24V)

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**Products | Fuel transfer equipment**

**Electric pumps**

**Explosion proof pumps for petrol and aviation fuels**

**Piusi EX50 50L/min explosion-proof pump (available in 12 or 24 volt)**

Permitted fuels:
- Avgas 100/100LL
- Jet A/A1
- Aspen2/4
- Petrol
- Petrol alcohol mixed max 15%
- Diesel and kerosene

Technical features:
- Displacement, self-priming, rotary vane pump
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator and thermal overload protection
- 30 min duty cycle
- Rain proof
- Protection grade – IP 55
- E.C. certificate: CESI 12 ATEX 033X
- RPM: 2700
- Head: 10m (85% flow 30 min duty cycle), 15m (50% flow 15 min duty cycle)
- Suction height: 2m
- Inlet: 25mm BSP
- Outlet: 25mm BSP
- Current: 17A max 25A (12V) and 9A (24V)

**GPI M-150S- 57L/min explosion-proof pump (available in 12 or 24 volt). 150S-AV. Specially designed for ground refuelling of aircraft.**

Permitted fuels:
- Avgas 100/100LL
- Jet A/A1

Technical features:
- Displacement, self-priming, gear pump
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator and thermal overload protection
- 30 min duty cycle
- Rain proof
- Protection grade – IP 55
- RPM: 1900
- Head: 10m
- Suction height: 2m
- Inlet: 25mm BSP
- Outlet: 20mm BSP
- Current: 18A max 25A (12V) and 9.5A (24V)

**FILLRITE 57L/min explosion-proof pump (available in 220, 12 or 24 volt)**

Permitted fuels:
- Avgas 100/100LL
- Jet A/A1
- Diesel and petrol

Technical features:
- Displacement, self-priming, rotary vane pump for transferring diesel and paraffin
- Cast bronze vanes
- Bypass valve built into pump casting
- DC brush motors with permanent magnet stator and thermal overload protection
- 30 min duty cycle
- Rain proof
- Protection grade – IP 55
- RPM: 1900
- Head: 10m
- Suction height: 2m
- Inlet: 25mm BSP
- Outlet: 20mm BSP
- Current: 18A max 25A (12V) and 9.5A (24V)
Products | Fuel transfer equipment

Electric pumps

Oil pumps

Viscomat 220 volt 25L/min vane pump
Permitted fuels:
- Oil with a viscosity from 50 to 500 cSt (at working temperature)

Technical features:
- Self-priming, volumetric, vane pump
- Acetyl resin vanes
- Adjustable bypass
- Continues duty cycle (under bypass conditions, for brief periods (2-3min)
- RPM: 1400
- Head: 10 - 60m adjustable
- Suction height: 2m
- Inlet: 20mm BSP
- Outlet: 20mm BSP
- Current: 4.6A

Viscomat 220 volt 9L/min gear pump
Permitted fuels:
- Oil with a viscosity from 50 to 1500 cSt (at working temperature)

Technical features:
- Positive displacement gear pump
- Adjustable bypass
- Continues duty cycle
- RPM: 1450
- Head: 10 - 120m adjustable
- Suction height: 2m
- Inlet: 25mm BSP
- Outlet: 25mm BSP
- Current: 4.6A

Viscomat 12 volt 14L/min gear pump
Permitted fuels:
- Oil with a viscosity from 50 to 500 cSt (at working temperature)

Technical features:
- Positive displacement gear pump
- Runs dry without damage
- Duty cycle 30min
- RPM: 1450
- Head: 10 m
- Suction height: 2m
- Inlet: 12mm swage
- Outlet: 12mm swage
- Current: 4.8A
Products | Fuel transfer equipment

Electric pumps

AD blue pumps

220 volt 35L/min AD blue pump

Permitted fuels:
- Aus32/Def/AD blue
- Water and liquid food products

Technical features:
- Diaphragm pump
- Self priming
- EPDM membrane
- Absence of dynamic seals
- Duty cycle continuous
- RPM: 1450
- Head: 15m
- Suction height: 2m
- Outlet: 20mm swage
- Watt: 370

12 volt 35L/min AD blue pump

Permitted fuels:
- Aus32/Def/AD blue
- Water and liquid food products

Technical features:
- Diaphragm pump
- Self priming
- EPDM membrane
- Absence of dynamic seals
- Duty cycle 30min
- RPM: 1450
- Head: 15m
- Suction height: 2m
- Outlet: 20mm swage
- Watt: 370

Water and diesel marine pumps

Submersible 12 volt diesel/water pump
18L/min
Max head: 10m

Marine submersible water pump 12 volt
10 000 litre per hour max
Max head: 5m

Marine submersible water pump 12 volt
5 500 litre per hour max
Max head: 5m
Products | Fuel transfer equipment

Hand pumps

**Fill-Rite/tuthill piston hand pump**
- Capacity: Up to 76 litres per 100 strokes
- Permitted fuels: Diesel, petrol and aviation fuels (up to 20% biodiesel blends), kerosene, light oil (up to 10wt) and hydraulic fluid
- Inlet: 1” NPT
- Outlet: ¾” NPT

**GPI HP90 piston hand pump**
- Capacity: Up to 76 litres per 100 strokes
- Permitted fuels: Diesel, petrol and aviation fuels (up to 20% biodiesel blends), kerosene, light oil (up to 10wt) and hydraulic fluid
- Inlet: 1” NPT
- Outlet: ¾” NPT

**Macnaught rotary hand pump**
- Capacity: Up to 100L/min
- Permitted fuels: Diesel, petrol, (up to 20% biodiesel blends), kerosene, light oil (up to SAE30)
- Inlet: 1” BSP
- Outlet: 1” hose connector

**LP 32 rotary hand pump**
- Capacity: Up to 100L/min
- Permitted fuels: Diesel, (Up to 20% biodiesel blends), kerosene
- Inlet: 1” NPT
- Outlet: 1” NPT

**Semi rotary (wing) hand pump**
Suitable for the handing of clear and light liquids such as water, petrol, diesel, paraffin, alcohol, light chemical solutions and edible oil. It is the only hand pumps safe for use with very hot liquids (up to 80. O. C.)
- KO: Inlet/outlet ½” BSP (capacity 11L/min)
- K1: Inlet/outlet ¾” BSP (capacity 17L/min)
- K2: Inlet/outlet 1” BSP (capacity 22L/min)
- K3: Inlet/outlet 1½” BSP (capacity 29L/min)
- K4: Inlet/outlet 1¾” BSP (capacity 43.25L/min)
- K5: Inlet/outlet 1¾” BSP (capacity 53L/min)

**D490 20L/min oil hand pump**
- Design to fit on 210L drums

**OT201 35L/min oil hand pump**
- Design to fit on 210L drums

**Marine/military semi-rotary hand pump with meter and nozzle**
- Design to handle a wide range of liquids from fuel and oil to sludge (water-oil mixture)
## Fuel Transfer Equipment

### Industrial Pumps

#### YA-50-A Belt Driven High Volume Pump with Ex-proof Motor
- Permitted fuels: Diesel, kerosene, petrol, biofuels, solvents and aviation fuels
- Slide vane pump with internal adjustable by-pass
- Inlet: 2" BSP
- Outlet: 2" BSP
- Flow rate: 300L/pm
- RPM: 640
- KW: 2.2
- Volt: 380 3PH
- Weight: 86kg

#### Submersible Turbine Pump with Ex-proof Motor
- Permitted fuels: Diesel, kerosene, petrol
- Built in check valve
- By pass valve
- Vacuum valve
- Pump is designed to fit on 4" BSP thread
- Inlet: 1 ½" BSP
- Outlet: 2" BSP
- Ex-proof: IP x 6
- Flow rate: 200L/pm
- RPM: 2820
- KW: 1.1
- Volt: 220
- Weight: 41kg

#### SUB40 High Volume Vane Pump
- Permitted fuels: Diesel, kerosene, petrol, biofuels, solvents and aviation fuels
- Slide vane pump with internal adjustable by-pass
- Inlet: 40mm BSP
- Outlet: 40mm BSP
- Flow rate: 180L/pm
- RPM: 960
- KW: 1.5
- Vacuum: 0.06 MPA

#### YA-50 High Volume Pump
- Permitted fuels: Diesel, kerosene, petrol, biofuels, solvents and aviation fuels
- Slide vane pump with internal adjustable by-pass
- Inlet: 2" BSP
- Outlet: 2" BSP
- RPM: 400 - 640
- KW: 2.2
- Flow rates at different RPM
  - RPM: 650, flowrate: 300L/m
  - RPM: 600, flowrate: 270L/m
  - RPM: 550, flowrate: 240L/m
  - RPM: 500, flowrate: 210L/m
  - RPM: 450, flowrate: 180L/m
  - RPM: 400, flowrate: 150L/m

#### KCB 83 Stainless Steel Gear Oil Pump
- Permitted fuels: Oil, animal and vegetable oil, diesel, kerosene, biofuels
- Transfer liquids up to 300 °C with a viscosity of 5 – 1500 Cst
- Inlet: 1.5"
- Outlet: 1.5"
- RPM: 1420
- KW: 2.2
- Pressure: 0.33Mpa
- Suction: 5m
- Flow rate: 83L/min

#### ZCH 50A and ZCH 50B Fuel Dispenser Gear Pumps
- Permitted fuels: petrol, diesel, kerosene and gasohol
- Air separator, by-pass valve, check valve and inlet filter are built in
- RPM: 900
- Pressure: 0.18 - 0.24Mpa
- Vacuum: 0.04Mpa
- Flow rate: 45 - 50L/min
**Products | Fuel transfer equipment**

**Industrial pumps**

ZYB 50a and ZYB 80A fuel dispenser vane pumps

- Permitted fuels: Petrol, diesel, kerosene and gasohol
- Air separator, by-pass valve, check valve and inlet filter are built in
- RPM: 630
- Pressure: 0.2Mpa
- Vacuum: 0.054Mpa
- Flow rate: 45 - 65L/min (ZYB 50a); 75 - 85L/min (ZYB 80A)
### Products | Fuel transfer equipment

#### Accessories

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom fill dry break couplers</td>
<td>for diesel/petrol and aviation fuels</td>
</tr>
<tr>
<td>Dry break couplers for ZVA nozzles (reusable)</td>
<td></td>
</tr>
<tr>
<td>Hose swivels ¾”, 1”, 1¼”, 1½” and 2”</td>
<td></td>
</tr>
<tr>
<td>Hose connectors ¾” and 1” with BSP and BSPT thread</td>
<td></td>
</tr>
<tr>
<td>Brass swage nipples with BSP thread available in the following sizes:</td>
<td></td>
</tr>
<tr>
<td>· ¾” bsp - ¾” swage</td>
<td></td>
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<tr>
<td>· ¾” bsp - 1” swage</td>
<td></td>
</tr>
<tr>
<td>· 1” bsp - ¾” swage</td>
<td></td>
</tr>
<tr>
<td>· 1” bsp - 1” swage</td>
<td></td>
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<tr>
<td>Aggie gas (farm tank hose)</td>
<td>agriculture gasoline hose 1” Multi-use hose for dispensing gasoline, grease,</td>
</tr>
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<td></td>
<td>kerosene and petroleum oils from farm and barrel type pumps. Ideal for</td>
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<td></td>
<td>gravity feeding on diesel tanks. It is ideal for agricultural, construction</td>
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<tr>
<td></td>
<td>and industrial service where UL approval is not required.</td>
</tr>
<tr>
<td>Goodyear Futura Flexsteel petroleum transfer hose 1”, ¾” and ½”</td>
<td>With cover resists cracking and fading, designed to dispense a wide range</td>
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<tr>
<td></td>
<td>of fuels with extreme durability. The wire braid construction provides</td>
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<tr>
<td></td>
<td>excellent kink resistance, low computer creep, and long service life.</td>
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<tr>
<td></td>
<td>UL 330 and CUL approved.</td>
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<tr>
<td></td>
<td>· Tube: Nitrile synthetic rubber (ORS)</td>
</tr>
<tr>
<td></td>
<td>· Cover: Futurin synthetic rubber (ORS)</td>
</tr>
<tr>
<td>Aircraft refuelling hose (Wingcraft) and/or (Jetranger)</td>
<td>For fuelling or defuelling commercial and private aircraft. It handles Jet</td>
</tr>
<tr>
<td></td>
<td>A-1, Jet A and higher aromatic aviation gasoline. Its high working</td>
</tr>
<tr>
<td></td>
<td>pressure permits use in fuel cart hydrant service. Hose meets API bulletin</td>
</tr>
<tr>
<td>Automatic hose reels:</td>
<td>· ¾” with 12 metre hose</td>
</tr>
<tr>
<td></td>
<td>· 1” with 10 metre hose</td>
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<tr>
<td></td>
<td>· Also available without hose or shorter hose as standard.</td>
</tr>
</tbody>
</table>

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**Products | Fuel transfer equipment**

**Accessories**

**Stainless steel calibrating can (prover) 20L**

**Petroleum manhole cover and collar**
- 16" manhole
- Pressure relief valve setting 3 psig
- Rated pressure actuated emergency venting: 375,000 cu.ft. per hour at 5 psig
- Not permitted on MC306 cargo tanks
- Certified and marked in accordance with 49CFR178.345-5
- Relief valve also serves as a 10" latch that can be easily opened for filling the tank or for inspection
- Cover: Plated steel
- Collar: Plated steel
- Gasket: Buna-N

**Fire extinguisher and wall bracket (9kg)**

**Earth cable and approved clamp for aviation fuelling and petrol transfer**

**A wide range of aluminium couplers**

**A wide range of aluminium couplers**

**A wide range of aluminium couplers**

**M.D. -212 encoder (ATEX)**
- 60 or 100 pulses per revolution
- Output 5-36 VDC
- Design to be used on dispenser meters

**J.S. -100 encoder**
- 100 pulses per revolution
- Output 8-24 VDC
- Design to be used on bulk industrial meters such as M40 and M50
Products  |  Fuel transfer equipment

Accessories

15 litre drain pan (oil collector)
- Diameter: 500mm
- Height: 130mm

Farmer's Toolbox 1
- Size: 630 x 390 x 350mm (outside) and 550 x 310 x 290mm (inside)

Farmer's Toolbox 2
- Size: 710 x 430 x 350mm (outside) and 625 x 350 x 290mm (inside)

Farmer's Toolbox 3
- Size: 870 x 530 x 440mm (outside) and 790 x 450 x 370mm (inside)
Products | Fuel transfer equipment

Pump stations for fuel trailers

All stations are built according to customer specifications in a lockable 25mm steel case and fitted at the back of the Jerrycar.

Pump stations for aviation and petrol trailers

- **PIUSI ATEX 50L/min pump station with aviation approved filter, meter, hose, hose connector and nozzle**
  - 12 volt (available in 24 volt)

- **Fill-rite 50 or 70L/min pump station with aviation approved meter, hose, hose connector and nozzle**
  - Filter is not approved
  - 12 volt (available in 24 and 220 volt)

- **GPI 50L/min pump station with optional drum suction**
  - 12 volt (available in 24 volt)

- **GPI 50L/min pump station with backup GPI piston hand pump**
  - 12 volt (available in 24 volt)

- **Fill-rite piston hand pump (76L per 100 stroke) with approved meter, filter and hose**
  - Available with similar GPI pump

- **Fill-rite piston hand pump (76L per 100 strokes) with recovery function**
  - Available with similar GPI pump
Products  |  Fuel transfer equipment

Pump stations for fuel trailers

All stations are built according to customer specifications in a lockable 25mm steel case and fitted at the back of the Jerrycar.

Pump stations for diesel and paraffin trailers

- 40L/min pump station with filter, meter, hose, nozzle, 10m lead, clamps and strainer
  - 12 volt (available in 24 volt)

- 40L/min pump station with backup hand pump including filter, meter, hose, nozzle, 10m lead, clamps, strainer and switch over valve
  - 12 volt (available in 24 volt)

- 80L/min pump station with water separator/dirt filter, water absorption filter, meter, hose, nozzle, 10m lead, clamps and strainer
  - 12 volt (available in 24 volt)

- 220 volt pump station with filter, meter, hose, nozzle and strainer
  - Available in 60, 80 and 100L/min

- K2 wing pump 22 L/min with filter, hose, nozzle and strainer
  - The wing pump with its short stroke is not recommended to use with a meter. The meter will not be accurate due to the short pump strokes.

- Fill-rite piston hand pump (76L per 100 strokes) with filter, meter, hose, nozzle and strainer

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### Filters

<table>
<thead>
<tr>
<th>Product</th>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Baldwin bulk diesel filter with drain** | ![Image](image1.png) | - Rating: Basic dirt filter  
- Suitable for gravity feed (not recommended on pressure exceeding 0.4bar)  
- Micron: 10  
- Flow rate: 60L/min |
| **GUD/FRAM CF. 1000 bulk diesel filter with drain** | ![Image](image2.png) | - Rating: Efficient dirt and water separation (90% of water decanting)  
- Micron: 5  
- Flow rate: 105L/min |
| **Piusi bulk high flow diesel filter** | ![Image](image3.png) | - Rating: Basic dirt filter  
- Pressure: 12bar (recommended to use with electric pumps)  
- Micron: 10 or 20  
- Flow rate: 100L/min |
| **Gespasa suction or gravity flow bulk diesel filter with drain** | ![Image](image4.png) | - Rating: Efficient dirt and water separation (90% of water decanting)  
- Micron: 5  
- Flow rate: 105L/min |
| **Fl8 Jerrycar bulk dispenser (diesel/petrol) dirt and water separation filter** | ![Image](image5.png) | - Rating: High efficient separation  
- Pressure: 3.5bar (recommended to use with electric pumps)  
- Micron: 30  
- Flow rate: 94L/min |
| **Fl7 Jerrycar bulk dispenser (diesel/petrol) dirt and water particle removal filter** | ![Image](image6.png) | - Rating: High efficient water removal with absorption media  
- Pressure: 3.5bar (recommended to use with electric pumps)  
- Micron: 30  
- Flow rate: 94L/min |
| **Cimtec bulk dispenser (diesel/petrol) dirt and water particle removal filter** | ![Image](image7.png) | - Rating: High efficient water removal with absorption media  
- Pressure: 3.5bar (recommended to use with electric pumps)  
- Micron: 30  
- Flow rate: 94L/min |
| **Donaldson P179075 hydraulic dirt and water particle removal filter** | ![Image](image8.png) | - Rating: High efficient water removal with absorption media  
- Pressure: 55bar (recommended to use with electric pumps)  
- Micron: Not rated  
- Flow rate: 180L/min |
Products  |  Fuel transfer equipment

Filters

Velcon/Parker (Aquacon) aviation dirt and water particle removal filter
- Available in spin on and removable cartridge
- Rating: Aviation approved with absorption media
- Pressure: 3.5bar (recommended to use with electric pumps)
- Micron: 0.5
- Flow rate: 75L/min

GI5 strainer
- 1” BSP
- Flow rate: 120L/min

GI4 strainer (static applications)
- 1” BSP
- Flow rate: 120L/min

Donaldson breather for storage tanks and trailers
- 1” BSP male
- Remove dust and moist
Products | Fuel transfer equipment

Nozzles

- **Manual aluminium nozzle**
  - Capacity: 120L/min

- **Small spout manual aluminium nozzle**
  - Capacity: 57L/min

- **Automatic nozzle unleaded ¾”**
  - Capacity: 60L/min

- **Automatic nozzle 1” and ¾”**
  - Capacity: 80L/min

- **Automatic nozzle 1”**
  - Capacity: 120L/min

- **Bulk manual nozzle for gravity feed 1½”**
  - Capacity: 200L/min

- **Bulk automatic nozzle for pump feed 1½”**
  - Capacity: 270L/min

- **Manual Ad blue nozzle**
  - Capacity: 57L/min

- **ZVF 25 aviation nozzle (manual)**
  - Avgas and Jet A-1
Products | Fuel transfer equipment

Meters

Jerrycar diesel/paraffin meter
- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%
- Readout revolution: 0.378L

K44 diesel/paraffin meter
- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 5%
- Repeatability: 1%
- Readout revolution: 0.378L

Piusi K33 diesel/paraffin meter
- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%
- Readout revolution: 0.378L

Gespasa diesel/paraffin meter
- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%
- Readout revolution: 0.378L

Super-Rite diesel/paraffin meter
- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 5%
- Repeatability: 1%
- Readout revolution: 0.378L

FM 40 diesel/paraffin meter
- Flow rate: 20-120L/min
- Inlet/outlet: 32mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%
- Readout revolution: 0.378L

* Important note
Although these meters are relatively accurate, they are not fitted with an air illuminator and therefore will measure any air bubbles in the fuel. The meter will also measure the last foam on an empty tank. If the flow rate is below 20L/min, the nutating disk will slip and the reading will not be accurate. The calibration will differ on different flow rates. These meters are therefore not suitable for reselling.
Products | Fuel transfer equipment

Meters

Piusi Atax aviation fuels/petrol/diesel/paraffin meter

- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%

GPI aviation fuels/petrol/diesel/paraffin meter

- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%
- Readout revolution: 0.378L

Fill-Rite aviation fuels/petrol/diesel/paraffin meter

- Flow rate: 20-120L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Nutating disk
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%
- Readout revolution: 0.378L

* Important note
Although these meters are relatively accurate, they are not fitted with an air illuminator and therefore will measure any air bubbles in the fuel. The meter will also measure the last foam on an empty tank. If the flow rate is below 20L/min, the nutating disk will slip and the reading will not be accurate. The calibration will differ on different flow rates. These meters are therefore not suitable for reselling.

Warning
These meters are not suitable for flight fuel calculations.
Macnaught aviation fuels/petrol/diesel/paraffin meter

- Flow rate: 3-80L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Oval gear
- Operating pressure (max): 3.5bar
- Burst pressure: 15bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%

Warning: These meters are not suitable for flight fuel calculations.

* Important
Although these meters are relatively accurate, they are not fitted with an air illuminator and therefore will measure any air bubbles in the fuel. The meter will also measure the last foam on an empty tank as well as air flow that might occur in line. If the flow rate is below 10L/min, the turbine will slip and the reading will not be accurate. The calibration will differ on different flow rates. These meters are therefore not suitable for reselling.

Turbine diesel/paraffin meter

- Flow rate: 10-100L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Turbine
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 70°C
- Operating temperature: -10 to 50°C
- Flow resistance at 100L/min: 0.3bar
- Accuracy after calibration: 1 - 2%
- Repeatability: 1%

Jerryca turbune water/agriculture chemicals/Ad blue/diesel/paraffin meter (suitable to measure UREA)

- Flow rate: 10-100L/min
- Inlet/outlet: 25mm BSP
- Meter mechanism: Turbine
- Operating pressure (max): 3.5bar
- Burst pressure: 30bar
- Storage temperature: -20 to 70°C
- Operating temperature: -10 to 50°C
- Flow resistance at 100L/min: 0.3bar
- Accuracy after calibration: 1 - 2%
- Repeatability: 1%
Products | Fuel transfer equipment

Meters

Digital oval gear oil/diesel/paraffin meter
- Flow rate: 3-40L/min
- Inlet/outlet: 20mm BSP
- Meter mechanism: Oval gear
- Operating pressure (max): 10bar
- Burst pressure: 40bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%

OGM oval gear oil/diesel/paraffin meter
- Flow rate: 20-120L/min, Inlet/outlet: 1” BSP
- Flow rate: 25-250L/min, Inlet/outlet 1½” BSP
- Flow rate: 30-300L/min, Inlet/outlet 2” BSP
- Meter mechanism: Oval gear
- Operating pressure (max): 10bar
- Burst pressure: 40bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%

OGM oval gear oil/diesel/paraffin meter with encoder
- Flow rate: 20-120L/min
- Inlet/outlet: 1” BSP
- Meter mechanism: Oval gear
- Operating pressure (max): 10bar
- Burst pressure: 40bar
- Storage temperature: -20 to 80°C
- Operating temperature: -10 to 60°C
- Accuracy after calibration: 1%
- Repeatability: 1%

* Important
Although these meters are relatively accurate, they are not fitted with an air illuminator and therefore will measure any air bubbles in the fuel. The meter will also measure the last foam on an empty tank. The calibration will differ on different flow rates. These meters are therefore not suitable for reselling.
Products | **Fuel transfer equipment**

**Industrial meters**

| M40 and M50 high volume meters with strainer and air eliminator |
| M40: Flow rate: 20 - 120L/min, inlet/outlet: 40mm BSP |
| M50: Flow rate: 50 - 500L/min, inlet/outlet: 50mm BSP |
| Positive displacement meter |
| Micro adjustment |
| High accuracy over a wide range of flow |
| Low pressure loss |
| Excellent on gravity as well as pump applications |
| Permitted liquids: Aviation gasoline, jet fuels, gasoline, diesel, kerosene, liquid sugars, corn syrup, corn sweeteners, LPG, crude oil, water based latex products, polyester resins, adhesives with a neutral pH and treated waters (deionized, demineralised and potable) |

**Technical features:**
- Meter type: Positive displacement
- Operating pressure (max): 10bar
- Storage temperature: -20 to 80°C
- Operating temperature: -20 to 60°C
- Accuracy after calibration: 0.2%
- Repeatability: 0.05%
- Seal and gasket: Buna
- Viscosity: 30SSU - 1 500 000SSU

| SM50-1 high volume meters with encoder |
| Flow rate: 25 - 400L/min, inlet/outlet: 50mm BSP |
| Positive displacement meter |
| High accuracy over a wide range of flow |
| Low pressure loss |
| Excellent on gravity as well as pump applications |
| Permitted liquids: Aviation gasoline, jet fuels, gasoline, diesel, kerosene and oil |

**Note:** This meter does not have an air eliminator and will measure air bubbles, foam and air flow

**Technical features:**
- Meter type: Positive displacement
- Operating pressure (max): 8bar
- Storage temperature: -20 to 80°C
- Operating temperature: -20 to 60°C
- Accuracy after calibration: 0.2%
- Repeatability: 0.05%
- Seal and gasket: Buna
- Viscosity: 30SSU - 1 500 000SSU
**Fuel dispenser meters**

**MJ85-S flow meter with encoder**
- Flow rate: 5-90L/min
- Inlet/outlet: Flange
- Positive displacement meter
- High accuracy over a wide range of flow
- Permitted liquids: Aviation fuels, gasoline, diesel and kerosene
- Accuracy after calibration: 0.2%
- Repeatability: 0.05%
- Discharge per revolution: 0.5L
- Min. adjustment: 0.07%

**MJ85-S flow meter**
- Flow rate: 5-90L/min
- Inlet/outlet: Flange
- Positive displacement meter
- High accuracy over a wide range of flow
- Permitted liquids: Aviation fuels, gasoline, diesel and kerosene
- Accuracy after calibration: 0.2%
- Repeatability: 0.05%
- Discharge per revolution: 0.5L
- Min. adjustment: 0.07%

**JG-473A flow meter**
- Flow rate: 5-60L/min
- Inlet/outlet: Flange
- Positive displacement meter
- High accuracy over a wide range of flow
- Permitted liquids: Aviation fuels, gasoline, diesel and kerosene
- Accuracy after calibration: 0.2%
- Repeatability: 0.05%
- Discharge per revolution: 0.47L
- Min. adjustment: 0.04%

**RSJ-50 flow meter**
- Flow rate: 5-60L/min
- Inlet/outlet: Flange
- Positive displacement meter
- High accuracy over a wide range of flow
- Permitted liquids: Aviation fuels, gasoline, diesel and kerosene
- Accuracy after calibration: 0.2%
- Repeatability: 0.05%
- Discharge per revolution: 0.5L
- Min. adjustment: 0.05%

**MJ-55 flow meter with encoder**
- Flow rate: 5-60L/min
- Inlet/outlet: Flange
- Positive displacement meter
- High accuracy over a wide range of flow
- Permitted liquids: Aviation fuels, gasoline, diesel and kerosene
- Accuracy after calibration: 0.2%
- Repeatability: 0.05%
- Discharge per revolution: 0.5L
- Min. adjustment: 0.07%