Diesel, Lubricant and Grease Kits

Transfer, Filtering, Measurement and Control

For Farming, Transport, Marine & Plant Hire

January 2010
**AT-30 SPRINT 12VCC · 30 L/MIN**
- Self-priming rotary pump with self-adjusting blades
- Recirculation bypass valve
- 2m cable with clamps
- ON/OFF Switch

<table>
<thead>
<tr>
<th>Supply</th>
<th>Flow</th>
<th>Motor</th>
<th>Connections</th>
<th>Duty cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>12VCC</td>
<td>30l/min</td>
<td>0.12kW</td>
<td>3/4&quot;</td>
<td>S2 30'</td>
</tr>
</tbody>
</table>

**AG-35 · 12/24VCC 50 L/MIN**
- Self-suction - self-priming.
- Eccentric self-adjusting blades
- Suction: 2.5m · Delivery: 20m
- 2m cable with clamps
- Luminous switch with IP-55 protection

<table>
<thead>
<tr>
<th>Supply</th>
<th>Flow</th>
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</tr>
</thead>
<tbody>
<tr>
<td>12/24VCC</td>
<td>50l/min</td>
<td>0.30kW</td>
<td>3/4&quot;</td>
<td>S2 30'</td>
</tr>
</tbody>
</table>

**AG-35 PUMP BARREL KITS**

**Horizontal kits**
The horizontal kits are equipped with:
- AG-35 12 or 24VDC pump (with or without mechanical meter), manual or automatic nozzle and *accessories

**Vertical kits with telescopic tube**
The vertical kits are equipped with:
- AG-35 12 or 24VDC pump (with or without mechanical meter), manual or automatic nozzle and *accessories

**DIESEL KIT · 12VCC 30 L/MIN**
Composed of:
- AT-30 SPRINT 12V pump
- Manual aluminium nozzle with rotary swivel
- 3m Anti-static delivery hose Ø19 with clamps, special for diesel
- 1.3m anti-static elbow suction hose Ø21, special for diesel
- Stainless Steel mesh filter
- Adapter kit to connect the hose
- Not continuously rated

**DIESEL BATTERY KIT · 12/24 VCC**
Composed of:
- AG-35 12 or 24VDC pump
- PSF-040 - Manual aluminium nozzle with F1° swivel and curved end
- 4m anti-static delivery hose Ø19 double layer, special for diesel, with adapters in both ends
- PP lower filter with Stainless Steel mesh and other accessories

**Pump**  | **Accessories** | **Meter** | **Nozzles** |
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-35 12VCC</td>
<td>*</td>
<td>MS-60 Mechanical</td>
<td>PSF-040 Manual</td>
</tr>
<tr>
<td>*</td>
<td></td>
<td></td>
<td>PL-60 Automatic (fuel included)</td>
</tr>
</tbody>
</table>

*Horizontal kit accessories: 4m antistatic delivery hose Ø19 double layer, special for diesel, with adapters in both ends, 1.70m elbow hose Ø21 special for diesel, M3/4" x 26PP adapter, 2 brackets 23x35 and PP lower filter

*Vertical kit accessories: M3/4" F1° telescopic tube kit, height 1.90m with filter built-in, 4m antistatic delivery hose Ø19 double layer, special for diesel, with adapters in both ends

Because of constant innovations and development, T-T PUMPS Ltd reserves the right to change the technical specifications of its products and publicity without prior notice.
AG-90 · 12/24VCC 80 L/MIN

- Self-suction - self-priming. Eccentric self-adjusting blades
- With recirculation bypass
- Suction: 2.5m · Delivery: 20m
- IP-55 Protection
- 3m cable with clamps

<table>
<thead>
<tr>
<th>Supply</th>
<th>Flow</th>
<th>Motor</th>
<th>Connections</th>
<th>Duty cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/24VCC</td>
<td>80l/min</td>
<td>0.37kW</td>
<td>1”</td>
<td>S1 Continuous</td>
</tr>
</tbody>
</table>

AG-90 PUMP BARREL KITS

Horizontal kits

The horizontal kits are equipped with:
- AG-90 12 or 24VDC pump (with or without mechanical meter), manual or automatic nozzle and *accessories

Vertical kits with telescopic tube

The vertical kits are equipped with:
- AG-90 12 or 24VDC pump (with or without mechanical meter), manual or automatic nozzle and *accessories

*Horizontal kit accessories: 4m antistatic delivery hose Ø25 double layer, special for diesel, with adapters in both ends, 1.70m elbow hose Ø25 special for diesel, Filter York 1”, 2 brackets 25x40, 2 adapters M1”x25 PP and FF 1” brass elbow

*Vertical kit accessories: M1” F1 1/4” telescopic tube kit, height 1.90m with filter built-in, 4m antistatic delivery hose Ø25 double layer, special for diesel, with adapters in both ends

AG-88 (0.74kW) · 230VCA 80-100 L/MIN

- Self-suction - self-priming. Eccentric self-adjusting blades
- With recirculation bypass
- Suction: 5m · Delivery: 30m
- IP-55 protection
- 3m electric cable
- ON/OFF luminous switch

<table>
<thead>
<tr>
<th>Supply</th>
<th>Flow</th>
<th>Motor</th>
<th>Connections</th>
<th>Duty cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>230VCA</td>
<td>100 l/min</td>
<td>0.74kW</td>
<td>1”</td>
<td>S1 Continuous</td>
</tr>
</tbody>
</table>
AG-46 · 230VCA 50 L/Min

- Self-suction - self-priming. Eccentric self-adjusting blades
- With recirculation bypass
- Suction: 5m · Delivery: 30m
- 3m electric cable with approved plug
- It has built-in a cleaning steel filter of 352 micron
- ON/OFF luminous switch with IP-55 protection

Supply | Flow | Motor | Connections | Duty cycle
---|---|---|---|---
230VCA | 50 l/min | 0.25kW | 1° | S1 Continuous
110VCA | | | | Continuous

**Flange available as an option extra**

**AG-46 PUMP BARREL KITS**

*Horizontal kit accessories: 4m antistatic delivery hose Ø3/4” double layer, special for diesel, with adapters in both ends, 1.70m elbow hose Ø25 special for diesel, 2 brackets 25x40, adapter M1”x25 PP and PP lower filter*

*Vertical kit accessories: M1” F1 1/4” telescopic tube kit, height 1.90m with filter built-in, 4m antistatic delivery hose Ø3/4” double layer, special for diesel, with adapters in both ends and MF” brass elbow*

**AG-88 (0.74kW) PUMP BARREL KITS**

*Vertical kit accessories: M1” F1 1/4” telescopic tube kit, height 1.90m with filter built-in, 4m antistatic delivery hose Ø3/4” double layer, special for diesel, with adapters in both ends*
AG-500 · 230VCA 50 L/MIN

- Self-suction - self-priming, explosion proof, eccentric self-adjusting blades
- With recirculation bypass
- Suction: 5m
- IP-55 protection
- Certificate Exd IIB T4 ISPEP02 ATEX036
- With thermal protector
- ON/OFF Switch

<table>
<thead>
<tr>
<th>Supply</th>
<th>Flow</th>
<th>Motor</th>
<th>Connections</th>
<th>Duty cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>230VCA</td>
<td>50 l/min</td>
<td>0.18kW</td>
<td>3/4&quot;</td>
<td>S2 30'</td>
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</tbody>
</table>

SAG-500 · PUMP WITH LITRE METER

<table>
<thead>
<tr>
<th>Pump</th>
<th>Meter</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-500</td>
<td>MJ-80V Mechanical Viton joints</td>
<td>Metallic nº 3</td>
</tr>
</tbody>
</table>

AG-800 · 230VCA 80 L/MIN

- Self-suction - self-priming, explosion proof, eccentric self-adjusting blades
- With recirculation bypass
- Suction: 5m
- IP-55 protection
- Certificate Exd IIB T4 ISPEP02 ATEX036
- With thermal protector
- ON/OFF Switch

<table>
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<tr>
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<th>Duty cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>230VCA</td>
<td>80 l/min</td>
<td>0.37kW</td>
<td>1&quot;</td>
<td>S2 30'</td>
</tr>
</tbody>
</table>

SAG-800 · PUMP WITH LITRE METER

<table>
<thead>
<tr>
<th>Pump</th>
<th>Meter</th>
<th>Base</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-800</td>
<td>MJ-80V Mechanical Viton joints</td>
<td>Metallic nº 4</td>
</tr>
</tbody>
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BT-87 · Self-suction drill pump

- It is adapted to any type of hand-held or professional drill (2000/2500rpm); it can be connected to Ø24mm hose.
- Maximum transfer capacity: 3.600l/h
- Suction: up to 1.5m - Delivery: 25m (500W)
- Flow: according to the drill revolutions (max. 60 l/min)
- Pump body, blades and rotor: injected in plastic

Manual pumps

BP-5
Manual lever pump

Manual lever pump for transferring diesel, all type of lubricants and other non-corrosive fluids from barrels of 50 to 200 litres.

Manual bellow pumps

Made of plastic. They are suitable for the transfer of aggressive, chemical liquids, solvents, petrol, diesel, water and wine.

TMG-040
- Tube pump of 0.4m for 50 litre barrel
- Flow: 6 l/min (it depends on the piston-stroke)

TMG-080
- Tube pump of 0.8m for 200 litre barrel
- Flow: 20 l/min (it depends on the piston-stroke)

TMG-150
- Flexible pump 1.5m
- Flow: 6 l/min (it depends on the piston-stroke)

BMP-1
Manual piston pump with double action

The manual piston pump of double action is suitable for diesel, oil, fuel, alcohol, printing solvents and petrol.
- Capacity: 1 litre per stroke
- Aluminium body

BRM-88
Manual aluminium rotary pump

- Transfer of lubricants and fuels
- It is adaptable to barrels from 50 to 200 litres
- It has built-in an M2" adapter adjustable on height for the barrel fixation
- Capacity: 20 litres/70 rounds
- Material body: tempered aluminium alloy
**FG-2 · Transparent filter**
- Water decanter: by water repellent filtering paper, with water decanting of 93%
- Transfer capacity: 105 l/min
- Upper filter housing: Plastic PA+fibreglass, with F1° BSP metallic connections
- Housing: OR Cristal
- Inlet / Outlet: F1° BSP
- Manual drain valve in the vessel to empty the impurities
- It is supplied with a picture box with EAN-13 bar code and with a key for replacing the cartridge

**FG-2G · Transluclid filter**
- Water decanter: by water repellent filtering paper, with water decanting of 93%
- Transfer capacity: 105 l/min
- Upper filter housing: Plastic PA+fibreglass, with F-212 F1° BSP metallic connections
- Housing: PA translucent colour
- Inlet / Outlet: F1° BSP
- Manual drain valve in the vessel to empty the impurities
- It is supplied with a picture box with EAN-13 bar code and with a key for replacing the cartridge

**FG-10 · Transparent filter**
- Flow: 210 l/min
- Transparent vessel: PA + fibreglass
- Inlet / Outlet: F1 1/2° GAS (BSP)
- Vacuum gauge: -1 +3bar
- Manual lower drain valve to empty impurities
- Automatic degasifier

**FG-10M · Metallic pressure filter**
- Flow: 210 l/min
- Filter vessel: Stainless Steel
- Inlet / Outlet: F1 1/2° BSP
- Vacuum gauge: -1 +9bar
- Manual lower drain valve to empty impurities

**MG-80 · Mechanical meter**
- Flow: 10-90 l/min
- Accuracy: +/- 1%
- Partial indicator of 3 digits and totalizer of 6 digits
- Maximum operation pressure: 3.5 bar
- Polyamide + Fibreglass housing
- Connection 1° GAS (BSP) with 3 inlets and 2 outlets
- It is supplied with 2 additional Male/Female 1° GAS (BSP) adapters (other threads under order)
- For private use, not suitable for commercial operations

**MGE-80 · Electronic meter**
- Flow: 10-90 l/min
- Accuracy: +/- 1%
- Liquid crystal high luminosity Display
- 1 lithium button battery of 3V CR2450
- Maximum operation pressure: 3.5 bar
- Polyamide + Fibreglass housing
- Connection 1° GAS (BSP) with 3 inlets and 2 outlets
- For private use, not suitable for commercial operations

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Electronic meters

- Electronic meter with high accuracy oval gears
- Partial indicator of 4 digits and 2 decimals, totalizer of 6 digits
- Maximum operation pressure: 50 bar
- Accuracy: +/- 0.5% + 2 digits
- It is suitable for the lubricant measuring up to SAE-140 density
- Low battery alarm

MGE-40
- Flow: 2-40 l/min
- Connection: H 1/2"

MGE-50
- Flow: 4-50 l/min
- Connection (flange): H 3/4"

MGE-100
- Flow: 7-100 l/min
- Connection (flange): H 1"

MGE-150
- Flow: 10-150 l/min
- Connection (flange): H 1 1/2"

Pulsers

- Pulsar: for line mounting that makes easier the exact information to management and fluid control systems.

MGI-40
- 40 L/MIN

MGI-50
- 50 L/MIN

MGI-100
- 100 L/MIN

MGI-150
- 150 L/MIN

PMGE-40 · Complete electronic oil control valve

Ergonomic nozzle-meter with hand protector. It avoids the accidental trigger opening. It is made of high resistance plastic with fiberglass.
- F1/2” GAS (BSP) rotary swivel
- “Quick exchange” system of the different types of outlets

PG-40 · Hand oil control valve

This manual nozzle for the lubricant supply with hand protector is equipped with F1/2” GAS (BSP) rotary swivel and “quick exchange” ACR system of the different types of outlets.

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SM · Midi mechanical supply kits

Composed of:
- Chassis made of steel. High epoxid brilliant paint.
- Weatherproof.
- 4m antistatic delivery hose Ø19 or 25 (it depends on the pump) double layer, special for diesel with adapters on both ends

<table>
<thead>
<tr>
<th>Pumps</th>
<th>Meter</th>
<th>Nozzles</th>
<th>Flow l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-46 230vCA</td>
<td>MG-80 Mechanical</td>
<td>PA-60 Automatic</td>
<td>40-50</td>
</tr>
<tr>
<td>AG-88 230vW</td>
<td>MGE-80 Electronic</td>
<td>PA-80 Automatic</td>
<td>40-50</td>
</tr>
</tbody>
</table>

SM-4680 70-80 40-50
SM-8880 70-80 40-50
SM-50080 60-70 40-50
SM-80080 PETROL 60-70

SE · Midi electronic supply kits

<table>
<thead>
<tr>
<th>Pumps</th>
<th>Meter</th>
<th>Nozzles</th>
<th>Flow l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG-46 230vCA</td>
<td></td>
<td></td>
<td>40-50</td>
</tr>
<tr>
<td>AG-88 230vW</td>
<td></td>
<td></td>
<td>70-80</td>
</tr>
</tbody>
</table>

SE-4680 70-80 40-50
SE-8880 70-80 40-50
SE-50080 60-70 40-50
SE-80080 60-70 40-50

Because of constant innovations and development, T-T PUMPS Ltd reserves the right to change the technical specifications of its products and publicity without prior notice.
Mini supply kits

MSGM · Mini mechanical supply kits

Composed of:
- 4m antistatic delivery hose Ø 19 or 25 (it depends on the pump) double layer, special for diesel with adapters on both ends

<table>
<thead>
<tr>
<th>Pumps</th>
<th>Meter</th>
<th>Nozzles</th>
<th>Flow l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSGM-3580</td>
<td>MGE-80</td>
<td>PA-80</td>
<td>35-45</td>
</tr>
<tr>
<td>MSGM-4680</td>
<td>MGE-80</td>
<td>PA-80</td>
<td>40-50</td>
</tr>
<tr>
<td>MSGM-8880</td>
<td>MGE-80</td>
<td>PA-80</td>
<td>70-80</td>
</tr>
<tr>
<td>MSGM-50080</td>
<td>MGE-80</td>
<td>PA-80</td>
<td>45-50</td>
</tr>
<tr>
<td>MSGM-90080</td>
<td>MGE-80</td>
<td>PA-80</td>
<td>70-80</td>
</tr>
</tbody>
</table>

MINI 46K · MINI 88K · Mini electronic supply kits

The MINI supply kit has built-in the GK-7 ELECTRONIC OWN CONSUMPTION CONTROLLER suitable for:
- Supply control, allowing its use only to authorized personnel
- User and/or vehicle identification through codes and/or identification key
- Supply with or without litre preset

- GK-7 communication kit via MEMORY KEY (software + converter + 1 memory key)
- GK-7 communication kit via CABLE (software + converter)
- GK-7 communication kit via ETHERNET (software + converter)
- GK-7 communication kit via MODEM/GSM (software + converter)

<table>
<thead>
<tr>
<th>Pumps</th>
<th>Users</th>
<th>Memory/Services</th>
<th>Flow l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINI 46K-60</td>
<td>60</td>
<td>200</td>
<td>45-50</td>
</tr>
<tr>
<td>MINI 46K-130</td>
<td>130</td>
<td>500</td>
<td>70-90</td>
</tr>
<tr>
<td>MINI 88K-60</td>
<td>60</td>
<td>200</td>
<td>45-50</td>
</tr>
<tr>
<td>MINI 88K-130</td>
<td>130</td>
<td>500</td>
<td>70-90</td>
</tr>
</tbody>
</table>

Electronic high accuracy supply kits

STE-80CE · STE-80CED 230/400VAC · ELECTRONIC SUPPLY KIT (80 l/min)

Kit with electric protection of increased security, special for diesel.
Composed of:
- Hydraulic Group (1 STE-80CE - 2 STE-80CED): aluminum pump body
- Meter: with positive displacement of 4 pistons. Accuracy: 0.2%
- Motor:
  - 1kW 230/400VAC · motor EEExd with ATEX certificate, 3ph, with IP-55 protection; or
  - 0.90kW 230VAC · motor EEExd with ATEX certificate, single-phase, with IP-55 protection
EL-1 Electronic display

<table>
<thead>
<tr>
<th>Flow 70/80 l/min</th>
<th>STE-80CE</th>
<th>STE-80CED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-phase</td>
<td>26083</td>
<td>26382</td>
</tr>
<tr>
<td>Triphasic</td>
<td>28081</td>
<td>26381</td>
</tr>
</tbody>
</table>
GK-7 · Own consumption controller

The GK-7 own consumption controller is suitable for controlling supply, allowing only authorised personnel to use it.
- Depending on the security level to be implemented, the user and/or vehicle identification through codes and/or identification key can be used.
- Supply with or without litre preset.

The kit allows to define different stages to be adjusted to your requirements:
- User identification: only identify the users. It is especially useful for cooperatives were you want to identify only the person who is supplying.
- Vehicle identification: only identify the vehicles. It is useful for installations where you only want to identify and control the vehicles and their consumption, without identifying the users.
- User and Vehicle identification: A more complete system, offering a higher security level. It is especially useful for installations with a high number of users and/or vehicles, or where the users frequently change the vehicle.

<table>
<thead>
<tr>
<th>Users</th>
<th>Vehicles</th>
<th>Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>GK-7-60</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>GK-7-130</td>
<td>130</td>
<td>130</td>
</tr>
<tr>
<td>GK-7-1000</td>
<td>1000</td>
<td>1000</td>
</tr>
</tbody>
</table>

The data are stored in memory and can be passed to a PC through communication by:
- GK-7 communication kit via CABLE (software + converter)
- GK-7 communication kit via ETHERNET (software + converter)
- GK-7 communication kit via MODEM/GSM (software + converter)

From the PC you could input or cancel users and/or vehicles, consult the fuel stock, among other uses.
Own consumption controllers and supply kits with controllers

**Own consumption supply kit with GK-7 controller**
Flow: 70-130 l/min

Supply kit with ATEX components, especially for diesel, petrol and kerosene supply installations.

**Chasis:** Made of steel. High epoxy brilliant paint. Weatherproof.

Hydraulic group (1 SHK-70C - 2 SHK-70CD):
- Pump: Self-suction, eccentric self-adjusting blades with gas separator, flow: 70-80 l/min (SHK-70C), flow: 130 l/min (SHK-130C), recirculation bypass valve, anti-return valve and filter
- Meter: made of aluminium of 4 pistons with positive moving, accuracy: 0.2%, pulsar of 2 channels of 200 pulses per litre and mechanical totaliser.
- Motor: 1kW 230/400VAC - motor EEexd with ATEX certificate, 3ph, with IP-55 protection; or 0.90kW 230VAC - motor EEexd with ATEX certificate, single-phase, with IP-55 protection
- **Controller:** GK-7

The consult and configuration operations can be made from the PC, through the GK-7 SOFTWARE, or directly from the supply kit having the code or Supervisor key, that also could make the following:
- Enter or cancel users and/or vehicles, assign or change codes or identification keys (users and/or vehicles), calibrate the kit, consult the done supplies, consult and regularise the tank stock, shape communication and other controller options.

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**Double own consumption supply kit with GK-7 controller**
Flow: 70-130 l/min

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**Suction and delivery hoses**

### Double layer hose
- Anti-static hose Ø16 double layer, special for diesel
- Anti-static green hose Ø16 double layer, special for unleaded petrol EN1360
- Anti-static hose Ø19 double layer, special for diesel
- Anti-static hose Ø21 double layer, special for diesel
- Anti-static hose Ø25 double layer, special for diesel
- Anti-static hose Ø30 double layer, special for diesel
- Anti-static hose Ø40 double layer, special for diesel

**Optional**
- To put adapters on both ends of the hose

### Synthetic elbow hoses (diesel submersible)
- Synthetic elbow hose Ø16 length: 1.30m
- Synthetic elbow hose Ø21 length: 1.30m
- Synthetic elbow hose Ø21 length: 1.70m
- Synthetic elbow hose Ø25 length: 1.70m

### Transparent suction hoses
- Transparent suction hose Ø16
- Transparent suction hose Ø20
- Transparent suction hose Ø25
- Transparent suction hose Ø30
- Transparent suction hose Ø40

### Telescopic tube kits
- PP M3/4" F1” telescopic tube kit with filter, height: 0.98m
- PP M3/4" F1” telescopic tube kit with filter, height: 1.30m
- PP M1" F1 1/4” telescopic tube kit with filter, height: 0.98m
- PP M1" F1 1/4” telescopic tube kit with filter, height: 1.30m
- PP M1" F1 1/4” telescopic tube kit with filter, height: 1.90m
- PP M1" F1 1/4” telescopic tube kit with valve and filter, height: 0.98m
- PP M1" F1 1/4” telescopic tube kit with valve and filter, height: 1.90m
- PP M3/4" F1” telescopic tube kit without filter, height: 0.98m
- PP M1" F1 1/4” telescopic tube kit without filter, height: 1.90m

### Metallic tube suction kit with check valve and filter
- Suction Kit with check valve and filter 1", height: 1.35m
- Suction Kit with check valve and filter 1", height: 1.65m
- Suction Kit with check valve and filter 1", height: 1.70m
- Suction Kit with check valve and filter 1", height: 1.90m
- Suction Kit with check valve and filter 1 1/4", height: 1.65m
- Suction Kit with check valve and filter 1 1/4", height: 1.90m
- Suction Kit with check valve and filter 1 1/4", height: 2.30m
- Suction Kit with ball valve, filter 1 1/4" and anti-siphon valve, height: 1.65m
- Suction Kit with ball valve, filter 1 1/4" and anti-siphon valve, height: 1.90m
- Suction Kit with check valve, filter 1" and adapter plug for tank of 1.000 litres, height: 1m

### Metallic tube suction kits with filter
- Suction Kit with filter 3/4", height: 1.40m
- Suction Kit with filter 3/4", height: 1.70m
- Suction Kit with filter 1", height: 1.40m
- Suction Kit with filter 1", height: 1.70m

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Suction and delivery hoses

Gravity tank kit

Composed of:
MF1* ball valve, FUP-1 FF1* filter, 5m delivery hose Ø25mm and PSF-040 manual nozzle

Flanges

Flange kit

Special plastic flange with PA + fibreglass to adapt the GESPASA meters, both mechanical and electronic, to pumps and/or pipes.

- M1* short union flange kit
- M1* long union flange kit

Optional
- Stainless Steel filter-sieve of 352 micron Ø33mm
  (for the flange interior)

It is optionally supplied with Stainless Steel filter-sieve of 352 micron to avoid impurities entering of impurities the meter inner.

F1" Aluminium flange kit

Special aluminium flange for the quick coupling of the pump and/or the tube in any type of installation.

Metallic bases, platforms, supports and enclosures

Supply kits bases

Sheet plate bases to put the pumping kits or to fix on the wall or on any surface. Finish in brilliant epoxid paint in RAL 3020 red colour. It has a nozzle hanger with rubber protection.

- Base nº 3
- Base nº 4

Tank platforms

Sheet platform to install the supply kits on the tanks. Finish with brilliant epoxid paint of RAL 9010 white colour or galvanized sheet.

- Polyethylene tank platform
- Galvanized polyethylene tank platform

Because of constant innovations and development, T-T PUMPS Ltd reserves the right to change the technical specifications of its products and publicity without prior notice.
**Universal support**

Zinc-plated sheet support to fix the pumping kits in the polypropylene tanks of 1,000 litres "with metallic framework" and the steel double wall tanks. It can also be fixed on the wall.

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**Funnels**

Made of polypropylene, suitable for use with hydrocarbon and chemical products use (please, ask for other liquids).

- Ø240mm in plastic
- Ø160mm in plastic
- Ø70mm in plastic
- Ø52mm funnel sieve (Ø240 and 160mm stainless mesh) of 352 micron
- PIN funnel union (for 3 funnels)
- Set of 3 funnels of different diameter with PIN union

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**Lubricant Pumps and Kits**

**EA-88 (0.37kW) - 230VCA 20-25L/MIN**

- Gear self-suction
- With recirculation bypass system
- Suction: 2.5m - Delivery: 40m
- Oil flow: 20-25 l/min (SAE-20/50W at 25°C)
- Consumption: 2-4A
- With thermal protector
- ON/OFF switch
- 3m connection cable 230VAC with injected plug
- Max. viscosity: SAE 80

**EA-88 (0.74kW) - 230VCA 20-25L/MIN**

- Gear self-suction
- With recirculation bypass system
- Suction: 2.5m - Delivery: 40m
- Oil flow: 20-25l/min (SAE-20/50W at 25°C)
- Consumption: 4-6A
- With thermal protector
- ON/OFF switch
- 3m connection cable 230VAC with injected plug
- Max. viscosity: SAE 140

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**Supply** | **Flow** | **Motor** | **Connections** | **Duty cycle**
---|---|---|---|---
230VCA | 20-25l/min | 0.37kW | 1/2" GAS | 30'

**Supply** | **Flow** | **Motor** | **Connections** | **Duty cycle**
---|---|---|---|---
230VCA | 20-25l/min | 0.74kW | 1/2" GAS | 30'
EA-88 PUMP BARREL KITS

EA-88 (0.37kW) Electric kit for 200 litre barrel

- Equipped with:
  - 4m R1 Ø1/2" delivery hose with adapters in both ends
  - 1m transparent suction hose Ø3/4" with valve and York filter built-in and bung adapter (two threads)
  - 2 universal hook set to hang the nozzle and the hose

<table>
<thead>
<tr>
<th>Pump</th>
<th>Accessories</th>
<th>Nozzles</th>
</tr>
</thead>
<tbody>
<tr>
<td>KDE-200</td>
<td>K200</td>
<td>PG-40 PMGE-40</td>
</tr>
<tr>
<td>KDE-200E</td>
<td>K200E</td>
<td>PG-40 PMGE-40</td>
</tr>
</tbody>
</table>

Accessories:
- 4m R1 Ø1/2" delivery hose with adapters in both ends
- 1m transparent suction hose Ø3/4" with valve and York filter built-in and bung adapter (two threads)
- 2 universal hook set to hang the nozzle and the hose

Electric dispenser kit for 1000 litre tank

- Equipped with:
  - 6m R1 Ø1/2" delivery oil hose
  - 3/4" metallic tube kit, height 1m with filter built-in
  - 2" bung adapter (two threads) and tank adapter plug
  - Metallic tank support with nozzle hanger

<table>
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<tr>
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<th>Nozzles</th>
</tr>
</thead>
<tbody>
<tr>
<td>KDE-1000</td>
<td>KDE-1000E</td>
<td>PG-40 PMGE-40</td>
</tr>
</tbody>
</table>

EA-90 (0.40kW) · 12/24VCC

- Gear self-suction
- With recirculation bypass system
- Suction: 2.5m Delivery: 40m
- Flow: 20-25l/min (SAE-20/50W at 25°C)
- S1 continuous duty
- IP-55 protection
- Consumption: 20-35A (12VDC) · 24-30A (24VDC)
- With clamps for 12 or 24VDC battery connection with 2m of cable

Supply: 12/24VCC
Flow: 20-25l/min
Motor: 0.40kW
Connections: 1/2" GAS
Duty cycle: 30’

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