

01 / Diesel self-suction pumps

P. 24 → Flow curves · Self-suction pumps

P. 97 → Accessories

- Ⓢ DIESEL
- Ⓢ BIODIESEL

IRON-50 110/230 VAC

50 l/min

0.25 kW

F1" BSP

Self-suction - self-priming pump with self-adjusting blades and recirculation bypass and anti-rust treatment.



TECHNICAL DATA

Free flow:	50 l/min
Motor:	0.25 kW · 50/60 Hz · self-ventilated
Operation:	S1 continuous
Motor speed:	3,000 rpm (50 Hz) · 3,600 rpm (60 Hz)
Protection:	IP-55
Max. suction length:	2.7 m
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	225x146x185 mm
Net weight (approx.):	8.5 kg

PACKAGING

180x240x260 mm LxWxH (approx.)
9.1 kg (approx.)
100 units / pallet (EUR-pallet)

COMPONENTS

- › 3 m electric cable with approved plug
- › ON/OFF luminous switch
- › Stainless steel filter of 350 µm

	Consumption	Fluids	
IRON-50 110 VAC	5-7 A	Ⓢ	00192-CF00000
IRON-50 230 VAC	1.2-2 A	Ⓢ	00190-CF00000
IRON-50 230 VAC · VITON · B100	1.2-2 A	Ⓢ	00190-CF00100

Optional

① F1" aluminium flange kit with DIN.912 Allen screw	800003022
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IRON-50 12/24 VDC

50 l/min0.30 kW F1" BSP

Self-suction - self-priming pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA

Free flow:	50 l/min
Motor:	0.30 kW · self-ventilated
Operation:	S2 60'
Motor speed:	3,000 rpm
Protection:	IP-55
Max. suction length:	2.7 m
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	200x160x137 mm
Net weight (approx.):	4.8 kg

COMPONENTS

- › 2 m cable with clamps
- › ON/OFF switch
- › Stainless steel filter of 350 µm



PACKAGING

- 180x240x260 mm
LxWxH (approx.)
- 5.2 kg
(approx.)
- 100 units / pallet
(EUR-pallet)

	Consumption	Fluids	
IRON-50 12 VDC	18-24 A	Ⓢ	00001-CF00000
IRON-50 24 VDC	9-17 A	Ⓢ	00011-CF00000
IRON-50 12 VDC · VITON · B100	18-24 A	Ⓢ	00001-CF00100
IRON-50 24 VDC · VITON · B100	9-17 A	Ⓢ	00011-CF00100

Optional

① F1" aluminium flange kit with DIN.912 Allen screw	800003022
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IRON-75 230 VAC

75 l/min0.5 kW F1" BSP

Self-suction - self-priming pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA

Free flow:	75 l/min
Motor:	0.5 kW · 50/60 Hz · self-ventilated
Operation:	S1 continuous
Motor speed:	3,000 rpm (50 Hz) · 3,600 rpm (60 Hz)
Protection:	IP-55
Max. suction length:	2.7 m
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	225x146x185 mm
Net weight (approx.):	8.5 kg

COMPONENTS

- › 3 m electric cable with approved plug
- › ON/OFF luminous switch
- › Stainless steel filter of 350 µm



PACKAGING

- 180x240x260 mm
LxWxH (approx.)
- 9.1 kg
(approx.)
- 100 units / pallet
(EUR-pallet)

	Consumption	Fluids	
IRON-75 230 VAC	1.9-4.5 A	Ⓢ	00350-CF00000
IRON-75 230 VAC · VITON · B100	1.9-4.5 A	Ⓢ	00350-CF00100

Optional

① F1" aluminium flange kit with DIN.912 Allen screw	800003022
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AG-90 12/24 VDC

80 l/min

0.37 kW

F1" BSP

Self-suction - self-priming pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA

Free flow:	80 l/min
Motor:	0.37 kW · self-ventilated
Operation:	S1 continuous
Motor speed:	1,500 rpm
Protection:	IP-55
Max. suction length:	2.7 m
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	370x165x175 mm
Net weight (approx.):	15.5 kg

COMPONENTS

- › 3 m cable with clamps
- › Models with switch to disconnect the motor



PACKAGING

- 230x415x340 mm
LxWxH (approx.)
- 16.3 kg
(approx.)
- 50 units / pallet
(EUR-pallet)

	Consumption	Fluids	
AG-90 12 VDC	35-53 A	Ⓢ	00040-CF00000
AG-90 24 VDC	24-32 A	Ⓢ	00050-CF00000
AG-90 12 VDC · SWITCH	35-53 A	Ⓢ	00042-CF00000
AG-90 24 VDC · SWITCH	24-32 A	Ⓢ	00052-CF00000

Optional

- ① F1" aluminium flange kit with DIN.912 Allen screw

800003022

AG-100 230 VAC

100 l/min

1 kW

F1" BSP

Self-suction - self-priming pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA

Free flow:	100 l/min
Motor:	1 kW · 50/60 Hz · self-ventilated
Operation:	S1 continuous
Motor speed:	1,500 rpm (50 Hz) · 1,800 rpm (60 Hz)
Protection:	IP-55
Max. suction length:	2.7 m
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	365x165x245 mm
Net weight (approx.):	15.15 kg

COMPONENTS

- › 3 m electric cable with approved plug
- › ON/OFF luminous switch



PACKAGING

- 230x415x340 mm
LxWxH (approx.)
- 16.15 kg
(approx.)
- 50 units / pallet
(EUR-pallet)

	Consumption	Fluids	
AG-100 230 VAC	5.5 A	Ⓢ	00360-CF00000
AG-100 230 VAC · VITON · B100	5.5 A	Ⓢ	00360-CF00100

Optional

- ① F1" aluminium flange kit with DIN.912 Allen screw

800003022

Monsterpump-200

24 VDC · 230 VAC

200 l/min

0.74 kW · 2 kW

1 ½" BSP

Self-suction - self-priming pump group with self-adjusting blades composed of two pumps.

TECHNICAL DATA

Free flow: 200 l/min
Operation: S1 continuous
Motor speed: 1,500 rpm
Protection: IP-55
Max. suction length: 2.7 m
Connection: F1 ½" BSP threads

COMPONENTS

- › Two AG-90 24 VDC pumps or two AG-100 230 VAC pumps
- › ON/OFF switch



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Ⓢ DIESEL
Ⓢ BIODIESEL

	Total motors	Consumption	Dimensions (approx.)	Net weight (approx.)	Fluids	
MONSTERPUMP-200 24 VDC	0.74 kW	30-47 A	440x410x460 mm	35 kg	Ⓢ	000900000
MONSTERPUMP-200 230 VAC	2 kW	7-12 A	400x350x550 mm	44.5 kg	Ⓢ	00092-CF00000

Optional

MONSTERPUMP-200 230 VAC with mobile trolley	00092-CF00010
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BAG-800 230 VAC

100-150 l/min

1,1 kW

1 ½" BSP

Self-suction - self-priming pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA

Free flow: 150 l/min
Motor: 1.1 kW
Operation: S1 continuous
Motor speed: 1,410 rpm
Protection: IP-55
Connection: F1 ½" BSP
Dimensions (approx.): 390x530x300 mm
Net weight (approx.): 34.5 kg

COMPONENTS

- › 3 m cable



	Consumption	Meter	Fluids	
BAG-800 230 VAC	6.9 A	no	Ⓢ	27670-CF00000
SBAG-800E 230 VAC · IP-55 pump with electronic volume gear meter	6.9 A	MGE-250	Ⓢ	27531-CF00000

02 / Self-suction explosionproof pumps

P. 24 → Flow curves · Self-suction pumps

P. 97 → Accessories

- Ⓢ DIESEL
- Ⓢ PETROL

IRON-45 Ex 110/230 VAC · 12/24 VDC

42-49 l/min

0.12 kW

F1" BSP

Self-suction - self-priming explosionproof pump with self-adjusting blades and recirculation bypass and anti-rust treatment.



TECHNICAL DATA

EExd Motor:	0.12 kW
Operation:	S2 30'
Motor speed:	2,800 rpm
Protection:	IP-55
ATEX Category:	II 2G Ex db IIA T4 Gb
Max. suction length:	2 m
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	283x143x140 mm
Net weight (approx.):	7 kg

PACKAGING

310x320x230 mm
LxWxH (approx.)
7.1 kg
(approx.)
64 units / pallet
(EUR-pallet)

COMPONENTS

- › 3 m cable
- › ON/OFF switch

	Free flow	Consumption	Fluids	
IRON-45 Ex 110 VAC	42 l/min	2.1 A	Ⓢ Ⓢ	10290-CF00000
IRON-45 Ex 230 VAC	42 l/min	1 A	Ⓢ Ⓢ	10230-CF00000
IRON-45 Ex 12 VDC	49 l/min	15-25 A	Ⓢ Ⓢ	10210-CF00000
IRON-45 Ex 24 VDC	47 l/min	7-12 A	Ⓢ Ⓢ	10220-CF00000

Optional

① F1" aluminium flange kit with DIN.912 Allen screw (Viton)	800003068
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IRON-50 Ex 110/230 VAC ·
12/24 VDC

50 l/min

0.18 kW

F1" BSP

Self-suction - self-priming explosionproof pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA

Free flow:	50 l/min
EExd Motor:	0.18 kW
Operation:	S2 30'
Protection:	IP-55
ATEX Category:	II 2G Ex h IIB T4 Gb
Max. suction length:	2.7 m
Connection:	F1" BSP threads and flanges

COMPONENTS

- › 3 m cable
- › ON/OFF switch

	Consumption	Motor speed	Dimensions (approx.)	Net weight (approx.)	Fluids	
IRON-50 Ex 110 VAC	2.5 A	2,790 rpm	250x165x150 mm	11.8 kg	⊕ ⊕	10036-CF00000
IRON-50 Ex 230 VAC	11.8 A	2,850 rpm	250x165x150 mm	11.8 kg	⊕ ⊕	10035-CF00000
IRON-50 Ex 12 VDC	20-27 A	3,000 rpm	270x165x150 mm	11.8 kg	⊕ ⊕	10063-CF00000
IRON-50 Ex 24 VDC	10-14 A	3,000 rpm	270x165x150 mm	11.8 kg	⊕ ⊕	10153-CF00000

Optional

① F1" aluminium flange kit with DIN.912 Allen screw (Viton)	800003068
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PACKAGING

- Ⓛ 410x230x340 mm
LxWxH (approx.)
- Ⓢ 13.7 kg
(approx.)
- 🚚 50 units / pallet
(EUR-pallet)

02 /
Self-suction
explosionproof
pumps

P. 24 → Flow curves ·
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- ⊕ DIESEL
- ⊕ PETROL

AG-800 110/230 VAC ·
AG-900 12 VDC

80 l/min

0.37 kW

F1" BSP

Self-suction - self-priming explosionproof pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA

Free flow:	80 l/min
EExd Motor:	0.37 kW
Protection:	IP-55
ATEX Category:	II 2G Ex h IIB T4 Gb
Max. suction length:	2.7 m
Connection:	F1" BSP threads and flanges

COMPONENTS

- › 3 m cable (AG-800) · 1.5 m cable (AG-900)
- › ON/OFF switch

	Consumption	Operation	Motor speed	Dimensions (approx.)	Net weight (approx.)	Fluids	
AG-800 110 VAC	2.3-3.5 A	S2 30'	1,430 rpm	350x165x155 mm	17.4 kg	⊕ ⊕	10042-CF00000
AG-800 230 VAC	2.3-3.5 A	S2 30'	1,430 rpm	350x165x155 mm	17.4 kg	⊕ ⊕	10040-CF00000
AG-900 12 VDC	42-50 A	S2 30'	1,650 rpm	400x165x155 mm	19 kg	⊕ ⊕	10070-CF00000

Optional

① F1" aluminium flange kit with DIN.912 Allen screw (Viton)	800003068
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PACKAGING

- Ⓛ 410x230x330 mm
LxWxH (approx.)
- Ⓢ AG-800: 18.3 kg · AG-900: 19.8 kg
(approx.)
- 🚚 50 units / pallet
(EUR-pallet)

02 /
Self-suction
explosionproof
pumps

P. 24 → Flow curves ·
Self-suction pumps

P. 36 → MGE-250

P. 97 → Accessories

Ⓢ DIESEL
Ⓢ PETROL

BAG-800 Ex 230 VAC ·
230/400 VAC

150 l/min 1 kW 1 ½" BSP

Self-suction - explosionproof pump with self-adjusting blades and recirculation bypass and anti-rust treatment.

TECHNICAL DATA	
Free flow:	150 l/min
EExd Motor:	1 kW
Operation:	S1 continuous
Motor speed:	1,410 rpm
Protection:	IP-55
ATEX Category:	II 2G EExd IIB T3
Connection:	F1 ½" BSP threads and flanges
Dimensions (approx.):	390x515x235 mm
Net weight (approx.):	33.5 kg

COMPONENTS
› 3 m cable



	Consumption	Meter	Fluids	
BAG-800 Ex 230 VAC	5.7-6.3 A	no	Ⓢ Ⓢ	27580-CF00000
BAG-800 Ex 230/400 VAC	3.3-5.8 A	no	Ⓢ Ⓢ	27520-CF00000
SBAG-800E 230 VAC · Pump with electronic volume gear meter	5.7-6.3 A	MGE-250	Ⓢ	27600-CF00000
SBAG-800E 230/400 VAC · Pump with electronic volume gear meter	3.3-5.8 A	MGE-250	Ⓢ	275300000

Double BAG-800 kit
230 VAC · 230/400 VAC

260 l/min 1+1 kW 2" BSP

Self-suction - explosionproof pump group with self-adjusting blades composed of two pumps.

TECHNICAL DATA	
Free flow:	260 l/min
EExd Motor:	1+1 kW
Operation:	S1 continuous
Motor speed:	1,410 rpm
Protection:	IP-55
ATEX Category:	II 2G EExd IIB T3
Connection:	2" BSP with ball valve

COMPONENTS
› 3 m cable



	EExd Motor	Fluids	
BAG-800 230/400 V DOUBLE KIT	Triphase	Ⓢ Ⓢ	276300000
BAG-800 230 V DOUBLE KIT with mobile trolley	Single-phase	Ⓢ Ⓢ	276400000
BAG-800 230 V DOUBLE KIT	Single-phase	Ⓢ Ⓢ	276600000

03 /

Self-suction pump supply kits

Kits without base

50-100 l/min

12/24 VDC · 110/230 VAC

Supply kits with pump and electronic or mechanical volume meter.



- P. 10 → Diesel self-suction pumps
- P. 14 → Self-suction explosionproof pumps
- P. 35 → MGE-110
- P. 32 → Mechanical meters
- P. 88 → Manual & automatic nozzles
- P. 91 → Metallic tube suction kits

- DIESEL
- PETROL

COMPONENTS

- › Self-suction pump
- › Mechanical or electronic meter

	Pump	Flow	Fluids	Pump + MGE-110	Pump + MG-80	Pump + MG-80A
S-50 12 V	IRON-50 12 VDC	50 l/min		31273-CF00000	31014-CF00000	31014-CF00100
S-50 24 V	IRON-50 24 VDC	50 l/min		31273-CF00001	31014-CF00001	31014-CF00101
S-50 110 V	IRON-50 110 VAC	50 l/min		31612-CF00100	31594-CF00005	31595-CF00100
S-50 230 V	IRON-50 230 VAC	50 l/min		31612-CF00000	31594-CF00000	31595-CF00000
S-75 230 V	IRON-75 230 VAC	75 l/min		31931-CF00000	31930-CF00000	34323-CF00000
SAG-90 12 V	AG-90 12 VDC	80 l/min		31332-CF00000	31090-CF00000	31096-CF00003
SAG-90 24 V	AG-90 24 VDC	80 l/min		31332-CF00001	31090-CF00001	31096-CF00002
SAG-100 230 V	AG-100 230 VAC	100 l/min		31941-CF00000	31940-CF00000	31940-CF00100
	Pump	Flow	Fluids	Pump + MGE-110	Pump + MG-80	Pump + MG-80A
SA-50 Ex 12 V	IRON-50 Ex 12 VDC	50 l/min		-	-	31960-CF00000
SA-50 Ex 230 V	IRON-50 Ex 230 VAC	50 l/min		-	-	31950-CF00000
SAG-800 Ex 230 V	AG-800 Ex 230 VAC	80 l/min		-	-	31262-CF00000
SAG-900 Ex 12 V	AG-900 Ex 12 VDC	80 l/min		-	-	33400-CF00000

Optional

PSF-040 manual nozzle + 4 m Ø19 mm (¾") delivery hose with adapters in both ends	803406072
PSF-040 manual nozzle + 4 m Ø25 mm (1") delivery hose with adapters in both ends	803406074
PA-60 automatic nozzle for diesel + 4 m Ø19 mm (¾") delivery hose with adapters in both ends	803406073
PA-80 automatic nozzle for diesel + 4 m Ø25 mm (1") delivery hose with adapters in both ends	803406075
PA-80 automatic nozzle for unleaded petrol + 4 m Ø19 mm (¾") delivery hose with adapters in both ends	803406147
PA-80 automatic nozzle for unleaded petrol + 4 m Ø25 mm (1") delivery hose with adapters in both ends	803406155
Metallic tube suction kits	

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Self-suction
pump supply
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suction pumpsP. 14 → Self-suction
explosionproof pumpsP. 32 → Mechanical
meters

P. 35 → MGE-110

P. 88 → Manual &
automatic nozzlesP. 99 → Bases for the
supply kitsP. 91 → Metallic tube
suction kits

Ⓢ DIESEL

Ⓢ PETROL

Kits with metallic base no. 4

50-100 l/min

12/24 VDC · 110/230 VAC

Supply kits assembled on a base to fix on the wall or any surface. Base with treatment to maximise corrosion protection.



COMPONENTS

- › Base with nozzle hanger and rubber protection
- › Self-suction pump
- › Mechanical or electronic meter

	Pump	Flow	Fluids	Pump + MGE-110	Pump + MG-80	Pump + MG-84A
S-50 12 V + Base no. 4	IRON-50 12 VDC	50 l/min	Ⓢ	30412-CF00000	30011-CF00000	30011-CF00200
S-50 24 V + Base no. 4	IRON-50 24 VDC	50 l/min	Ⓢ	30412-CF00001	30011-CF00001	30011-CF00201
S-50 110 V + Base no. 4	IRON-50 110 VAC	50 l/min	Ⓢ	30713-CF00003	30702-CF00001	30704-CF00001
S-50 230 V + Base no. 4	IRON-50 230 VAC	50 l/min	Ⓢ	30713-CF00000	30702-CF00000	30704-CF00000
S-75 230 V + Base no. 4	IRON-75 230 VAC	75 l/min	Ⓢ	33301-CF00000	33300-CF00000	33300-CF00200
SAG-90 12 V + Base no. 4	AG-90 12 VDC	80 l/min	Ⓢ	30474-CF00000	30120-CF00000	30120-CF00200
SAG-90 24 V + Base no. 4	AG-90 24 VDC	80 l/min	Ⓢ	30474-CF00001	30120-CF00001	30120-CF00201
SAG-100 230 V + Base no. 4	AG-100 230 VAC	100 l/min	Ⓢ	33321-CF00000	33320-CF00000	33320-CF00200
	Pump	Flow	Fluids	Pump + MGE-110	Pump + MG-80A	Pump + MG-84A
SA-50 Ex 12 V + Base no. 4	IRON-50 Ex 12 VDC	50 l/min	Ⓢ Ⓢ	-	33340-CF00000	33340-CF00100
SA-50 Ex 230 V + Base no. 4	IRON-50 Ex 230 VAC	50 l/min	Ⓢ Ⓢ	-	33330-CF00000	33330-CF00100
SAG-800 Ex 230 V + Base no. 4	AG-800 Ex 230 VAC	80 l/min	Ⓢ Ⓢ	-	33350-CF00000	33350-CF00100
SAG-900 Ex 12 V + Base no. 4	AG-900 Ex 12 VDC	80 l/min	Ⓢ Ⓢ	-	33360-CF00000	33360-CF00100

Optional

PSF-040 manual nozzle + 4 m Ø19 mm (3/4") delivery hose with adapters in both ends	803406072
PSF-040 manual nozzle + 4 m Ø25 mm (1") delivery hose with adapters in both ends	803406074
PA-60 automatic nozzle for diesel + 4 m Ø19 mm (3/4") delivery hose with adapters in both ends	803406073
① PA-80 automatic nozzle for diesel + 4 m Ø25 mm (1") delivery hose with adapters in both ends	803406075
PA-80 automatic nozzle for unleaded petrol + 4 m Ø19 mm (3/4") delivery hose with adapters in both ends	803406147
PA-80 automatic nozzle for unleaded petrol + 4 m Ø25 mm (1") delivery hose with adapters in both ends	803406155
Metallic tube suction kits	

Wall kits

50-100 l/min

12/24 VDC · 110/230 VAC

Supply kits with assembled on a wall support. "Easy lock" nozzle hanger that prevents the nozzle from being accidentally unhung.



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Self-suction pump supply kits

P. 10 → Diesel self-suction pumps

P. 14 → Self-suction explosionproof pumps

P. 32 → Mechanical meters

P. 35 → MGE-110

P. 88 → Manual & automatic nozzles

P. 98 → Wall support

- Ⓢ DIESEL
- Ⓢ PETROL

COMPONENTS

- › Zinc-plated sheet support with holes for an easy installation
- › Self-suction pump
- › With or without mechanical or electronic meter
- › Automatic nozzle
- › "Easy lock" nozzle hanger
- › Nozzle lock through padlock (padlock not included)
- › 4 m antistatic double layer delivery hose for diesel with adapters in both ends

	Pump	Flow	Nozzle	ø Hose	Fluids	Pump	Pump + MG-80A	Pump + MG-80A + FG100
S-50 12 V	IRON-50 12 VDC	50 l/min	PA-60	19 mm	Ⓢ	16051-CF00000	16051-CF00100	16051-CF00200
S-50 24 V	IRON-50 24 VDC	50 l/min	PA-60	19 mm	Ⓢ	16051-CF00050	16051-CF00150	16051-CF00250
S-50 110 V	IRON-50 110 VAC	50 l/min	PA-60	19 mm	Ⓢ	16050-CF00050	16050-CF00150	16050-CF00250
S-50 230 V	IRON-50 230 VAC	50 l/min	PA-60	19 mm	Ⓢ	16050-CF00000	16050-CF00100	16050-CF00200
S-75 230 V	IRON-75 230 VAC	75 l/min	PA-80	25 mm	Ⓢ	16052-CF00000	16052-CF00100	16052-CF00200
SAG-90 12 V	AG-90 12 VDC	80 l/min	PA-120	25 mm	Ⓢ	16054-CF00000	16054-CF00100	16054-CF00200
SAG-90 24 V	AG-90 24 VDC	80 l/min	PA-120	25 mm	Ⓢ	16054-CF00050	16054-CF00150	16054-CF00250
SAG-100 230 V	AG-100 230 VAC	100 l/min	PA-120	25 mm	Ⓢ	16053-CF00000	16053-CF00100	16053-CF00200
SA-50 Ex 12 V	IRON-50 Ex 12 VDC	50 l/min	PA-60	19 mm	Ⓢ Ⓢ	16055-CF00050	16055-CF00150	16055-CF00250
SA-50 Ex 230 V	IRON-50 Ex 230 VAC	50 l/min	PA-60	19 mm	Ⓢ Ⓢ	16055-CF00000	16055-CF00100	16055-CF00200
SAG-800 Ex 230 V	AG-800 Ex 230 VAC	80 l/min	PA-120	25 mm	Ⓢ Ⓢ	16056-CF00000	16056-CF00100	16056-CF00200
SAG-900 Ex 12 V	AG-900 Ex 12 VDC	80 l/min	PA-120	25 mm	Ⓢ Ⓢ	16056-CF00050	16056-CF00150	16056-CF00250

Optional

- ① MGE-110 · Electronic meter
- MG-80 · Mechanical meter
- MG-84A · Mechanical aluminium meter

P. 10 → Diesel self-
suction pumps

P. 32 → Mechanical
meters

P. 35 → MGE-110

P. 88 → Manual &
automatic nozzles

Ⓢ DIESEL

Horizontal kits

50-100 l/min

12/24 VDC · 110/230 VAC

Horizontal kits with the required elements for diesel transfer from a drum or tank. Easy installation.



COMPONENTS

- › Self-suction pump
- › With or without mechanical or electronic meter
- › Manual or automatic nozzle
- › 4 m antistatic double layer delivery hose for diesel with adapters in both ends
- › 1.70 m hose special for diesel
- › Foot filter
- › M1"x25 mm PP adapter
- › 2 x 25x40 mm brackets

	Pump	Flow	Nozzle	Fluids	Pump	Pump + MG-80	Pump + MGE-110
IRON-50H 12 V	IRON-50 12 VDC	50 l/min	PSF-040 manual	Ⓢ	16024-CF00000	16025-CF00000	16026-CF00000
IRON-50H 12 V	IRON-50 12 VDC	50 l/min	PA-60 automatic	Ⓢ	16024-CF00002	16025-CF00002	16026-CF00002
IRON-50H 24 V	IRON-50 24 VDC	50 l/min	PSF-040 manual	Ⓢ	16024-CF00001	16025-CF00001	16026-CF00001
IRON-50H 24 V	IRON-50 24 VDC	50 l/min	PA-60 automatic	Ⓢ	16024-CF00003	16025-CF00003	16026-CF00003
IRON-50H 110 V	IRON-50 110 VAC	50 l/min	PSF-040 manual	Ⓢ	16000-CF00100	16001-CF00100	16002-CF00100
IRON-50H 110 V	IRON-50 110 VAC	50 l/min	PA-60 automatic	Ⓢ	16000-CF00101	16001-CF00101	16002-CF00101
IRON-50H 230 V	IRON-50 230 VAC	50 l/min	PSF-040 manual	Ⓢ	16000-CF00000	16001-CF00000	16002-CF00000
IRON-50H 230 V	IRON-50 230 VAC	50 l/min	PA-60 automatic	Ⓢ	16000-CF00001	16001-CF00001	16002-CF00001
IRON-75H 230 V	IRON-75 230 VAC	75 l/min	PA-80 automatic	Ⓢ	16006-CF00001	16007-CF00001	16008-CF00001
AG-90H 12 V	AG-90 12 VDC	80 l/min	PA-80 automatic	Ⓢ	16012-CF00002	16013-CF00002	16014-CF00002
AG-90H 24 V	AG-90 24 VDC	80 l/min	PA-80 automatic	Ⓢ	16012-CF00003	16013-CF00003	16014-CF00003
AG-100H 230 V	AG-100 230 VAC	100 l/min	PA-80 automatic	Ⓢ	16018-CF00001	16019-CF00001	16020-CF00001

Vertical kits

50-100 l/min

12/24 VDC · 110/230 VAC

Vertical kits with the required elements for diesel transfer from a drum or tank.
Easy installation.

03 /
Self-suction
pump supply
kits

P. 10 → Diesel self-suction pumps

P. 32 → Mechanical meters

P. 35 → MGE-110

P. 88 → Manual & automatic nozzles

Ⓢ DIESEL



COMPONENTS

- › Self-suction pump
- › With or without mechanical or electronic meter
- › Manual or automatic nozzle
- › 4 m antistatic double layer delivery hose for diesel with adapters in both ends
- › Telescopic tube kit, height 1.90 m with filter built in

	Pump	Flow	Nozzle	Fluids	Pump	Pump + MG-80	Pump + MGE-110
IRON-50V 12 V	IRON-50 12 VDC	50 l/min	PSF-040 manual	Ⓢ	16027-CF00000	16028-CF00000	16029-CF00000
IRON-50V 12 V	IRON-50 12 VDC	50 l/min	PA-60 automatic	Ⓢ	16027-CF00002	16028-CF00002	16029-CF00002
IRON-50V 24 V	IRON-50 24 VDC	50 l/min	PSF-040 manual	Ⓢ	16027-CF00001	16028-CF00001	16029-CF00001
IRON-50V 24 V	IRON-50 24 VDC	50 l/min	PA-60 automatic	Ⓢ	16027-CF00003	16028-CF00003	16029-CF00003
IRON-50V 110 V	IRON-50 110 VAC	50 l/min	PSF-040 manual	Ⓢ	16003-CF00010	16004-CF00100	16005-CF00100
IRON-50V 110 V	IRON-50 110 VAC	50 l/min	PA-60 automatic	Ⓢ	16003-CF00100	16004-CF00101	16005-CF00101
IRON-50V 230 V	IRON-50 230 VAC	50 l/min	PSF-040 manual	Ⓢ	16003-CF00000	16004-CF00000	16005-CF00000
IRON-50V 230 V	IRON-50 230 VAC	50 l/min	PA-60 automatic	Ⓢ	16003-CF00001	16004-CF00001	16005-CF00001
IRON-75V 230 V	IRON-75 230 VAC	75 l/min	PA-80 automatic	Ⓢ	16009-CF00001	16010-CF00001	16011-CF00001
AG-90V 12 V	AG-90 12 VDC	80 l/min	PA-80 automatic	Ⓢ	16015-CF00002	16016-CF00002	16017-CF00002
AG-90V 24 V	AG-90 24 VDC	80 l/min	PA-80 automatic	Ⓢ	16015-CF00003	16016-CF00003	16017-CF00003
AG-100V 230 V	AG-100 230 VAC	100 l/min	PA-80 automatic	Ⓢ	16021-CF00001	16022-CF00001	16023-CF00001

03 /

Self-suction
pump supply
kits

- P. 10 → Diesel self-suction pumps
- P. 14 → Self-suction explosionproof pumps
- P. 32 → Mechanical meters
- P. 35 → MGE-110
- P. 88 → Manual & automatic nozzles
- P. 99 → Cabinets for external use

Ⓢ DIESEL

Kit Equipe · Kits with outdoor cabinet

50-100 l/min

12/24 VDC · 110/230 VAC

Kit assembled inside a cabinet for its protection. It can be equipped with a microfilter.



- COMPONENTS
- › Self-suction pump
 - › Electronic or mechanical meter
 - › With or without filter
 - › Outdoor cabinet made of steel with a lower opening to pass the hose, nozzle hanger and locking with key and/or padlock (padlock not included).

	Pump	FG-100 microfilter	Cabinet	Fluids	Pump + MGE-110	Pump + MG-80
Kit Equipe	IRON-50 230 VAC	Yes	AS-5B	Ⓢ	55051-CF00000	55050-CF00000
S-50 230 V kit	IRON-50 230 VAC	No	AS-5P	Ⓢ	55111-CF00000	55110-CF00000
S-75 230 V kit	IRON-75 230 VAC	No	AS-5P	Ⓢ	55251-CF00000	55250-CF00000
SAG-100 230 V kit	AG-100 230 VAC	No	AS-5B	Ⓢ	55041-CF00000	55040-CF00000

Diesel battery kit

50 l/min

12/24 VDC

Kit with the required elements for diesel transfer with a battery pump and a printed box.



COMPONENTS

- › Self-suction diesel battery pump
- › Manual nozzle
- › 4 m Ø19 mm antistatic double layer delivery hose for diesel with adapters in both ends
- › Foot filter with stainless mesh
- › 2 x 25x40 mm brackets
- › 1" PP adapter BSP
- › Supplied with a printed box

PACKAGING

- 350x305x195 mm
LxWxH (approx.)
- 8.25 kg
(approx.)
- 50 units / pallet
(EUR-pallet)

03 /
Self-suction
pump supply
kits

- P. 11 → IRON-50
12/24 VDC
- P. 46 → Foot filter
- P. 88 → Manual &
automatic nozzles
- P. 97 → Accessories

DIESEL

	Pump	Nozzle	Suction	Fluids	
Diesel battery kit 12 V	IRON-50 12 VDC	PSF-040 manual	No	⓪	14193-CF00000
Diesel battery kit 24 V	IRON-50 24 VDC	PSF-040 manual	No	⓪	14193-CF00001

04 / Flow curves · Self-suction pumps

P. 10 → IRON-50
110/230 VAC

P. 11 → IRON-50
12/24 VDC

P. 11 → IRON-75
230 VAC

P. 17 → Kits without
base

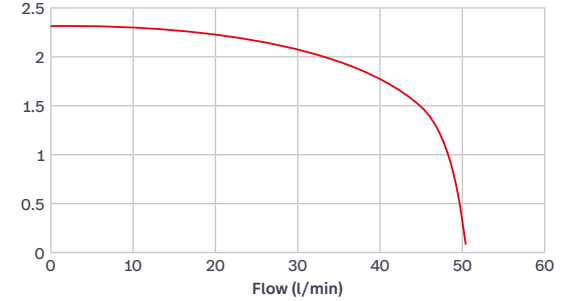
IRON-50 110/230 VAC

EQUIVALENCES CHART

	Free	PSF-040	PA-60
IRON-50 230 VAC	50 l/min 1.2 A	46 l/min 1.6 A	45 l/min 1.7 A
S-50 230 V	47 l/min 1.4 A	44 l/min 1.6 A	43 l/min 1.7 A

Connection: 1" · Suction: 2.7 m 1 1/4" · Delivery: 4 m 1"

Pressure · NPSH (bar)



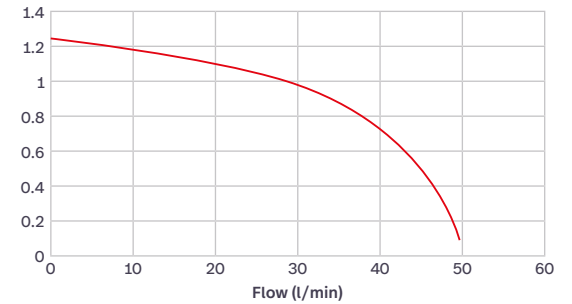
IRON-50 12/24 VDC

EQUIVALENCES CHART

	Free	PSF-040	PA-80
IRON-50 12 VDC	50 l/min 16 A	44 l/min 18 A	34 l/min 19 A
S-50 12 V	42 l/min 17 A	36 l/min 18 A	28 l/min 19 A
IRON-50 24 VDC	50 l/min 7.9 A	44 l/min 8.9 A	33 l/min 9.5 A
S-50 24 V	42 l/min 8.5 A	36 l/min 9.1 A	28 l/min 9.5 A

Connection: 1" · Suction: 2.7 m 1 1/4" · Delivery: 4 m 1"

Pressure · NPSH (bar)



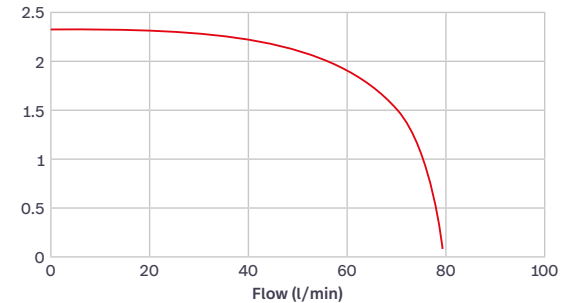
IRON-75 230 VAC

EQUIVALENCES CHART

	Free	PSF-040	PA-80
IRON-75 230 VAC	80 l/min 1.9 A	74 l/min 2.1 A	72 l/min 2.2 A
S-75 230 V	75 l/min 2 A	71 l/min 2.3 A	69 l/min 2.4 A

Connection: 1" · Suction: 2.7 m 1 1/2" · Delivery: 4 m 1 1/4"

Pressure · NPSH (bar)



AG-90 12/24 VDC

EQUIVALENCES CHART

	Free	PSF-040	PA-80	PA-120
AG-90 12 VDC	90 l/min 38 A	75 l/min 42 A	70 l/min 44 A	76 l/min 42 A
SAG-90 12 V	85 l/min 45 A	58 l/min 48 A	56 l/min 48 A	60 l/min 46 A
AG-90 24 VDC	92 l/min 30 A	78 l/min 32 A	72 l/min 33 A	80 l/min 31 A
SAG-90 24 V	68 l/min 34 A	60 l/min 35 A	57 l/min 36 A	62 l/min 35 A

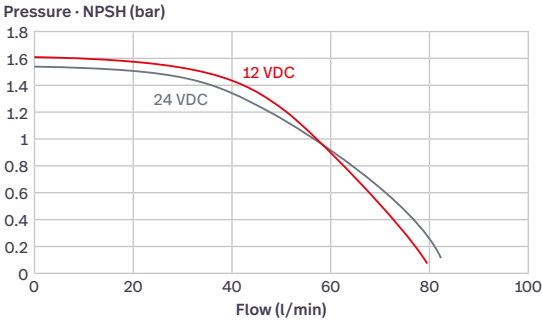
Connection: 1" · Suction: 2.7 m 1 ½" · Delivery: 4 m 1 ¼"

AG-100 230 VAC

EQUIVALENCES CHART

	Free	PSF-040	PA-80	PA-120
AG-100 230 VAC	96 l/min 3.9 A	85 l/min 5.1 A	85 l/min 4.8 A	88 l/min 4.1 A

Connection: 1" · Suction: 2.7 m 1 ½" · Delivery: 4 m 1 ¼"



04 /
Flow curves ·
Self-suction
pumps

P. 12 → AG-90 12/24
VDC

P. 12 → AG-100 230
VAC

P. 13 → BAG-800
230 VAC

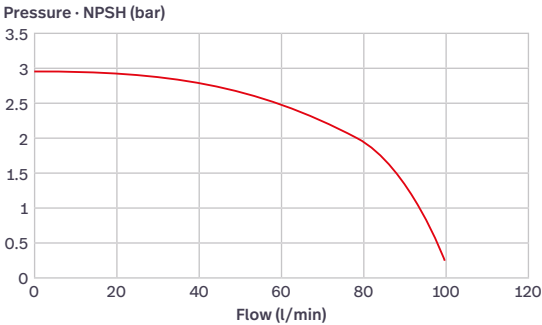
P. 14 → IRON-45 Ex
110/230 VAC · 12/24
VDC

P. 15 → IRON-50 Ex
110/230 VAC ·
12/24 VDC

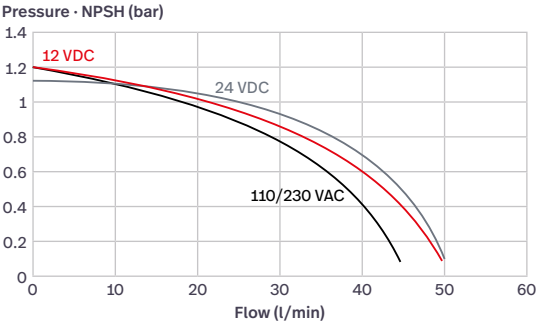
P. 15 → AG-800
110/230 VAC · AG-900
12 VDC

P. 16 → BAG-800 Ex
230 VAC ·
230/400 VAC

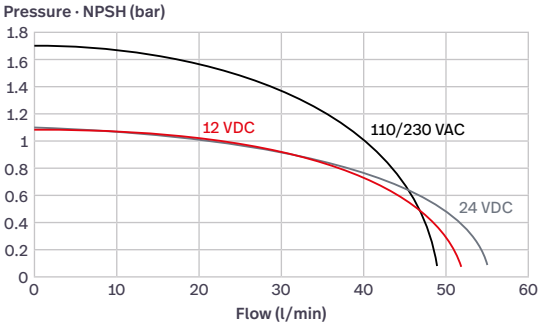
P. 17 → Kits without
base



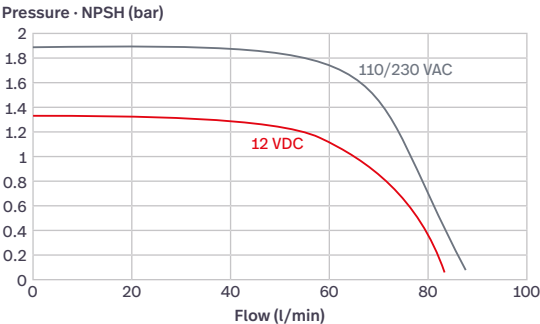
IRON-45 Ex 110/230 VAC · 12/24 VDC



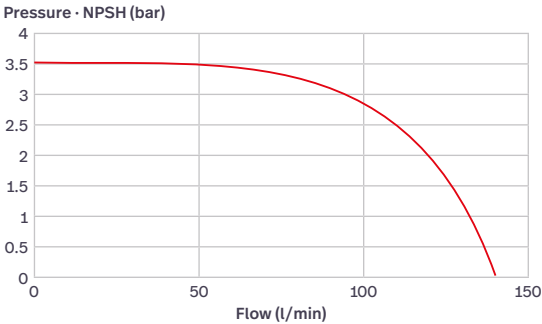
IRON-50 Ex 110/230 VAC · 12/24 VDC



AG-800 110/230 VAC ·
AG-900 12 VDC



BAG-800 230 VAC
BAG-800 Ex 230 VAC · 230/400 VAC



05 / High flow pumps

P. 42 → High flow
meters

⊕ DIESEL
⊕ PETROL

BDP electric motor IP-55 or ATEX

100-2,000 l/min

1 ¼-4"

2.5-5 bar

Bedplate high flow vane pumps of positive displacement with electric motor and bypass valve.



TECHNICAL DATA

Operation:	S1 continuous
Motor speed:	1,500 rpm
Protection:	IP-55
Pressure:	2.5-5 bar
ATEX Category:	EExd IICT5 (only EExd models)
Connection:	BSP thread or Welded flange

COMPONENTS

› Built in reducer

	Free flow	Motor	Motor voltage	BSP thread	Dimensions (approx.)	Net weight (approx.)	Fluids	
BDP-100 · IP-55	100 l/min	1.1 kW	230/400 VAC	F1 ¼"	628x220x315 mm	55 kg	⊕	101900200
BDP-100 · EExd	100 l/min	1.1 kW	230/400 VAC	F1 ¼"	628x220x315 mm	55 kg	⊕ ⊕	101900100
BDP-200 · IP-55	200 l/min	2.2 kW	230/400 VAC	F1 ½"	980x250x360 mm	85.5 kg	⊕	101000100
BDP-200 · EExd	200 l/min	2.2 kW	230/400 VAC	F1 ½"	980x250x360 mm	85.5 kg	⊕ ⊕	101000000
	Free flow	Motor	Motor voltage	Welded flange	Dimensions (approx.)	Net weight (approx.)	Fluids	
BDP-300 · IP-55	300 l/min	2.2 kW	230/400 VAC	2 ½"	1,033x300x364 mm	125 kg	⊕	101200100
BDP-300 · EExd	300 l/min	2.2 kW	230/400 VAC	2 ½"	1,033x300x364 mm	125 kg	⊕ ⊕	101200000
BDP-500 · IP-55	500 l/min	4 kW	230/400 VAC	2 ½"	1,064x300x409 mm	148.5 kg	⊕	101100100
BDP-500 · EExd	500 l/min	4 kW	230/400 VAC	2 ½"	1,064x300x409 mm	148.5 kg	⊕ ⊕	101100000
BDP-700 · IP-55	700 l/min	5.5 kW	400/690 VAC	3"	1,180x300x409 mm	220 kg	⊕	101700100
BDP-700 · EExd	700 l/min	5.5 kW	400/690 VAC	3"	1,180x300x409 mm	220 kg	⊕ ⊕	101700000
BDP-1000 · IP-55	1,000 l/min	7.5 kW	400/690 VAC	3"	1,341x350x409 mm	227 kg	⊕	101300100
BDP-1000 · EExd	1,000 l/min	7.5 kW	400/690 VAC	3"	1,341x350x409 mm	227 kg	⊕ ⊕	101300000
BDP-2000 · IP-55	2,000 l/min	15 kW	400/690 VAC	4"	1,532x400x565 mm	478 kg	⊕	102500300
BDP-2000 · EExd	2,000 l/min	15 kW	400/690 VAC	4"	1,532x400x565 mm	478 kg	⊕ ⊕	102500000

Optional

① 2 ½" mesh filter · 2,000 µm · (BDP-300/500)	101201001
① 3" mesh filter · 3,000 µm (BDP-700/1000)	101301002

BDP diesel motor

100-2,000 l/min

1 ¼-4"

2.5-5 bar

Bedplate high flow vane pumps of positive displacement with heavy-duty diesel motor and bypass valve. Also available with petrol motor.

TECHNICAL DATA

Type: 4-time air-cooled of 1 cylinder
Pressure: 2.5-5 bar



05 /
High flow pumps

P. 42 → High flow meters

⊙ DIESEL

	Free flow	Connection	Fluids	
BDP-200 · diesel motor	200 l/min	BSP thread F1 ½"	⊙	101000300
BDP-300 · diesel motor	300 l/min	Welded flange 2 ½"	⊙	101200300
BDP-500 · diesel motor	500 l/min	Welded flange 2 ½"	⊙	101100500
BDP-700 · diesel motor	700 l/min	Welded flange 3"	⊙	101700300
BDP-1000 · diesel motor	1,000 l/min	Welded flange 3"	⊙	101300300
BDP-2000 · diesel motor	2,000 l/min	Welded flange 4"	⊙	102500400

BDP Orbital hydraulic motor

100-1,000 l/min

1 ¼-3"

2.5-5 bar

High flow vane pumps with bypass valve for the installation in tankers for the mobile supply.

TECHNICAL DATA

Pressure: 2.5-5 bar



	Free flow	Connection	Fluids	
BDP-100 · hydraulic motor	100 l/min	BSP thread F1 ¼"	⊙	101900300
BDP-200 · hydraulic motor	200 l/min	BSP thread F1 ½"	⊙	101000900
BDP-500 · hydraulic motor	500 l/min	Welded flange 2 ½"	⊙	102800000
BDP-700 · hydraulic motor	700 l/min	Welded flange 3"	⊙	101700200
BDP-1000 · hydraulic motor	1,000 l/min	Welded flange 3"	⊙	101300900

BDP without motor · 1 or 2 shafts

100-1,000 l/min

1 ¼-3"

2.5-5 bar

High flow vane pumps with bypass, without motor and with one or two shafts to be mounted on an installation.

TECHNICAL DATA

Pressure: 2.5-5 bar



	Free flow	Connection	Fluids	
BDP-100 without motor · 1 shaft	100 l/min	BSP thread F1 ½"	⊙	101900500
BDP-200 without motor · 1 shaft	200 l/min	BSP thread F1 ½"	⊙	101000200
BDP-300/500 without motor · 1 shaft	300/500 l/min	Welded flange 2 ½"	⊙	101100200
BDP-1000 without motor · 1 shaft	1,000 l/min	Welded flange 3"	⊙	101300200

06 / Centrifugal pumps

P. 36 → MGE-250

P. 99 → Bases for the
supply kits

⊕ DIESEL

CG-150 230 VAC

100-500 l/min

1.1 kW

F2" BSP

Centrifugal pump with thermal protector for the fuel transfer.

TECHNICAL DATA

Free flow:	100-500 l/min
Consumption:	9.2 A
Operation:	S1 continuous
Suction with check valve:	6 m
Max. height:	25 m.c.a.
Connection:	F2" BSP threads
Dimensions (approx.):	380 x 210 x 285 mm
Net weight (approx.):	23.3 kg



	Motor	Motor speed	Base no. 3	Meter	Fluids	
CG-150 230 VAC · 50 Hz	1.1 kW	2,800 rpm	No	No	⊕	02050-CF00000
CG-150 230 VAC · 60 Hz	1.3 kW	3,300 rpm	No	No	⊕	02050-CF00007
SCG-150 · 50 Hz · Pump with electronic gear meter	1.1 kW	2,800 rpm	No	MGE-250	⊕	31720-CF00000
SCG-150 · 50 Hz · Pump with electronic gear meter	1.1 kW	2,800 rpm	Yes	MGE-250	⊕	309700000

CG-1000 230 VAC · 230/400 VAC CG-1600 230/400 VAC

250-1,600 l/min

3-4 kW

F3" · F4" BSP

Single-impeller centrifugal pump with thermal protector.

TECHNICAL DATA

Operation:	S1 continuous
Motor speed:	2,900 rpm
Protection:	IP-44
Suction with check valve:	6 m
Max. height:	25 m.c.a.



	Free flow	Motor	Consumption	Connection	Fluids	Dimensions (approx.)	Net weight (approx.)	
CG-1000 230 VAC	250-1,000 l/min	3 kW	15 A	F3"	⊕	455x225x292 mm	31.6 kg	022600100
CG-1000 230/400 VAC	250-1,000 l/min	4 kW	11.6/6.7 A	F3"	⊕	455x225x292 mm	31.6 kg	022600000
CG-1600 230/400 VAC	600-1,600 l/min	4 kW	15/8.8 A	F4"	⊕	480x250x330mm	41.1 kg	022500000

CG-400HD Ex 230 VAC ·
230/400 VAC

400 l/min 1.5 kW F2" BSP

Self-priming electric pump of monobloc execution with multi-blades open impeller.

TECHNICAL DATA	
Free flow:	400 l/min
EExd Motor:	1.5 kW
Operation:	S1 continuous
Motor speed:	2,800 rpm
Protection:	IP-55
ATEX Category:	II 2G Ex h IIB T4 Gb
Max. suction depth:	6 m
Connection:	F2" BSP
Dimensions (approx.):	545x260x345 mm
Net weight (approx.):	31 kg

- COMPONENTS
- › Cast iron body
 - › Cast iron impeller
 - › AISI 316 Stainless steel motor shaft
 - › Check valve placed in the pump body
 - › Cast iron support



06 /
Centrifugal
pumps

- ⊕ DIESEL
- ⊕ PETROL

	Consumption	Fluids	
CG-400HD Ex 230 VAC	12.3 A	⊕ ⊕	10241-CF00000
CG-400HD Ex 230/400 VAC	5.9/3.4 A	⊕ ⊕	10240-CF00000

CG-900HD Ex 230 VAC ·
230/400 VAC

900 l/min 2.2 kW F3" BSP

Self-priming electric pump of monobloc execution with multi-blades open impeller.

TECHNICAL DATA	
Free flow:	900 l/min
EExd Motor:	2.2 kW
Operation:	S1 continuous
Motor speed:	2,800 rpm
Protection:	IP-55
ATEX Category:	II 2G Ex d IIC T4
Max. suction depth:	6 m
Connection:	F3" BSP
Dimensions (approx.):	600x260x345 mm
Net weight (approx.):	37.2 kg

- COMPONENTS
- › Cast iron body
 - › Cast iron impeller
 - › AISI 316 Stainless steel motor shaft
 - › Check valve placed in the pump body
 - › Cast iron support



	Consumption	Fluids	
CG-900HD Ex 230 VAC	13.1 A	⊕ ⊕	10200-CF00000
CG-900HD Ex 230/400 VAC	8.3-4.8 A	⊕ ⊕	10201-CF00000

07 / Manual pumps & drill pump



BP-5 · Manual lever pump

Manual lever pump for the transfer of diesel or lubricant from metallic drums of 50 to 200 litres.

TECHNICAL DATA

Transfer capacity: 300 ml x piston-stroke

COMPONENTS

- › Pump made of steel, aluminium, zinc, brass, NBR
- › 870 mm metallic suction telescopic tube with 3/4" connection to the pump
- › 1 1/2" or 2" connection adaptable to metallic drums from 50 to 200 litres

	Fluids	
BP-5 · Manual lever pump		040100000



TMG · Manual bellow pumps

Bellow pumps made of polyethylene for the transfer of diesel, petrol, water and other chemical products and/or solvents.

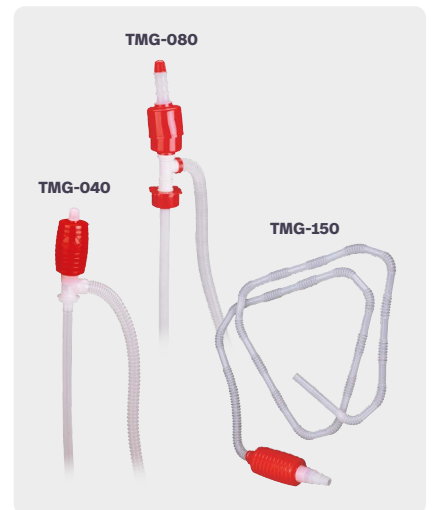
TECHNICAL DATA

Flow: depending on the piston-stroke

MODELS

- › TMG-040 suitable for the refuelling of kerosene stoves
- › TMG-080
- › TMG-150 flexible pump suitable to put in the vehicles tanks

	Flow	Tube	Fluids	
TMG-040	6 l/min	0.4 m · 50-litre drums		040600000
TMG-080	20 l/min	0.8 m · 200-litre drums		040500000
TMG-150	6 l/min	1.5 m · flexible		040400000



BMP · Manual piston pump

Manual piston pump of double action suitable for diesel, oil, fuel and alcohol.

TECHNICAL DATA

Transfer capacity: 800 ml x piston-stroke

Inlet · Outlet connection: 1" · 3/4"

COMPONENTS

- › 2.5 m Ø3/4" hose
- › Drum plug adjustable at 2"
- › 1 m Ø33.5" suction tube
- › Heavy-duty steel handle
- › Nozzle hanger

	Fluids	
BMP · Manual piston pump		040200000



BRM-88 ·
Rotary aluminium pump

Self-suction rotary blade pump. Adaptable to drums from 50 to 200 litres.

TECHNICAL DATA

Transfer capacity: 2.85 L x 20 rounds
Net weight (approx.): 6.6 kg

COMPONENTS

- › 970 mm Ø32 mm suction tube
- › Ø25 mm discharging pipe
- › M2" adapter adjustable in height fo the drum fixation
- › Aluminium die casting steel handle

	Meter	Fluids	
BRM-88	No	⊕	040300000
BRM-8880 · Pump + mechanical meter	MG-80	⊕	340500000



07 /
Manual pumps &
drill pump

P. 32 → MG-80

P. 33 → MG-80A ·
MG-84A

⊕ DIESEL
⊕ PETROL

BRM-88 Ex ·
Rotary aluminium pump

Self-suction – explosionproof rotary blade pump.
Adaptable to drums from 50 to 200 litres.

TECHNICAL DATA

Transfer capacity: 2.85 L x 20 rounds
Net weight (approx.): 6.6 kg

COMPONENTS

- › 970 mm Ø32 mm suction tube
- › Ø25 mm discharging tube
- › M2" adapter adjustable in height for the drum fixation
- › Aluminium die casting steel handle
- › Viton joints

	Meter	Fluids	
BRM-88 Ex	No	⊕ ⊕	040300100
BRM-8880A · Pump + mechanical meter	MG-80A	⊕ ⊕	340500300



BT-87 · Drill pump

Eccentric, self-suction pump with self-adjusting blades
adaptable to a drill. Useful to empty baths, aquariums,
washing machines, flooded basements and as a caravanning
and laboratories auxiliary. Special for diesel, water, herbicides,
antifreeze, ...

TECHNICAL DATA

Flow: 20 l/min (with recommended drill)
Self-suction height: 1.5 m (with recommended drill)
Hose connection: Ø21 mm
Recommended drill: 650 W · 2,000 rpm

COMPONENTS

- › Supplied with a box with EAN-13 bar code



	Dimensions (approx.)	Net weight (approx.)	Fluids	
BT-87	130x90x66 mm	0.45 kg	⊕	001000000
BT-87 · Cardboard display rack with 6 BT-87	194x222x178 mm	2.7 kg	⊕	001000100

08 / Mechanical meters

P. 97 → Accessories

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ ADBLUE / DEF
- Ⓢ WATER

MG-80

15-90 l/min

±1% accuracy

1"

Mechanical meter with oscillating disc. For private use, not suitable for fiscal operations.



TECHNICAL DATA

Flow:	15-90 l/min
Accuracy:	±1% (15-90 l/min) · ±0.8% (20-90 l/min) · ±0.5% (50-70 l/min)
Max. pressure:	3.5 bar
Ambient temperature:	-10 °C / +60 °C
Partial indicator:	3 digits
Totaliser:	6 digits
Connection:	1" BSP · 3 inlets and 2 outlets
Dimensions (approx.):	150x150x170 mm
Net weight (approx.):	1.6 kg

PACKAGING

- 180x180x180 mm
LxWxH (approx.)
- 2 kg
(approx.)
- 240 units / pallet
(EUR-pallet)

COMPONENTS

- › Polyamide + Fibreglass housing
- › 2 additional MF1" GAS (BSP) adapters
- › Red adapter with filter sieve of 350 µm
- › Calibration screw cap

	Fluids	Litres	US GAL
MG-80	Ⓢ Ⓢ Ⓢ	32000-CF00000	32000-CF00010
MG-80V · Viton joints	Ⓢ Ⓢ	32070-CF00000	32070-CF00010

Optional

① M1" Complete Long Union Flange Kit in PA + Fibreglass	800003027
② Stainless filter-sieve 350 µm Ø33 mm	460000003
③ MF1" adapter in PA + Fibreglass · BSP long thread	320004018
③ MF1" adapter in PA + Fibreglass · BSP short thread with stainless sieve of 350 µm	320004117
③ MF1" adapter NPT thread	320004048
Ø24x3.5 mm NBR joint	803100022

MG-80A · MG-84A

15-90 l/min

±1% accuracy

1"

08 /
Mechanical
meters

P. 97 → Accessories

Mechanical aluminium meter of fireproof measuring chamber with oscillating disc.
For private use, not suitable for fiscal operations.

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ BIODIESEL



TECHNICAL DATA

Flow: 15-90 l/min
Accuracy: ±1% (15-90 l/min) · ±0.8% (20-90 l/min) · ±0.5% (50-70 l/min)
ATEX Category: II 2G Ex h IIB T5 Gb
Max. pressure: 5 bar
Resistance pressure: 15 bar
Ambient temperature: -10 °C / +60 °C
Connection: F1" BSP (NPT available) · 1 inlet and 1 outlet
Dimensions (approx.): 180x132x165 mm
Net weight (approx.): 1.95 kg

PACKAGING

- Ⓢ 185x175x170 mm
LxWxH (approx.)
- Ⓢ 2.08 kg
(approx.)
- Ⓢ 240 units / pallet
(EUR-pallet)

COMPONENTS

- › Aluminium body
- › Polyamide + Fibreglass housing
- › Calibration screw cap

	Partial indicator	Totaliser	Fluids	Litres	US GAL
MG-80A	3 digits	6 digits	Ⓢ	32300-CF00000	32300-CF00010
MG-80AV · Viton joints	3 digits	6 digits	Ⓢ Ⓢ Ⓢ	32340-CF00000	32340-CF00010
MG-84A	4 digits	8 digits	Ⓢ	32360-CF00000	32360-CF00002
MG-84AV · Viton joints	4 digits	8 digits	Ⓢ Ⓢ Ⓢ	32370-CF00000	32370-CF00002

09 /
Electronic meters

DIESEL
LUBRICANT

MGE-40

2-50 l/min

±0.5% accuracy

1/2"

Electronic meter with high accuracy oval gears and tropicalised electronics.
For private use, not suitable for fiscal operations.



TECHNICAL DATA

Accuracy: ±0.5%
Max. pressure: 50 bar
Ambient temperature: -10 °C / +50 °C
Display integers and decimals: 999.99 / 999.9 / 99999
Totaliser: 99,999 (5 digits)
Connection: F1/2" BSP (NPT available)
Dimensions (approx.): 85x60x85 mm
Net weight (approx.): 0.5 kg

PACKAGING

130x105x80 mm
LxWxH (approx.)
0.6 kg
(approx.)
1,000 units / pallet
(EUR-pallet)

COMPONENTS

- › Aluminium measuring chamber
- › Tropicalised electronics
- › Digital display of liquid crystal (supplied volume or total volume)
- › Control buttons (RESET & TOTAL)
- › Non volatile memory to save calibration parameters and litre totaliser
- › Long life battery (approx. 4 years)
- › Low consumption display
- › Flexible rubber removable protective case

	Diesel flow	Lubricant flow	Fluids	Litres	US GAL
MGE-40	2-50 l/min	2-40 l/min	 	32350-CF00000	32350-CF00004

MGE-110

5-110 l/min

±0.5% accuracy

1"

09 /
Electronic
meters

Electronic meter with high accuracy oval gears and tropicalised electronics.
For private use, not suitable for fiscal operations. Its design allows you to
install it in 4 different positions.

 DIESEL
 LUBRICANT



TECHNICAL DATA

Accuracy:	±0.5%
Max. pressure:	55 bar
Ambient temperature:	-10 °C / +50 °C
Display integers and decimals:	999.99 / 999.9 / 99999
Totaliser:	99,999 (5 digits)
Connection:	F1" BSP threads and flanges (NPT available)
Dimensions (approx.):	123x68x123 mm
Net weight (approx.):	0.85 kg

PACKAGING

-  147x85x140 mm
LxWxH (approx.)
-  0.9 kg
(approx.)
-  800 units / pallet
(EUR-pallet)

COMPONENTS

- › Aluminium body
- › Tropicalised electronics
- › Digital display of liquid crystal (supplied volume or total volume)
- › Control buttons (RESET & TOTAL)
- › Non volatile memory to save calibration parameters and litre totaliser
- › Long life battery (approx. 4 years)
- › Low consumption display

	Diesel flow	Lubricant flow	Connection	Fluids	Litres	US GAL
MGE-110	5-110 l/min	5-80 l/min	H1" BSP	 	32600-CF00000	32600-CF00002
MGE-110 · Viton · B100	5-110 l/min	5-80 l/min	H1" BSP		32600-CF00100	32600-CF00102

Optional

 F1" aluminium flange complete kit with DIN.933 hexagonal screw	800003036
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09 /

Electronic
meters

- Ⓓ DIESEL
Ⓔ LUBRICANT
Ⓕ BIODIESEL

MGE-250

10-250 l/min

±0.5% accuracy

1" or 1 1/2"

Electronic meter of high accuracy oval gears and tropicalised electronics. For private use, not suitable for fiscal operations.

TECHNICAL DATA

Accuracy:	±0.5%
Max. pressure:	45 bar
Ambient temperature:	-10 °C / +50 °C
Display integers and decimals:	999.99 / 999.9 / 99999
Totaliser:	99,999 (5 digits)
Connection:	F1" or F1 1/2" BSP (NPT available)
Dimensions (approx.):	183x107x140 mm

COMPONENTS

- › Aluminium body
- › Tropicalised electronics
- › Digital display of liquid crystal (supplied volume or total volume)
- › Control buttons (RESET & TOTAL)
- › Non volatile memory to save calibration parameters and litre totaliser
- › Long life battery (approx. 4 years)
- › Low consumption display

	Diesel flow	Lubricant flow	Connection	Net weight (approx.)	Fluids	Litres	US GAL
MGE-250 · 1"	10-250 l/min	10-150 l/min	F1" BSP	2.3 kg	Ⓓ Ⓔ	32503-CF00000	32503-CF00003
MGE-250 · 1 1/2"	10-250 l/min	10-150 l/min	F1 1/2" BSP	2.5 kg	Ⓓ Ⓔ	32503-CF00001	32503-CF00002
MGE-250 · 1" · Viton · B100	10-250 l/min	10-150 l/min	F1" BSP	2.3 kg	Ⓕ	32503-CF00015	32503-CF00017
MGE-250 · 1 1/2" · Viton · B100	10-250 l/min	10-150 l/min	F1 1/2" BSP	2.5 kg	Ⓕ	32503-CF00012	32503-CF00018



PACKAGING

- 180x180x180 mm
LxWxH (approx.)
- 4 kg
(approx.)
- 240 units / pallet
(EUR-pallet)

MGE-400

15-400 l/min

±0.5% accuracy

2"

Electronic meter with high accuracy oval gears and tropicalised electronics. For private use, not suitable for fiscal operations.

TECHNICAL DATA

Accuracy:	±0.5%
Max. pressure:	45 bar
Ambient temperature:	-10 °C / +50 °C
Display integers and decimals:	999.99 / 999.9 / 99999
Totaliser:	99,999 (5 digits)
Connection:	F2" BSP (NPT available)
Dimensions (approx.):	183x152x140 mm
Net weight (approx.):	4.3 kg

COMPONENTS

- › Aluminium body
- › Tropicalised electronics
- › Digital display of liquid crystal (supplied volume or total volume)
- › Control buttons (RESET & TOTAL)
- › Non volatile memory to save calibration parameters and litre totaliser
- › Long life battery (approx. 4 years)
- › Low consumption display

	Diesel flow	Lubricant flow	Connection	Fluids	Litres	US GAL
MGE-400	15-400 l/min	15-300 l/min	F2" BSP	Ⓓ Ⓔ	32592-CF00000	32592-CF00001
MGE-400 · Viton · B100	15-400 l/min	15-300 l/min	F2" BSP	Ⓕ	32592-CF00005	32592-CF00011



PACKAGING

- 310x320x230 mm
LxWxH (approx.)
- 5 kg
(approx.)
- 64 units / pallet
(EUR-pallet)

10 /
Pulsers

MGI-40

2-50 l/min

±0.5% accuracy

1/2"

Electronic pulser of high accuracy oval gears. For private use, not suitable for fiscal operations.

TECHNICAL DATA	
Accuracy:	±0.5%
Max. pressure:	50 bar
Temperature with Reeds:	-10 °C / +90 °C
Communication channels:	2 channels of 90° or 180°
Pulses:	100 pulses per litre and channel
Connection:	F1/2" BSP (NPT available)
Dimensions (approx.):	72x55x73.5 mm
Net weight (approx.):	0.5 kg

- COMPONENTS
- › Aluminium body
 - › 1.9 m cable



- PACKAGING
- 130x105x80 mm
LxWxH (approx.)
 - 0.6 kg
(approx.)
 - 1,000 units / pallet
(EUR-pallet)

- DIESEL
- LUBRICANT
- BIODIESEL

	Diesel flow	Lubricant flow	Fluids	
MGI-40	2-50 l/min	2-40 l/min		322800100

MGI-110

5-110 l/min

±0.5% accuracy

1"

Electronic pulser of high accuracy oval gears. For private use, not suitable for fiscal operations.

TECHNICAL DATA	
Accuracy:	±0.5%
Max. pressure:	55 bar
Temperature with Reeds:	-10 °C / +90 °C
Communication channels:	2 channels of 90° or 180°
Pulses:	41 pulses per litre and channel
Connection:	F1" BSP (NPT available)
Dimensions (approx.):	123x90x123 mm
Net weight (approx.):	0.85 kg

- COMPONENTS
- › Aluminium body
 - › 1.9 m cable



- PACKAGING
- 147x85x140 mm
LxWxH (approx.)
 - 0.9 kg
(approx.)
 - 800 units / pallet
(EUR-pallet)

	Diesel flow	Lubricant flow	Connection	Fluids	
MGI-110 · 180° Reeds	5-110 l/min	5-80 l/min	F1" BSP		32650-CF00000
MGI-110 · 90° Reeds	5-110 l/min	5-80 l/min	F1" BSP		32651-CF00000
MGI-110 · 90° Hall Effect	5-110 l/min	5-80 l/min	F1" BSP		32660-CF00000

10 /
Pulsers

DIESEL
LUBRICANT

MGI-250

10-250 l/min ±0.5% accuracy 1" or 1 ½"

Electronic pulser of high accuracy oval gears. For private use, not suitable for fiscal operations.

TECHNICAL DATA	
Accuracy:	±0.5%
Max. pressure:	45 bar
Temperature with Reeds:	-10 °C / +90 °C
Communication channels:	2 channels 180° Reeds
Pulses:	11 pulses per litre and channel
Connection:	F1" or F1 ½" BSP (NPT available)
Dimensions (approx.):	183x129x140 mm

- COMPONENTS
- › Aluminium body
 - › 1.9 m cable



- PACKAGING
- 180x180x180 mm
LxWxH (approx.)
 - 4 kg
(approx.)
 - 240 units / pallet
(EUR-pallet)

	Diesel flow	Lubricant flow	Connection	Weight (approx.)	Fluids	
MGI-250 · 1"	10-250 l/min	10-150 l/min	F1" BSP	2.3 kg	D L	32511-CF00000
MGI-250 · 1 ½"	10-250 l/min	10-150 l/min	F1 ½" BSP	2.5 kg	D L	32511-CF00001

MGI-400

15-400 l/min ±0.5% accuracy 2"

Electronic pulser of high accuracy oval gears. For private use, not suitable for fiscal operations.

TECHNICAL DATA	
Accuracy:	±0.5%
Max. pressure:	45 bar
Temperature with Reeds:	-10 °C / +90 °C
Communication channels:	2 channels 180° Reeds
Pulses:	5.5 pulses per litre and channel
Connection:	F2" BSP (NPT available)
Dimensions (approx.):	183x174x140 mm
Net weight (approx.):	4.3 kg

- COMPONENTS
- › Aluminium body
 - › 1.9 m cable



- PACKAGING
- 310x320x230 mm
LxWxH (approx.)
 - 5 kg
(approx.)
 - 64 units / pallet
(EUR-pallet)

	Diesel flow	Lubricant flow	Fluids	
MGI-400	15-400 l/min	15-300 l/min	D L	32581-CF00000

MGI-800 12 VDC

30-800 l/min

±0.5% accuracy

3"

Electronic pulser of high accuracy oval gears.

TECHNICAL DATA	
Flow:	30-800 l/min
Accuracy:	±0.5%
Max. pressure:	45 bar
Temperature with Reeds:	-10 °C / +90 °C
Connection:	Flange 3" DIN 2576
Communication channels:	1 channel
Pulses:	5.5 pulses per litre and channel
Dimensions (approx.):	491.5x200x503 mm
Net weight (approx.):	14 kg



10 /
Pulsers

- Ⓢ DIESEL
- Ⓢ LUBRICANT

MGI-800	Fluids	Ⓢ	326700000
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MGE/I-110

5-110 l/min

±0.5% accuracy

1"

Electronic meter with pulse output of high accuracy oval gears and tropicalised electronics.

TECHNICAL DATA	
Accuracy:	±0.5%
Max. pressure:	50 bar
Communication channels:	2 channels 180° Reeds
Pulses:	41 pulses per litre and channel
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	123x90x123 mm
Net weight (approx.):	1.16 kg

- COMPONENTS
- › Aluminium body
 - › Tropicalised electronics
 - › Digital display of liquid crystal (supplied volume or total volume)
 - › Control buttons (RESET & TOTAL)
 - › Non volatile memory to save calibration parameters and litre totaliser
 - › Long life battery (approx. 4 years)
 - › Low battery display
 - › 1.9 m cable



- PACKAGING
- Ⓢ 180x180x180 mm
LxWxH (approx.)
 - Ⓢ 1.2 kg
(approx.)
 - Ⓢ 240 units / pallet
(EUR-pallet)

MGE/I-110	Diesel flow	Lubricant flow	Connection	Fluids	
	5-110 l/min	10-80 l/min	F1" BSP	Ⓢ Ⓢ	32602-CF00000

11 / Electronic displays

Gespasa electronic displays can be connected to a pump or solenoid valve to display the volume being supplied or the total volume supplied. We have three display models in order to suit the needs of your installation.

Display E

5 or 7 digits

reset & total

Liquid crystal digital display and tropicalised electronics.

TECHNICAL DATA

Partial:	5 digits
Total:	7 digits (scroll mode)
Display integers and decimals:	999.99 / 999.9 / 99999
Input channels:	1 or 2 channels (90° or 180°)
Dimensions (approx.):	250x150x300 mm
Net weight (approx.):	4.15 kg

COMPONENTS

- › RESET & TOTAL buttons
- › Button battery of long duration (approx. 4 years)
- › Non volatile memory to save calibration parameters and litre totaliser



Display GE 12/24 VDC ·
110/230 VAC

6 digits preset

Liquid crystal digital display. Preset the volume to be supplied, connecting it to a pump and/or solenoid valve. It shows the partial and total of the supplied volume.

TECHNICAL DATA

Partial:	6 digits
Total:	6 digits
0.00 to 9999.99 volume:	2 decimals are shown
10000.0 to 99999.9 volume:	1 decimal is shown
≥ 100000 volume:	No decimal is shown
Input channels:	1 or 2 channels (90º or 180º)
Dimensions (approx.):	250x150x300 mm
Net weight (approx.):	4.15 kg

COMPONENTS

- › x1 & x10 buttons to preset the volume to be supplied
- › Connection to an external switch or nozzle holder
- › Connection to a GK-7M controller through the RS-485 communication bus and the GESPASA communication protocol
- › Signal amplifier output for connection to a display or external controller



11 /
Electronic
displays

Display GE + metal box · 12/24 VDC	253400300
Display GE + metal box · 110/230 VAC	253400200

Display GK-7 12/24 VDC ·
110/230 VAC

6 digits preset & identification

Liquid crystal digital display. It can be configured as a controller and transfer to a software the supplies. It can also operate as a display to preset and stop the pump or solenoid valve. It allows the restricted use to authorised users through numerical code or iButton keys.

TECHNICAL DATA

Partial:	6 digits
Total:	6 digits
Input channels:	1 or 2 channels (90º or 180º)
Dimensions (approx.):	250x150x300 mm
Net weight (approx.):	4.15 kg

COMPONENTS

- › Keypad that allows to preset the amount to be supplied and to type the user identification code
- › Ibutton reader for user identification



GK-7 + metal box	25334-CF00000
GK-7Plus + metal box	25336-CF00000

12 / High flow meters

P. 26 → High flow pumps

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ LUBRICANT

GESPASA meters of positive displacement (PD) of rotary movement, for the measurement in the transfer of fuels and industrial fluids. Maximum accuracy in the measurement. Minimum pressure drop. They hold the accuracy because of its measuring chamber with a minimum friction.

- 1

Degasser

› The air eliminator must be under pressure, it cannot be empty
- 2

Cumulative counter

› Non-resettable

› Counter of 8 digits
- 3

Counter

› Mechanical resettable

› Counter of 4.1 digits
- 4

Mesh prefilter

› Prefilter of mesh 80 for diesel

› Optional of mesh 40
- 5

Aluminium body

› Suitable for fuel-oil, diesel, fuel, kerosene, ethylene glycol, motor oil and ink

› Stainless steel version available



Optional

- Ticket printer
- Mechanical preset
- Electronic preset
- Pulser with or without mechanical register
- GE · Electronic display with signal output
- GK-7 · Supply control

M-Meters with dessager and prefilter

12 /
High flow meters

25-3,000 l/min ±0.2% accuracy

Volumetric high flow meters. Maximum accuracy, minimum pressure drop and long service life.

P. 26 → High flow pumps

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ LUBRICANT



TECHNICAL DATA

Accuracy:	±0.2%
Repeatability:	< 0.07 %
ATEX category:	II 2G Ex h IIB T5 Gb
Max. pressure:	10 bar
Ambient temperature:	-30°C / +71°C
Partial indicator:	4.1 digits resettable
Totaliser:	8 digits
Connection	1 1/2" - 6" BSP threaded flange (NPT available)
Material:	aluminium

COMPONENTS

- › Aluminium body
- › System of mechanical calibration
- › Degasser
- › Prefilter of mesh 80

	Flow	Connection	Dimensions (approx.)	Weight (approx.)	Fluids	Litres	US GAL
M-40	25-250 l/min	BSP threaded flange 1 1/2"	510x460x490 mm	23 kg	Ⓢ Ⓢ	32735-CF00000	32735-CF00010
M-50	55-550 l/min	BSP threaded flange 2"	510x460x490 mm	26 kg	Ⓢ Ⓢ	32745-CF00000	32745-CF00010
M-80	115-1,150 l/min	BSP threaded flange 3"	580x500x610 mm	40 kg	Ⓢ Ⓢ	32725-CF00000	32725-CF00010
M-100	170-1,700 l/min	BSP threaded flange 4"	760x640x720 mm	70 kg	Ⓢ Ⓢ	32715-CF00000	32715-CF00010
M-150	300-3,000 l/min	BSP threaded flange 6"	800x650x790 mm	130 kg	Ⓢ Ⓢ	32755-CF00000	32755-CF00010

12 /

High flow meters

P. 26 → High flow pumps

- Ⓛ DIESEL
- Ⓛ PETROL
- Ⓛ LUBRICANT

M-Meters versions

Wide range of solutions in order to adapt the meter to your installation. The following features are available.



- ① Only the meter
- ② M-Meter + pulse output, with or without mechanical register
- ③ M-Meter + electronic display for pulse output
- ④ M-Meter + preset + mechanical valve of automatic stop
- ⑤ M-Meter + preset + mechanical valve of automatic stop + ticket printer
- ⑥ M-50 INOX for AdBlue/DEF
- ⑦ M-50 for LPG

M-Meters with GK-7Plus

High flow meter with own consumption controller that allows the user identification and the supply transfer to PC.

12 /
High flow meters

P. 26 → High flow pumps

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ LUBRICANT



COMPONENTS

- › Display GK-7Plus
- › GK-7Plus controller of users and vehicles that communicates with the DieselPlus cloud software
- › 60-user/vehicle memory included by default (other memories available).
- › Identification key reader iButton included by default

	Flow	Connection	Dimensions (approx.)	Weight (approx.)	Fluids	
M-40 + GK-7Plus	25-250 l/min	BSP threaded flange 1 1/2"	510x460x490 mm	23 kg	Ⓢ Ⓢ	32731-CF00000
M-50 + GK-7Plus	55-550 l/min	BSP threaded flange 2"	510x460x490 mm	26 kg	Ⓢ Ⓢ	32741-CF00000
M-80 + GK-7Plus	115-1,150 l/min	BSP threaded flange 3"	580x500x610 mm	40 kg	Ⓢ Ⓢ	32721-CF00000

13 / Mesh filters

Ⓢ DIESEL
Ⓢ PETROL
Ⓢ BIODIESEL

York base filters

½" York base filter	802700004
¾" York base filter	802700005
1" York base filter	802700003
1 ¼" York base filter	802700002
1 ½" York base filter	802700001
2" York base filter	802700006

Check valve with or without York base filter

	With filter	Without filter
½" Check valve	805600001	805601009
¾" Check valve	805600002	805601002
1" Check valve	805600003	805601003
1 ¼" Check valve	805600004	805601004
1 ½" Check valve	805600005	805600005
2" Check valve	805600006	805601006
2 ½" Check valve	805600007	805601007
3" Check valve	805600008	805601008

Multivalent vessel filter

1" Multivalent vessel filter	802704003
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Aluminium vessel filter

Aluminium vessel filter · 5 bar · FF½"	802702001
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FUP-1 filter

FUP-1 FF1" filter (Polyamide + Fibreglass) · 350 µm	660300000
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Foot filter

Foot filter	660200000
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Transparent vessel filter

FF¾" Transparent vessel filter	802705001
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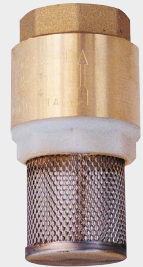
'Y' brass filters

½" 'Y' brass filter	802701006	1 ¼" 'Y' brass filter	802701002
¾" 'Y' brass filter	802701004	1 ½" 'Y' brass filter	802701001
1" 'Y' brass filter	802701003	2" 'Y' brass filter	802701008

York base filter



Check valve + York base filter



Multivalent vessel filter



Aluminium vessel filter



FUP-1 filter



Foot filter



Transparent vessel filter



'Y' brass filter



14 /
Filters

FG-100

P. 97 → Accessories

105 l/min	5 · 25 µm
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Microfilter with transparent vessel that allows the ocular and instantaneous inspection of impurities or water existence.

- ⓪ DIESEL
- ⓪ PETROL
- ⓪ BIODIESEL



TECHNICAL DATA

Transfer capacity:	105 l/min
Volume:	2 L
Max. working pressure:	5 bar
Max. breaking pressure:	8 bar
Connection:	F1" BSP threads and flanges
Dimensions (approx.):	218x171x300 mm
Net weight (approx.):	2.27 kg

PACKAGING

- 190x220x330 mm
LxWxH (approx.)
- 2.7 kg
(approx.)
- 100 units / pallet
(EUR-pallet)

COMPONENTS

- › Aluminium top case
- › Transparent plastic vessel
- › Cartridge
- › Manual drain valve
- › Key for replacing the cartridge

	Cartridge	Fluids	
FG-100	Water repellent · 5 µm	⓪	39023-CF00000
FG-100G · VITON	Water repellent · 5 µm	⓪ ⓪	39071-CF00000
FG-100 · BIODIESEL	25 µm	⓪ ⓪	39023-CF00010

Optional

① Paper filtering element spare kit + joints · 5 µm	660708001
Paper filtering element spare kit + Viton joints · 5 µm	660708005
Paper filtering element spare kit + joints · 25 µm	660708002
② Key for the cartridge replacing	660705000
③ F1" aluminium flange kit with DIN.933 hexagonal screws + joints	800003036
④ FG-100 wall support	660704000

- DIESEL
- PETROL
- BIODIESEL

FG-150

150 l/min

5 · 15 · 25 µm

Microfilter with transparent vessel that allows the ocular and instantaneous inspection of impurities or water existence.

TECHNICAL DATA

Transfer capacity:	150 l/min
Volume:	10 L
Max. working pressure:	4 bar
Max. breaking pressure:	8 bar
Connection:	F1 ½" BSP
Dimensions (approx.):	Ø263x491 mm
Net weight (approx.):	8 kg

COMPONENTS

- › Aluminium top case
- › Transparent plastic vessel
- › Cartridge
- › Manual drain valve
- › Vacuum gauge -1 +3 bar



PACKAGING

- 550x380x370 mm
LxWxH (approx.)
- 9 kg
(approx.)
- 20 units / pallet
(EUR-pallet)

	Cartridge	Fluids	
FG-150	Water-repellent · 5 µm		66050-CF00000
FG-150A	Water absorbent · 15 µm		66050-CF00030
FG-150BIO	25 µm		66050-CF00010

Optional

Filtering element spare kit + joints · 5 µm	660508001
Water absorbent filtering element spare kit + joints · 15 µm	660508003
Filtering element spare kit + joints · 25 µm	660508002

FG-70

70 l/min

10 µm

Spin-on microfilter that removes particulates like dirt, dust and rust. Ideal for protecting and extending the life of your pump and meter. Suitable for petrol, diesel and biodiesel.

TECHNICAL DATA

Transfer capacity:	70 l/min
Max. working pressure:	3.4 bar
Max. differential pressure:	1.7 bar
Connection:	F1" BSP
Dimensions (approx.):	101x93.4x280 mm
Net weight (approx.):	2.27 kg

COMPONENTS

- › Aluminium top case
- › Cartridge



	Cartridge	Fluids	
FG-70	Water absorbent · 10 µm		663300000

Optional

1" BSP Aluminium Head	663304000
Water absorbent filtering cartridge of 10 µm	663303000

FG-300 · FG-450

300 · 450 l/min

2.5 · 3 · 5 · 15 · 50 µm

Aluminium microfilter for the installation in the suction or the delivery of the pumping kit.

14 /
Filters

P. 50 → Cartridge
spares

P. 50 → Metallic
cabinets for
microfilters

- ⓪ DIESEL
- ⓪ PETROL
- ⓪ BIODIESEL



TECHNICAL DATA

Max. working pressure: 6 bar
Max. housing pressure: 10 bar
Connection: F2" BSP

COMPONENTS

- › Aluminium and stainless steel
- › 1 or 2 cartridges
- › Air drain valve
- › Water detection viewer
- › Differential manometer
- › Manual lower drain valve

PACKAGING

- ⓪ FG-300: 935x340x500 mm · FG-450: 1,260x380x420 mm
LxWxH (approx.)
- ⓪ FG-300: 23 kg · FG-450: 33 kg
(approx.)
- ⓪ FG-300: 12 units / pallet · FG-450: 4 units / pallet
(EUR-pallet)

	Cartridge	Transfer capacity	Volume	Dimensions (approx.)	Weight (approx.)	Fluids	
FG-300/2.5	2.5 µm	300 l/min	15 L	254x312x670 mm	17 kg	⓪ ⓪ ⓪	66194-CF00003
FG-300/3	Water absorbent · 3 µm	300 l/min	15 L	254x312x670 mm	17 kg	⓪ ⓪ ⓪	66194-CF00017
FG-300/5	Water absorbent · 5 µm	300 l/min	15 L	254x312x670 mm	17 kg	⓪ ⓪ ⓪	66194-CF00018
FG-300/15	Water absorbent · 15 µm	300 l/min	15 L	254x312x670 mm	17 kg	⓪ ⓪ ⓪	66194-CF00019
FG-300/50	50 µm	300 l/min	15 L	254x312x670 mm	17 kg	⓪ ⓪ ⓪	66194-CF00020
FG-450/2.5	2.5 µm	450 l/min	30 L	254x312x1,150 mm	27 kg	⓪ ⓪ ⓪	66370-CF00003
FG-450/3	Water absorbent · 3 µm	450 l/min	30 L	254x312x1,150 mm	27 kg	⓪ ⓪ ⓪	66370-CF00008
FG-450/5	Water absorbent · 5 µm	450 l/min	30 L	254x312x1,150 mm	27 kg	⓪ ⓪ ⓪	66370-CF00002
FG-450/15	Water absorbent · 15 µm	450 l/min	30 L	254x312x1,150 mm	27 kg	⓪ ⓪ ⓪	66370-CF00001
FG-450/50	50 µm	450 l/min	30 L	254x312x1,150 mm	27 kg	⓪ ⓪ ⓪	66370-CF00000

- DIESEL
- PETROL
- BIODIESEL

Cartridge spares

Paper, fibreglass or stainless steel mesh cartridges for the FG-300 and FG-450 microfilters.

Absorbent filtering spare kit + joints · 3 µm	661908002
Absorbent filtering spare kit + joints · 5 µm	661908003
Absorbent filtering spare kit + joints · 15 µm	661908000
Impact filtering spare kit + joints · 50 µm	661908001
Fibreglass filtering element spare kit + joints · 2.5 µm	661908008
Stainless steel mesh filtering spare kit + joints · 100 µm	661908006
Stainless steel mesh filtering spare kit + joints · 200 µm	661908007

PACKAGING OF 6 UNITS

- 470x325x495 mm
LxWxH (approx.)
- 11.5 kg
(approx.)
- 15 units / pallet
(EUR-pallet)



Metallic cabinets for microfilters

Cabinets to protect physically and visually the FG-300 and FG-450 microfilters with special treatment against the corrosion. Size and colour are customisable.

COMPONENTS

- › 1.5 mm sheet body
- › Door with transparent glass
- › Opening under the door for the hose
- › Locking with key

	Dimensions (approx.)	Weight (approx.)	
AFG · FG-300	632x590x880 mm	36 kg	570000000
AFG · double 2xFG-300	732x1,040x880mm	58 kg	570100000
AFG · FG-450	632x590x1,280 mm	50.5 kg	570200000



15 / Single-stage filters

The assembly of filters in parallel allows to configure a filter with the flow and diameter you need. It is advisable to install a filter with a higher flow than the pump flow. The higher the maximum filter flow is, better filtration efficiency. The longer the fluid is in contact with the filter cartridge, the more particles are retained. Customised configuration according to your needs.

P. 49 → FG-300 · FG-450

P. 50 → Cartridge spares

- ⓪ DIESEL
- ⓪ PETROL
- ⓪ BIODIESEL

FG-700

700 l/min	3"
-----------	----

TECHNICAL DATA

Transfer capacity:	700 l/min
Max. working pressure:	6 bar
Max. housing pressure:	10 bar
Dimensions (approx.):	900x650x775 mm
Net weight (approx.):	65 kg

COMPONENTS

- › 2x FG-300 in parallel
- › 1 fixed platform



	Cartridges	Connection	
FG-700 · 5	Water absorbent · 5 µm	DIN 2576 3"	662500200
FG-700 · 15	Water absorbent · 15 µm	DIN 2576 3"	662500000
FG-700 · 50	50 µm	DIN 2576 3"	662500100

15 /
Single-stage
filters

P. 49 → FG-300 ·
FG-450

P. 50 → Cartridge
spares

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ BIODIESEL

FG-1000 · FG-1400

1,000 · 1,400 l/min

3" · 4"



TECHNICAL DATA

Max. working pressure: 6 bar

Max. housing pressure: 10 bar

COMPONENTS

- › Aluminium, steel and stainless steel
- › 2 or 3 FG-450 in parallel
- › 1 fixed platform
- › Configurable cartridges according to your needs

	Cartridges	Connection	Transfer capacity	Dimensions (approx.)	Weight (approx.)	
FG-1000 · 5	Water absorbent · 5 µm	DIN 2576 3"	1,000 l/min	900x650x1,230 mm	75 kg	66261-CF00002
FG-1000 · 15	Water absorbent · 15 µm	DIN 2576 3"	1,000 l/min	900x650x1,230 mm	75 kg	66261-CF00000
FG-1000 · 50	50 µm	DIN 2576 3"	1,000 l/min	900x650x1,230 mm	75 kg	66261-CF00001
FG-1400 · 3	Water absorbent · 3 µm	DIN 2576 4"	1,400 l/min	1,200x850x1,230 mm	138 kg	66390-CF00000
FG-1400 · 5	Water absorbent · 5 µm	DIN 2576 4"	1,400 l/min	1,200x850x1,230 mm	138 kg	66390-CF00007
FG-1400 · 15	Water absorbent · 15 µm	DIN 2576 4"	1,400 l/min	1,200x850x1,230 mm	138 kg	66390-CF00003
FG-1400 · 50	50 µm	DIN 2576 4"	1,400 l/min	1,200x850x1,230 mm	138 kg	-

FG-2000 · FG-3000

2,000 · 3,000 l/min

6"

15 /
Single-stage
filters

P. 49 → FG-300 ·
FG-450

P. 50 → Cartridge
spares

-  DIESEL
-  PETROL
-  BIODIESEL



TECHNICAL DATA

Max. working pressure: 6 bar
Max. housing pressure: 10 bar

COMPONENTS

- › Aluminium, steel and stainless steel
- › 4 or 6 FG-450 in parallel
- › 1 fixed platform
- › Configurable cartridges according to your needs

	Cartridges	Connection	Transfer capacity	Dimensions (approx.)	Weight (approx.)	
FG-2000 · 3	Water absorbent · 3 µm	DIN 2576 6"	2,000 l/min	1,600x950x1,230 mm	235 kg	66360-CF00003
FG-2000 · 5	Water absorbent · 5 µm	DIN 2576 6"	2,000 l/min	1,600x950x1,230 mm	235 kg	66360-CF00002
FG-2000 · 15	Water absorbent · 15 µm	DIN 2576 6"	2,000 l/min	1,600x950x1,230 mm	235 kg	66360-CF00000
FG-2000 · 50	50 µm	DIN 2576 6"	2,000 l/min	1,600x950x1,230 mm	235 kg	66360-CF00001
FG-3000 · 15	Water absorbent · 15 µm	DIN 2576 6"	3,000 l/min	1,440x1,420x1,230 mm	315 kg	66470-CF00000

16 /

Two and three-stage filters

P. 49 → FG-300 · FG-450

P. 50 → Cartridge
spares

- DIESEL
- PETROL
- BIODIESEL

To assembly in-line the filters extends the life of the filtering elements, is more profitable and doubles the filtration efficiency. The single-stage filters retain the bigger particles, preventing from excessively clogging the next filters of better efficiency. Customised configuration according to your needs.

FG-300x2

300 l/min

2"

TECHNICAL DATA	
Transfer capacity:	300 l/min
Max. working pressure:	6 bar
Max. housing pressure:	10 bar
Connection:	F2" BSP
Dimensions (approx.):	1,000x430x775 mm
Net weight (approx.):	62 kg

- COMPONENTS
- › 2x FG-300 in line
 - › 1 fixed platform



Cartridges		
FG-300x2 · 50 / 15	50 µm / 15 µm water absorbent	66060-CF00001
FG-300x2 Mobile · 50 / 15	50 µm / 15 µm water absorbent	66060-CF00000

FG-450x2 · FG-700x2 · FG-1000x2

450 · 700 · 1,000 l/min

2" · 3" · 4"

16 /
Two and three-
stage filters

P. 49 → FG-300 ·
FG-450

P. 50 → Cartridge
spares

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ BIODIESEL



TECHNICAL DATA

Max. working pressure: 6 bar
Max. housing pressure: 10 bar

COMPONENTS

- › 4x FG-300 in line, 2x FG-450 in line or 4x FG-450 in line
- › 1 fixed platform

	Cartridges	Connection	Transfer capacity	Dimensions (approx.)	Weight (approx.)	
FG-450x2 · 50 / 15	50 µm / 15 µm water absorbent	F2" BSP	450 l/min	1,000x430x1,230 mm	72 kg	66090-CF00000
FG-700x2 · 50 / 15	50 µm / 15 µm water absorbent	DIN 2576 3"	700 l/min	1,000x820x775 mm	105 kg	66290-CF00000
FG-1000x2 · 50 / 15	50 µm / 15 µm water absorbent	DIN 2576 4"	1,000 l/min	1,100x830x1,230 mm	130 kg	66312-CF00000

16 /
Two and three-
stage filters

P. 49 → FG-300 ·
FG-450

P. 50 → Cartridge
spares

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ BIODIESEL

FG-2000x2 · FG-2000x3

2,000 l/min 6"



TECHNICAL DATA
Max. working pressure: 6 bar
Max. housing pressure: 10 bar
Connection: DIN 2576 6"

- COMPONENTS**
- › 8x FG-450 in line or 12x FG-450 in line
 - › 1 fixed platform

	Cartridges	Transfer capacity	Dimensions (approx.)	Weight (approx.)	
FG-2000x2 · 50 / 15	50 µm / 15 µm water absorbent	2,000 l/min	1,600x1,255x1,230 mm	375 kg	66362-CF00000
FG-2000x3 · 50 / 15	50 µm / 15 µm water absorbent	2,000 l/min	1,600x1,560x1,230 mm	500 kg	66361-CF00000

FG-3000x2

3,000 l/min

6"

16 /
Two and three-
stage filters

P. 49 → FG-300 ·
FG-450

P. 50 → Cartridge
spares

- Ⓢ DIESEL
- Ⓢ PETROL
- Ⓢ BIODIESEL



TECHNICAL DATA

Max. working pressure: 6 bar
Max. housing pressure: 10 bar
Connection: DIN 2576 6"
Dimensions (approx.): 2,984x1,440x1,230 mm
Net weight (approx.): 640 kg

COMPONENTS

- › 12x FG-450 in line (assembly)
- › 1 fixed platform

FG-3000x2 · 50 / 15	Cartridges	
	50 µm / 15 µm water absorbent	66490-CF00000

17 /

Filtering kits with pump

P. 10 → IRON-50
110/230 VAC

P. 15 → IRON-50 Ex
110/230 VAC ·
12/24 VDC

P. 16 → BAG-800 Ex
230 VAC ·
230/400 VAC

P. 47 → FG-100

P. 49 → FG-300 ·
FG-450

P. 50 → Cartridge
spares

Ⓢ DIESEL

Ⓢ PETROL

Ⓢ BIODIESEL

FILKIT

50 l/min

230 VAC

Mobile filtering kit.

TECHNICAL DATA

Dimensions (approx.):

570x500x1,050 mm

Net weight (approx.):

23 kg

COMPONENTS

- › Pump
- › 2x microfilters
- › Metallic trolley
- › Cut-off valve in the pump inlet
- › Cut-off valve in the filter outlet
- › Hose and nozzle hanger
- › FUP-1 filter



	Filter 1	Filter 2	Pump	Fluids	
FILKIT FG-100x2 · 25 / 5	25 µm	Water repellent · 5 µm	IRON-50 230 VAC	Ⓢ	662700000
FILKIT Ex FG-100x2 · 25 / 5	25 µm	Water repellent · 5 µm	IRON-50 Ex 230 VAC	Ⓢ Ⓢ	662700600
FILKIT FG-100/FG-70 · 25 / 10 · 25 / 10	25 µm	Water absorbent · 10 µm	IRON-50 230 VAC	Ⓢ	662700300

Optional

6 m suction hose + 4 m delivery hose + PSF-040 manual nozzle + check valve with filter	662708000
6 m suction hose + 4 m delivery petrol hose + PA-80 automatic nozzle + check valve with filter	662708001

FG-300x2+BAG-800 fixed or mobile filtering kit

100-150 l/min

230/400 · 230 VAC

Fixed or mobile filtering kit.

COMPONENTS

- › Self-suction blade pump
- › 2x FG-300 microfilters
(1 cartridge of 50 µm + 1 cartridge of 15 µm water absorbent)
- › Fixed platform or metallic trolley
- › 2 inlets for the air connection at pressure to make the filter cleaning



	Pump	Dimensions (approx.)	Fluids	
FG-300x2 Fixed filtering kit · 230 VAC	BAG-800 Single-phase	1,000x400x775 mm	Ⓢ Ⓢ Ⓢ	66156-CF00000
FG-300x2 Fixed filtering kit · 230/400 VAC	BAG-800 Triphase	1,000x400x775 mm	Ⓢ Ⓢ Ⓢ	66158-CF00000
FG-300x2 Mobile filtering kit · 230 VAC	BAG-800 Single-phase	1,000x400x905 mm	Ⓢ Ⓢ Ⓢ	66157-CF00000
FG-300x2 Mobile filtering kit · 230/400 VAC	BAG-800 Triphase	1,000x400x905 mm	Ⓢ Ⓢ Ⓢ	66159-CF00000

18 / Fuel treatment System

300 · 300x2 · 450x2 Fuel treatment System

140 l/min

15 µm · 50+15 µm

Automatic fuel treatment system for tanks. Programmable ON/OFF to remove water and microparticles.

P. 49 → FG-300 · FG-450

P. 50 → Cartridge spares

 DIESEL



TECHNICAL DATA

Flow: 140 l/min
Net weight (approx.): 67.5-104.5 kg

COMPONENTS

- › Self-suction blade pump
- › 1 or 2 FG-300 filters or 2 FG-450 filters
- › ON/OFF timer
- › IP-55 switchboard

	Pump	Cartridges	Dimensions (approx.)	Fluids	
300 Fuel Treatment System	BAG-800 230 VAC	Water absorbent · 15 µm	670x400x760 mm	 	66442-CF00000
300x2 Fuel Treatment System	BAG-800 230 VAC	50 µm / 15 µm water absorbent	1,000x400x760 mm	 	66440-CF00000
450x2 Fuel Treatment System	BAG-800 230 VAC	50 µm / 15 µm water absorbent	1,000x400x1,240mm	 	66400-CF00000
450x2 Fuel Treatment System	BAG-800 230/400 VAC	50 µm / 15 µm water absorbent	1,000x400x1,240mm	 	66400-CF00001

Optional

EExd available models



19 / Transfer and filtering kits

P. 12 → AG-90 12/24 VDC

P. 35 → MGE-110

P. 47 → FG-100

-  DIESEL
-  PETROL

Truck Kit · 12/24 VDC

55 l/min

±0.5 % accuracy

Fuel supply kit assembled in a fixed chassis for the fuel supply, filtering and measurement. Suitable to supply from a van or truck.



TECHNICAL DATA

Free flow:	55 l/min (with Ø1 ½" suction hose)
Accuracy:	±0.5 %
Operation:	S1
Pressure:	1.2 bar
Motor speed:	1,500 rpm
Dimensions (approx.):	500x680x850 mm
Net weight (approx.):	61 kg

COMPONENTS

- › Hose-reel with 10 m Ø1" hose
- › PA-80 automatic nozzle and nozzle hanger
- › Self-suction pump
- › ON/OFF switch
- › Connection box for a battery connection cable
- › MGE-110 Electronic meter · Accuracy ±0.5 %
- › FG-100 · Transparent microfilter

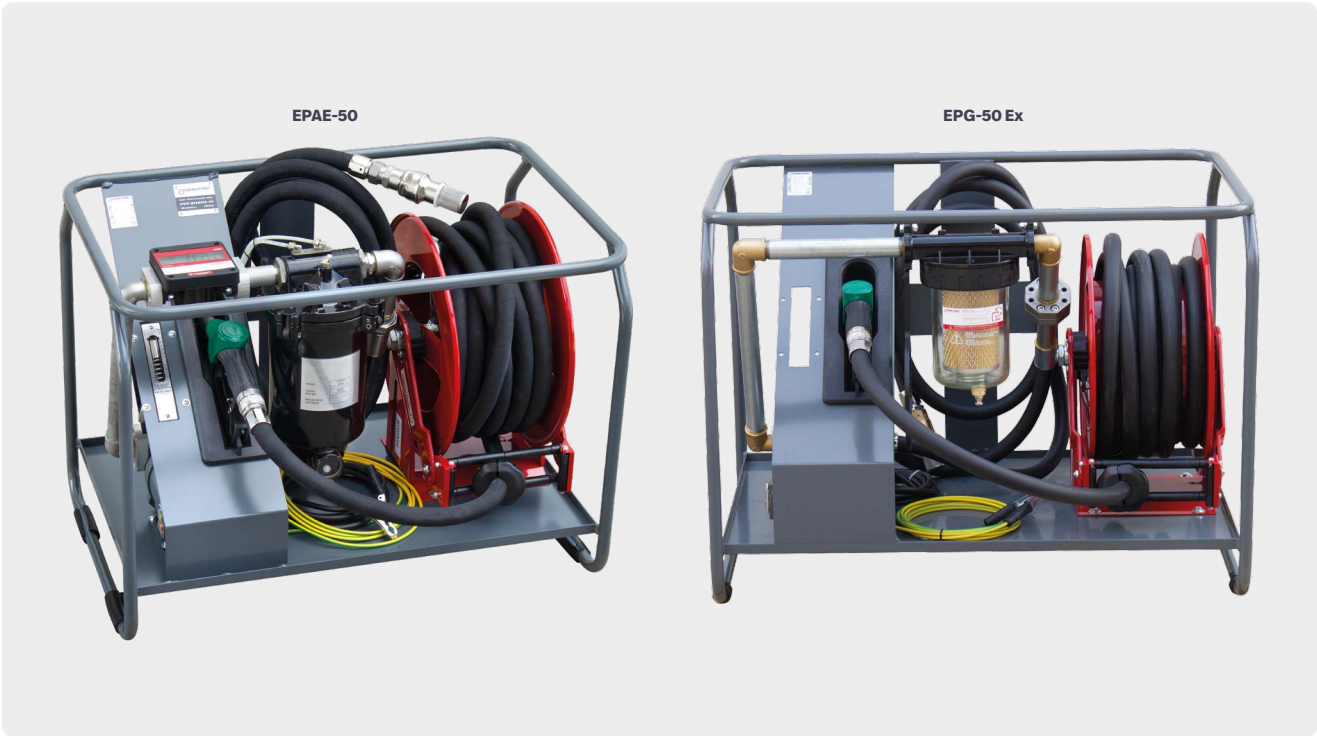
	Consumption	Pump	Fluids	
Truck Kit · AG-90 12 VDC	35-53 A	AG-90 12 VDC		15750-CF00000
Truck Kit · AG-90 24 VDC	25-32 A	AG-90 24 VDC		15750-CF00001

Transfer and filtering
portable kits · 12 VDC

44 l/min

1.9 bar

Compact, independent and smooth equipment specially designed for the micro-filtered and dry fuel supply.



19 /
Transfer and
filtering kits

- P. 10 → Diesel self-suction pumps
- P. 14 → Self-suction explosionproof pumps
- P. 35 → MGE-110
- P. 47 → FG-100
- P. 88 → PA-120 · Automatic nozzle
- P. 89 → PA-80 · Automatic nozzle

- Ⓢ DIESEL
- Ⓢ PETROL

TECHNICAL DATA

Flow: 44 l/min
Pressure: 1.9 bar
Dimensions (approx.): 650x520x620 mm
Net weight (approx.): 66 kg

COMPONENTS

- › Self-suction pump (customisable under request)
- › Earth cable with clamp (Ex pumps)
- › Filter
- › Polyamide nozzle hanger
- › Automatic nozzle
- › 4 m Ø19 mm suction hose

	Pump	Meter	Filter	Hose-reel	Nozzle	Fluids	
EPA-50 Ex	IRON-50 Ex 12 VDC	-	Separator filter	-	For aviation petrol	Ⓢ Ⓢ	66220-CF00000
EPAE-50 Ex	IRON-50 Ex 12 VDC	-	Separator filter	up to 10 m	PA-80G	Ⓢ Ⓢ	66230-CF00000
EPAE-50	IRON-50 Ex 12 VDC	MGE-110 Viton	Separator filter	up to 10 m	PA-80G	Ⓢ Ⓢ	66230-CF00004
EPG-50 Ex	IRON-50 Ex 12 VDC	-	FG-100G	-	PA-80G	Ⓢ Ⓢ	66221-CF00000
EPGE-50 Ex	IRON-50 Ex 12 VDC	-	FG-100G	up to 10 m	PA-80G	Ⓢ Ⓢ	66231-CF00000
EPG-90	AG-90 12 VDC	-	FG-100	-	PA-120	Ⓢ	66300-CF00000
EPGE-90	AG-90 12 VDC	-	FG-100	up to 10 m	PA-120	Ⓢ	66301-CF00000

20 / Mechanical dispensers

P. 10 → Diesel self-suction pumps

P. 14 → Self-suction explosionproof pumps

P. 32 → Mechanical meters

P. 88 → Manual & automatic nozzles

Ⓐ DIESEL

Ⓐ PETROL

COMPACT M

up to 85 l/min

12 VDC · 230 VAC

Supply mechanical kits with mechanical meter.
With total and partial of the supplied volume.

TECHNICAL DATA

Meter accuracy: ±1 %

COMPONENTS

- › Made of steel with corrosion protection and weatherproof
- › Self-suction pump with self-adjusting blades
- › Automatic nozzle
- › 4 m delivery hose
- › MG-80 · 3-digit mechanical meter



	Flow up to	Pump	Meter	Nozzle	Dimensions (approx.)	Weight (approx.)	Fluids	
COMPACT 50M-12	45 l/min	IRON-50 12 VDC	MG-80	PA-60	380x345x360 mm	18 kg	Ⓐ	28110-CF00000
COMPACT 50M-230	50 l/min	IRON-50 230 VAC	MG-80	PA-60	380x345x360 mm	21 kg	Ⓐ	28040-CF00000
COMPACT 75M-230	70 l/min	IRON-75 230 VAC	MG-80	PA-80	380x345x360 mm	21 kg	Ⓐ	28270-CF00000
COMPACT 90M-12	80 l/min	AG-90 12 VDC	MG-80	PA-80	383x435x360 mm	28.5 kg	Ⓐ	28190-CF00000
COMPACT 100M-230	85 l/min	AG-100 230 VAC	MG-80	PA-120	383x435x360 mm	32 kg	Ⓐ	28280-CF00000
COMPACT 50M-12 Ex	50 l/min	IRON-50 Ex 12 VDC	MG-80V	PA-80	383x435x360 mm	28.5 kg	Ⓐ Ⓐ	28140-CF00012
COMPACT 50M-230 Ex	50 l/min	IRON-50 Ex 230 VAC	MG-80V	PA-80	383x435x360 mm	28.5 kg	Ⓐ Ⓐ	28140-CF00011
COMPACT 800M-230 Ex	80 l/min	AG-800 Ex 230 VAC	MG-80V	PA-80	383x435x360 mm	32 kg	Ⓐ Ⓐ	28150-CF00002

TOTEM M

up to 85 l/min

12 VDC · 230 VAC

Supply mechanical kits with aluminium mechanical meter.
With total and partial of the supplied volume.

TECHNICAL DATA

Meter accuracy: ±1 %
Dimensions (approx.): 460x400x1,500 mm
Net weight (approx.): 50-57 kg

COMPONENTS

- › Chassis in steel, stainless steel and aluminium with corrosion protection and weatherproof
- › Self-suction pump with self-adjusting blades
- › Automatic nozzle
- › 4 m delivery hose
- › MG-84A · 4-digit mechanical aluminium meter



	Flow up to	Pump	Nozzle	Fluids	
TOTEM 50M-230	50 l/min	IRON-50 230 VAC	PA-60	Ⓐ	27150-CF00000
TOTEM 75M-230	70 l/min	IRON-75 230 VAC	PA-80	Ⓐ	27260-CF00000
TOTEM 100M-230	90 l/min	AG-100 230 VAC	PA-120	Ⓐ	27270-CF00000
TOTEM 50M-230 Ex	50 l/min	IRON-50 Ex 230 VAC	PA-80	Ⓐ Ⓐ	27170-CF00002
TOTEM 800M-230 Ex	70 l/min	AG-800 Ex 230 VAC	PA-80	Ⓐ Ⓐ	27180-CF00003

STM

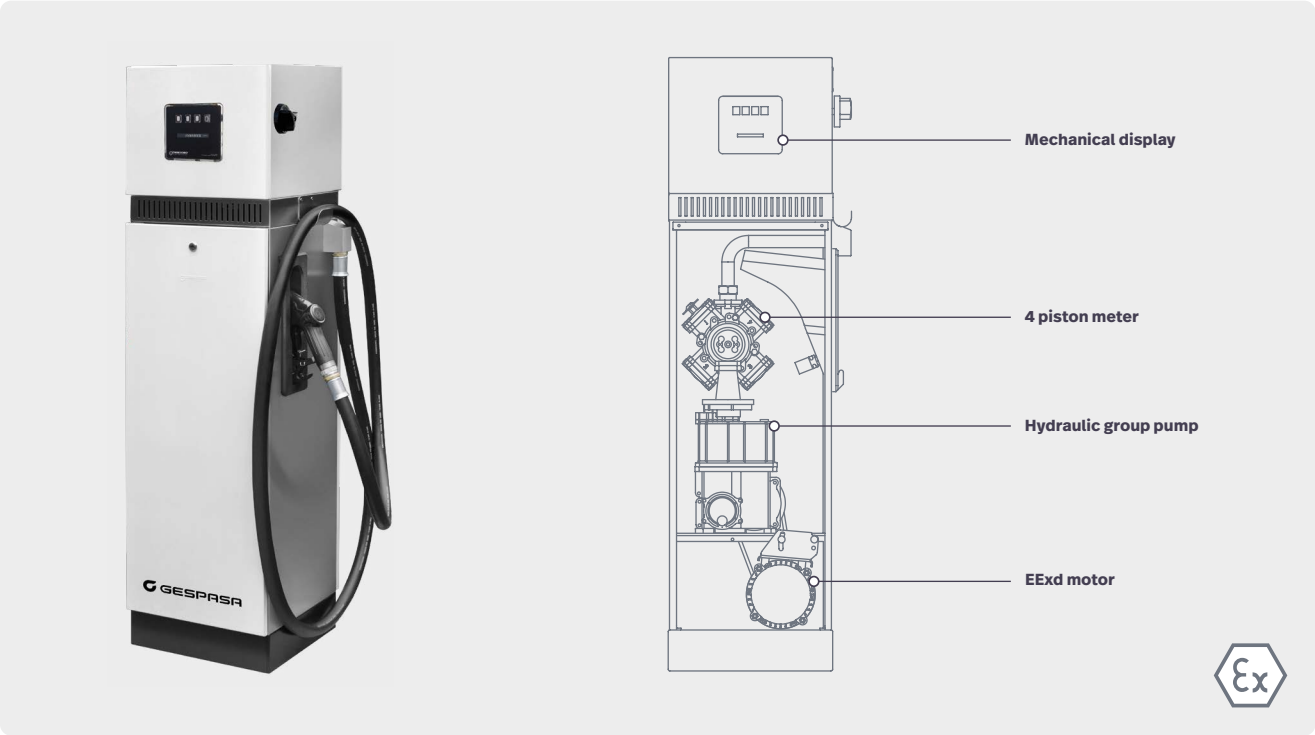
up to 110 l/min

230 · 230/400 VAC

20 /
Mechanical
dispensers

Mechanical industrial dispenser with aluminium mechanical meter.
With total and partial of the supplied volume.

 DIESEL
 PETROL



TECHNICAL DATA

Meter accuracy: ±0.2 %
Display integers and decimals: 999.9
Totalizer: 7 digits
Dimensions (approx.): 460x400x1,500 mm
Net weight (approx.): 81.5 kg

COMPONENTS

- › Chassis in steel, stainless steel and aluminium with treatment to maximise corrosion protection and weatherproof
- › High accuracy hydraulic group
- › Hydraulic group pump: self-suction, eccentric with self-adjusting blades with gas separator
- › Meter made of aluminium of 4 pistons with positive displacement and pulser of two 2 channels of 100 pulses per litre.
- › Hydraulic group motor: EExd Motor with ATEX certificate and IP-55 protection
- › 1 mechanical display
- › 4 m delivery hose
- › Automatic nozzle

	Flow up to	EExd Motor	Fluids	
STM-80 Single-phase	80 l/min	1 kW Single-phase 230 VAC	 	42260-CF00100
STM-80 Triphase	80 l/min	1 kW Triphase 230/400 VAC	 	42260-CF00000
STM-110 Triphase	110 l/min	1.5 kW Triphase 230/400 VAC	 	42261-CF00000

21 / COMPACT dispensers

P. 10 → Diesel self-suction pumps

P. 37 → MGI-110

P. 47 → FG-100

P. 88 → Manual & automatic nozzles

P. 90 → Hoses & suction kits

P. 98 → Pedestal bases

COMPACT supply kits are the most reduced version of our supply kits. Suitable for the diesel supply, measurement and control to own consumption vehicles.

 DIESEL

- 1

1 electronic display

› 4 options available: E, GE, GK-7 & GK-7Plus
- 2

Chassis

› Made of steel

› Treatment to maximise corrosion protection

› Weatherproof

Pulser

› MGI-110 Pulser · 90° Reeds

› MGI-110 Pulser · 90° Hall Effect

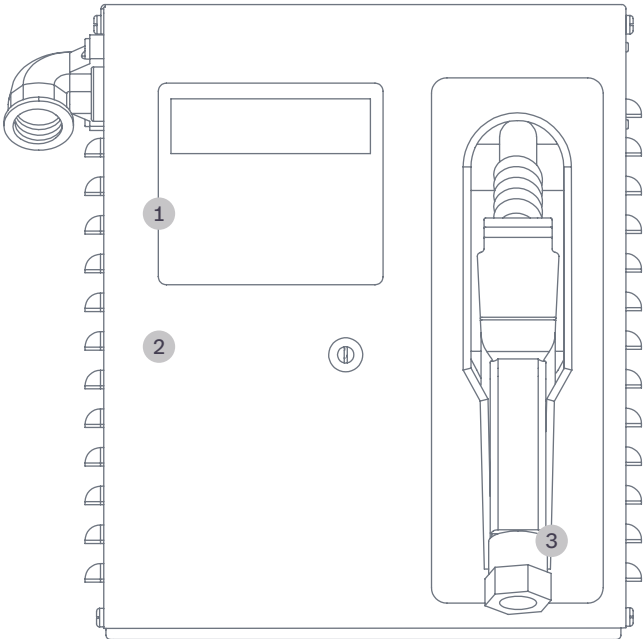
Pump

› Self-suction, eccentric with self-adjusting blades
- 3

Nozzle & hose

› Automatic nozzle

› 4 m delivery hose of double layer



Optional		
①	Hexagonal pedestal base · height 1 m	800400015
	F1" aluminium flange kit	800003029
	4 m Ø19 mm antistatic petrol hose with adapters in both ends	803406101
②	FG-100BIO · Diesel microfilter of 25 µm	39023-CF00010

COMPACT E

up to 85 l/min 12 VDC · 230 VAC Display E

Electronic supply kits with digital display. Partial indicator of 5 digits and totaliser of 7 digits (scroll mode). To reset the display to zero, it is necessary to press the RESET button.

TECHNICAL DATA

Pulser accuracy: ±0.5 %
Dimensions (approx.): 405x460x405 mm
Net weight (approx.): 17.5-37.5 kg

COMPONENTS

- › MGI-110 Pulser · Reeds 90°
- › Display E with tropicalised electronics and button battery of long duration (approx. 4 years)
- › RESET & TOTAL buttons



21 /
COMPACT
dispensers

P. 40 → Display E

P. 41 → Display GE
12/24 VDC ·
110/230 VAC

Ⓢ DIESEL

	Flow up to	Pump	Nozzle	Fluids	
COMPACT 50E-12	45 l/min	IRON-50 12 VDC	PA-60	Ⓢ	28240-CF00000
COMPACT 50E-230	50 l/min	IRON-50 230 VAC	PA-60	Ⓢ	28052-CF00000
COMPACT 75E-230	70 l/min	IRON-75 230 VAC	PA-80	Ⓢ	28290-CF00000
COMPACT 90E-12	80 l/min	AG-90 12 VDC	PA-80	Ⓢ	28250-CF00000
COMPACT 100E-230	85 l/min	AG-100 230 VAC	PA-120	Ⓢ	28300-CF00000

COMPACT GE

up to 85 l/min 12 VDC · 230 VAC Display GE

Electronic supply kits with digital display. 6-digit partial indicator and totaliser and volume preset. The display is automatically reset to zero when the nozzle is unhung.

TECHNICAL DATA

Pulser accuracy: ±0.5 %
Dimensions (approx.): 405x460x405 mm
Net weight (approx.): 20.5-37 kg

COMPONENTS

- › MGI-110 Pulser · 90° Hall Effect
- › GE display · 6-digit electronic console powered at 230 VAC
- › x1 & x10 buttons to preset the volume to be supplied
- › Signal amplifier output for connection to a display or an external controller



	Flow up to	Pump	Nozzle	Fluids	
COMPACT 50GE-230	50 l/min	IRON-50 230 VAC	PA-60	Ⓢ	28055-CF00000
COMPACT 75GE-230	70 l/min	IRON-75 230 VAC	PA-80	Ⓢ	28295-CF00000
COMPACT 100GE-230	85 l/min	AG-100 230 VAC	PA-120	Ⓢ	28301-CF00000

COMPACT K

up to 85 l/min

12 VDC · 230 VAC

GKSuite

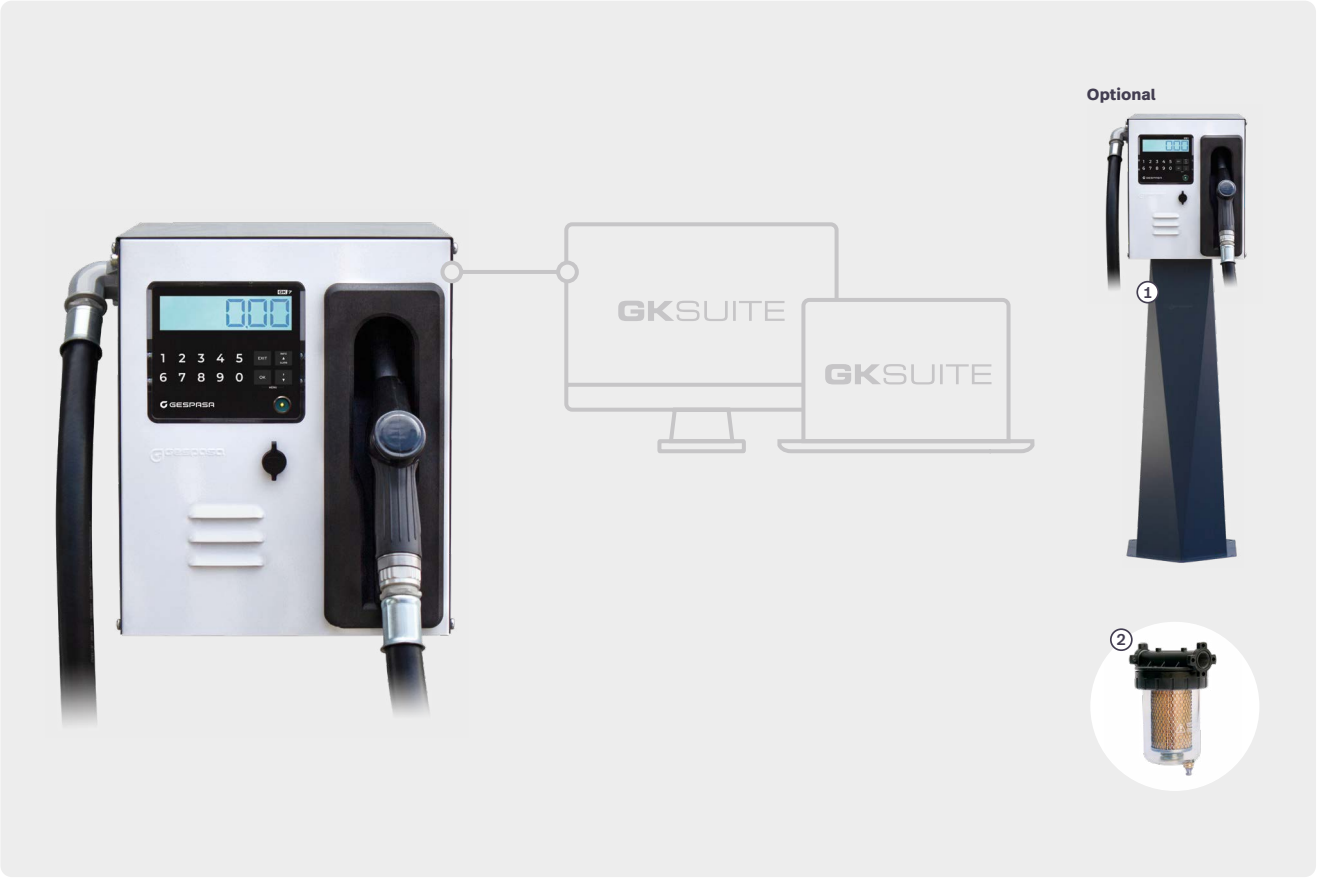
P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 163 → GK-7 &
GK-7M

P. 171 → GKSuite
Desktop Software

Electronic supply kits with embedded GK-7 own consumption controller
that communicates with the GKSuite software installed in your PC.

DIESEL



TECHNICAL DATA

Pulser accuracy: ±0.5 %
Dimensions (approx.): 405x460x405 mm
Net weight (approx.): 22.5-39.5 kg

COMPONENTS

- › MGI-110 Pulser · 90° Hall Effect
- › Display GK-7
- › GK-7 controller of users and vehicles that communicates with the GKSuite software installed in a PC
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 60-user/vehicle memory included by default (other memories available)
- › Identification key reader iButton included by default (other identification systems available)

	Flow up to	Pump	Nozzle	Fluids	
COMPACT 50K-60 230	50 l/min	IRON-50 230 VAC	PA-60	⊙	28540-CF00000
COMPACT 50K-60 12	45 l/min	IRON-50 12 VDC	PA-60	⊙	28580-CF00000
COMPACT 75K-60 230	70 l/min	IRON-75 230 VAC	PA-80	⊙	28640-CF00000
COMPACT 90K-60 12	80 l/min	AG-90 12 VDC	PA-80	⊙	28590-CF00000
COMPACT 100K-60 230	85 l/min	AG-100 230 VAC	PA-120	⊙	28650-CF00000

COMPACT Plus

up to 85 l/min

12 VDC · 230 VAC

DieselPlus

Electronic supply kits with embedded GK-7Plus controller that communicates with the DieselPlus cloud software.

21 /
COMPACT
dispensers

P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 167 → GK-7Plus &
GK-7PlusM

P. 173 → DieselPlus
Cloud Software

 DIESEL



TECHNICAL DATA

Pulser accuracy:	±0.5 %
Dimensions (approx.):	405x460x415 mm
Net weight (approx.):	22.5-39.5 kg

COMPONENTS

- › MGI-110 Pulser · 90° Hall Effect
- › Display GK-7Plus
- › GK-7Plus controller of users and vehicles that communicates with the DieselPlus cloud software
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 60-user/vehicle · 1,000 services memory included by default (other memories available)
- › Identification key reader iButton included by default (other identification systems available)

	Flow up to	Pump	Nozzle	Fluids	
COMPACT 50Plus-60 230	45 l/min	IRON-50 230 VAC	PA-60		28541-CF00000
COMPACT 50Plus-60 12	50 l/min	IRON-50 12 VDC	PA-60		28583-CF00000
COMPACT 75Plus-60 230	70 l/min	IRON-75 230 VAC	PA-80		28641-CF00000
COMPACT 90Plus-60 12	80 l/min	AG-90 12 VDC	PA-80		28592-CF00000
COMPACT 100Plus-60 230	85 l/min	AG-100 230 VAC	PA-120		28651-CF00000

22 / TOTEM dispensers

P. 10 → Diesel self-suction pumps
P. 37 → MGI-110
P. 47 → FG-100
P. 88 → Manual & automatic nozzles
P. 90 → Hoses & suction kits

Electronic supply kits assembled in a column chassis, ready to be directly fixed to the ground without base or additional accessories. Suitable for the diesel supply, measurement and control to own consumption vehicles.

⑤ DIESEL

- 1

1 electronic display

› 4 options available: E, GE, GK-7 & GK-7Plus
- 2

Chassis

› Chassis in steel, stainless steel and aluminium

› Treatment to maximise corrosion protection

› Weatherproof
- 3

Pulser

› MGI-110 Pulser · 90° Reeds

› MGI-110 Pulser · 90° Hall Effect
- 4

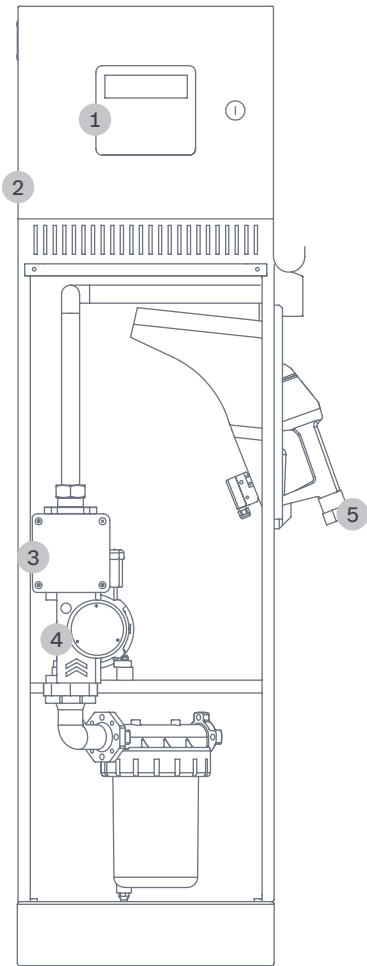
Pump

› Self-suction, eccentric with self-adjusting blades
- 5

Nozzle & hose

› Automatic nozzle

› 4 m delivery hose of double layer



Optional		
①	FG-100 microfilter kit (TOTEM 50/75/100)	272300100
②	Protection sunshield	FE016001

TOTEM E

up to 90 l/min

230 VAC

Display E

Electronic supply kits with digital display. Partial indicator of 5 digits and totaliser of 7 digits (scroll mode). To reset the display to zero, it is necessary to press the RESET button.

22 /
TOTEM
dispensers

P. 40 → Display E

Ⓢ DIESEL



TECHNICAL DATA

Pulser accuracy: ±0.5 %
Dimensions (approx.): 460x400x1,500 mm
Net weight (approx.): 50-57 kg

COMPONENTS

- › MGI-110 Pulser · Reeds 90°
- › Display E with tropicalised electronics and button battery of long duration (approx. 4 years)
- › RESET & TOTAL buttons

	Flow up to	Pump	Nozzle	Fluids	
TOTEM 50E-230	50 l/min	IRON-50 230 VAC	PA-60	Ⓢ	27191-CF00000
TOTEM 75E-230	70 l/min	IRON-75 230 VAC	PA-80	Ⓢ	27281-CF00000
TOTEM 100E-230	90 l/min	AG-100 230 VAC	PA-120	Ⓢ	27291-CF00000

TOTEM GE

up to 90 l/min

230 VAC

Display GE

P. 41 → Display GE
12/24 VDC ·
110/230 VAC

Electronic supply kits with digital display of 6-digit partial indicator and totaliser and volume preset. The display is automatically reset to zero when the nozzle is unhung.

DIESEL



TECHNICAL DATA	
Pulser accuracy:	±0.5 %
Dimensions (approx.):	460x400x1,500 mm
Net weight (approx.):	50-57 kg

- COMPONENTS
- › MGI-110 Pulser · 90° Hall Effect
 - › GE display · 6-digit electronic console powered at 230 VAC
 - › x1 & x10 buttons to preset the volume to be supplied
 - › Signal amplifier output for connection to a display or an external controller

	Flow up to	Pump	Nozzle	Fluids	
TOTEM 50GE-230	50 l/min	IRON-50 230 VAC	PA-60	Ⓢ	27192-CF00000
TOTEM 75GE-230	70 l/min	IRON-75 230 VAC	PA-80	Ⓢ	27282-CF00000
TOTEM 100GE-230	90 l/min	AG-100 230 VAC	PA-120	Ⓢ	27293-CF00000

TOTEM K

up to 90 l/min

230 VAC

GKSuite

Electronic supply kits with embedded GK-7 own consumption controller that communicates with the GKSuite software installed in your PC.

22 /
TOTEM
dispensers

- P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC
- P. 163 → GK-7 &
GK-7M
- P. 171 → GKSuite
Desktop Software

Ⓢ DIESEL



TECHNICAL DATA

Pulser accuracy: ±0.5 %
Dimensions (approx.): 460x400x1,500 mm
Net weight (approx.): 50-57 kg

COMPONENTS

- › MGI-110 Pulser · 90° Hall Effect
- › Display GK-7
- › GK-7 controller of users and vehicles that communicates with the GKSuite software installed in a PC
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 60-user/vehicle memory included by default (other memories available)
- › Identification key reader iButton included by default (other identification systems available)

	Flow up to	Pump	Nozzle	Fluids	
TOTEM 50K-230-60u	50 l/min	IRON-50 230 VAC	PA-60	Ⓢ	27210-CF00000
TOTEM 75K-230-60u	70 l/min	IRON-75 230 VAC	PA-80	Ⓢ	27340-CF00000
TOTEM 100K-230-60u	90 l/min	AG-100 230 VAC	PA-120	Ⓢ	27350-CF00000

P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 167 → GK-7Plus &
GK-7PlusM

P. 173 → DieselPlus
Cloud Software

DIESEL

TOTEM Plus

up to 90 l/min

230 VAC

DieselPlus

Electronic supply kits with embedded GK-7Plus own consumption controller that communicates with the DieselPlus cloud software.



Optional



TECHNICAL DATA

Pulser accuracy:	±0.5 %
Dimensions (approx.):	460x400x1,510 mm
Net weight (approx.):	50-57 kg

COMPONENTS

- › MGI-110 Pulser · 90° Hall Effect
- › Display GK-7Plus
- › GK-7Plus controller of users and vehicles that communicates with the DieselPlus cloud software
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 60-user/vehicle · 1,000 services memory included by default (other memories available).
- › Identification key reader iButton included by default (other identification systems available)

	Flow up to	Pump	Nozzle	Fluids	
TOTEM 50Plus-230-60u	50 l/min	IRON-50 230 VAC	PA-60	Ⓢ	27212-CF00000
TOTEM 75Plus-230-60u	70 l/min	IRON-75 230 VAC	PA-80	Ⓢ	27341-CF00000
TOTEM 100Plus-230-60u	90 l/min	AG-100 230 VAC	PA-120	Ⓢ	27351-CF00000

23 / Industrial dispensers

Electronic supply kits with ATEX components. They are composed of one or two high accuracy hydraulic groups. Three different models available: STE, SHK & SHPlus.

P. 48 → FG-150

P. 49 → FG-300 · FG-450

P. 88 → Manual & automatic nozzles

P. 90 → Hoses & suction kits

- 1

1 or 2 electronic displays
 - › 3 options available: GE, GK-7 & GK-7Plus
- 2

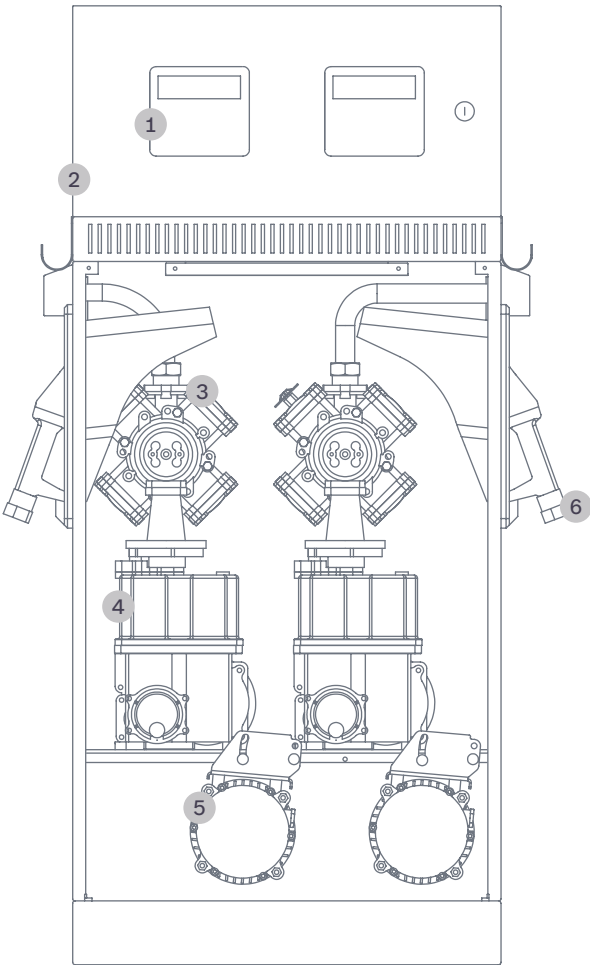
Chassis
 - › Chassis in steel, stainless steel and aluminium
 - › Treatment to maximise corrosion protection
 - › Weatherproof
- 3

4 piston meter
 - › Made of aluminium of 4 pistons with positive displacement and pulser of 2 channels of 100 pulses per litre
- 4

Hydraulic group pump
 - › Self-suction, eccentric with self-adjusting blades and gas separator
- 5

EExd motor
 - › With ATEX certificate and IP-55 protection
- 6

Nozzle & hose
 - › Automatic nozzle
 - › 4 m delivery hose of double layer



 DIESEL
 PETROL

Optional

Flexible suction tube with 2" flange	807610002
4 m Ø19 mm antistatic unleaded petrol hose with adapters in both ends	803406101
PA-80 · Automatic unleaded petrol nozzle	472500400
Gas recovery kit for petrol · Phase II	268300000
High anchorage base	268904021

P. 41 → Display GE
12/24 VDC ·
110/230 VAC

STE-GE · STE GED

up to 110 l/min 230 VAC · 230/400 VAC Display GE

Simple or double supply kits with one or two digital displays of 6-digit partial indicator and totaliser and volume preset.



TECHNICAL DATA
Pulser accuracy: ±0.2 %
Dimensions (approx.): 800x400x1,500 mm
Net weight (approx.): 110 kg (1 hose) / 146 kg (2 hoses)

- COMPONENTS**
- › One ore two GE: 6-digit electronic console with luminous display and volume preset powered at 230 VAC
 - › x1 & x10 buttons to preset the volume to be supplied
 - › Signal amplifier output for connection to a display or an external controller

	Flow up to	EExd Motor	1 hose	2 hoses
STE-80GE Single-phase	80 l/min	1 kW 230 VAC	42000-CF00000	42010-CF00000
STE-80GE Triphase	80 l/min	1 kW 230/400 VAC	42001-CF00000	42011-CF00000
STE-110GE Triphase	110 l/min	1.5 kW 230/400 VAC	42002-CF00000	42012-CF00000

SHK · SHK-D

23 /
Industrial
dispensers

up to 110 l/min 230 VAC · 230/400 VAC GKSuite

Simple or double supply kits with embedded GK-7 own consumption controller that communicates with the GKSuite software installed in your PC.

P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 163 → GK-7 &
GK-7M

P. 171 → GKSuite
Desktop Software



TECHNICAL DATA

Pulser accuracy: ±0.2 %
Dimensions (approx.): 800x400x1,500 mm
Net weight (approx.): 110 kg (1 hose) / 146 kg (2 hoses)

COMPONENTS

- › GK-7 controller of users and vehicles that communicates with the GKSuite software installed in a PC
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 130 or 1,000-user/vehicle memory included by default
- › Identification key reader iButton included by default (other identification systems available)

	Flow up to	EExd Motor	1 hose	2 hoses
SHK-80-130u Single-phase	80 l/min	1 kW 230 VAC	42020-CF00000	42040-CF00000
SHK-80-1000u Single-phase	80 l/min	1 kW 230 VAC	42020-CF00001	42040-CF00001
SHK-80-130u Triphase	80 l/min	1 kW 230/400 VAC	42080-CF00000	42100-CF00000
SHK-80-1000u Triphase	80 l/min	1 kW 230/400 VAC	42080-CF00001	42100-CF00001
SHK-110-130u Triphase	110 l/min	1.5 kW 230/400 VAC	42120-CF00000	42140-CF00000
SHK-110-1000u Triphase	110 l/min	1.5 kW 230/400 VAC	42120-CF00001	42140-CF00001
SHK-80/110-130u Triphase	110 l/min	1.5 kW 230/400 VAC	-	42170-CF00000
SHK-80/110-1000u Triphase	110 l/min	1.5 kW 230/400 VAC	-	42170-CF00001

Optional

Thermal ticket printer	FE006002
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P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 167 → GK-7Plus &
GK-7PlusM

P. 173 → DieselPlus
Cloud Software

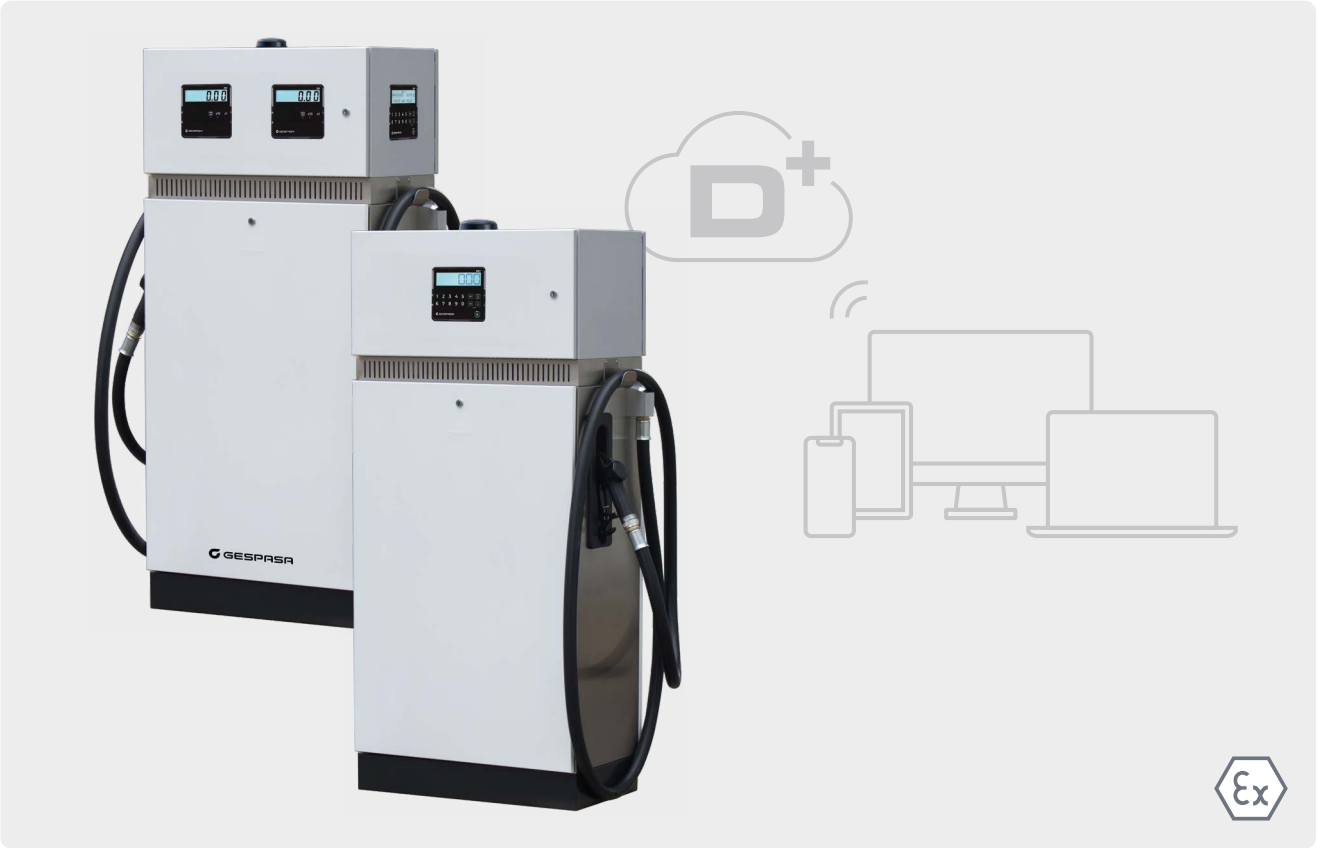
SH-Plus · SH-PlusD

up to 110 l/min

230 VAC · 230/400 VAC

DieselPlus

Simple or double supply kits with embedded GK-7Plus own consumption
controller that communicates with the cloud software DieselPlus.



TECHNICAL DATA

Pulser accuracy: ±0.2 %
Dimensions (approx.): 800x400x1,500 mm
Net weight (approx.): 110 kg (1 hose) / 146 kg (2 hoses)

COMPONENTS

- › GK-7Plus controller of users and vehicles that communicates with the DieselPlus cloud software
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 130-user/vehicle · 1,000 services memory included by default
- › Identification key reader iButton included by default (other identification systems available).

	Flow up to	EExd Motor	1 hose	2 hoses
SH-80Plus-130u Single-phase	80 l/min	1 kW 230 VAC	42030-CF00000	42050-CF00000
SH-80Plus-1000u Single-phase	80 l/min	1 kW 230 VAC	42030-CF00001	42050-CF00001
SH-80Plus-130u Triphase	80 l/min	1 kW 230/400 VAC	42090-CF00000	42110-CF00000
SH-80Plus-1000u Triphase	80 l/min	1 kW 230/400 VAC	42090-CF00001	42110-CF00001
SH-110Plus-130u Triphase	110 l/min	1.5 kW 230/400 VAC	42130-CF00000	42150-CF00000
SH-110Plus-1000u Triphase	110 l/min	1.5 kW 230/400 VAC	42130-CF00001	42150-CF00001
SH-80/110Plus-130u Triphase	110 l/min	1.5 kW 230/400 VAC	-	42180-CF00000
SH-80/110Plus-1000u Triphase	110 l/min	1.5 kW 230/400 VAC	-	42180-CF00001

Optional

Thermal ticket printer	FE006002
------------------------	----------

24 / DUO dispensers

Supply kits suitable for fuel and AdBlue/DEF supply in a simultaneous way. They are composed of one high accuracy hydraulic group for fuel and one AdBlue/DEF dispenser.

- 1

2 electronic displays

› 3 options available: GE, GK-7 & GK-7Plus
- 2

Chassis

› Chassis in steel, stainless steel and aluminium

› Treatment to maximise corrosion protection

› Weatherproof
- 3

4 piston meter

› Made of aluminium of 4 pistons with positive displacement and pulser of 2 channels of 100 pulses per litre
- 4

Fuel hydraulic group pump

› Self-suction, eccentric with self-adjusting blades and gas separator
- 5

Fuel EExd motor

› With ATEX certificate and IP-55 protection
- 6

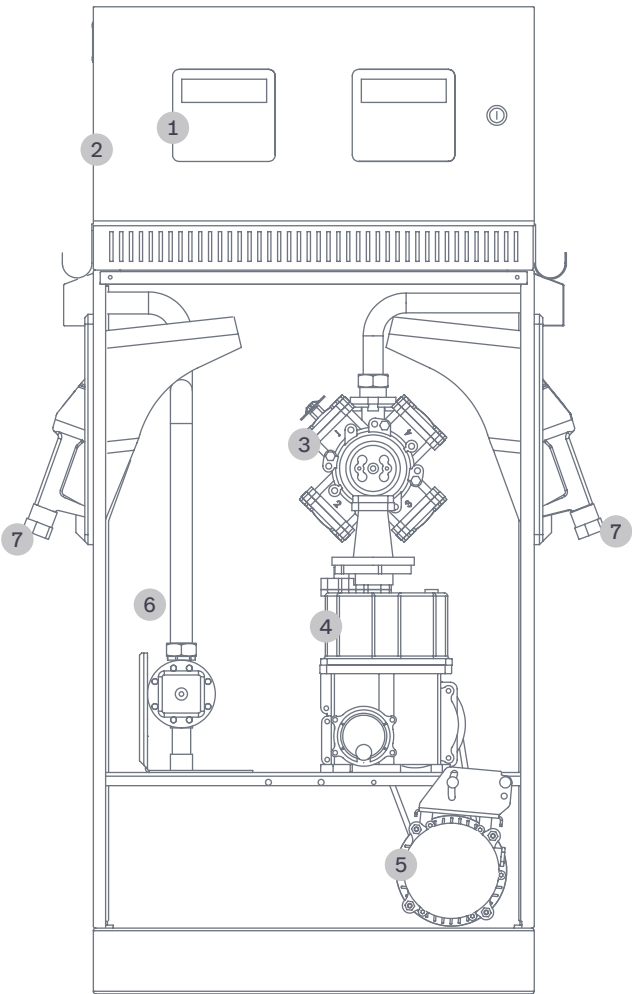
AdBlue/DEF dispenser

› MGI-40Blue pulser
- 7

Nozzles & hoses

› Automatic fuel nozzle + 4 m delivery hose

› Automatic AdBlue/DEF nozzle + 4 m delivery hose



P. 48 → FG-150

P. 49 → FG-300 ·
FG-450

P. 88 → Manual &
automatic nozzles

P. 113 → SP-80 230
VAC

P. 117 → MGI-40Blue

P. 120 → FG-100Blue

P. 130 → PA-60U ·
Automatic nozzle

- Ⓟ

DIESEL
- Ⓛ

ADBLUE / DEF

Optional

Flexible suction tube with 2" flange	807610002
FG-150 · 5 µm · water-repellent filtering paper Microfilter	660500000
FG-300/15 · Water absorbent microfilter with aluminium housing · F2" · 15 µm	66194-CF00019
FG-100Blue filter kit	FE027010
Submersible AdBlue/DEF Pump · 230 V	021900400

24 /
DUO dispensers

STE DUO GE

80 · 110 l/min

230 · 230/400 VAC

Display GE

P. 41 → Display GE
12/24 VDC ·
110/230 VAC

Supply kits with digital display of 6-digit partial indicator and totaliser and volume preset.

- DIESEL
- ADBLUE / DEF



TECHNICAL DATA

Fuel pulser accuracy:	±0.2 %
AdBlue/DEF pulser accuracy:	±0.8 %
Dimensions (approx.):	800x400x1,500 mm
Net weight (approx.):	146 kg

COMPONENTS

- › Two GE: 6-digit electronic console with luminous display and volume preset powered at 230 VAC
- › x1 & x10 buttons to preset the volume to be supplied
- › Signal amplifier output for connection to a display or an external controller

	Flow	EExd Motor	Fluids	
STE-80GE DUO/SB-45U Single-phase	80 l/min	1 kW 230 VAC		42222-CF00000
STE-80GE DUO/SB-45U Triphase	80 l/min	1 kW 230/400 VAC		42220-CF00000
STE-110GE DUO/SB-45U Triphase	110 l/min	1.5 kW 230/400 VAC		42230-CF00000

SHK DUO

80 · 110 l/min

230 · 230/400 VAC

GKSuite

Supply kits with embedded GK-7 controller that communicates with the GKSuite software installed in your PC.

24 /
DUO dispensers

P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 163 → GK-7 &
GK-7M

P. 171 → GKSuite
Desktop Software

- DIESEL
- ADBLUE / DEF



TECHNICAL DATA

Fuel pulser accuracy:	±0.2 %
AdBlue/DEF pulser accuracy:	±0.8 %
Dimensions (approx.):	800x400x1,500 mm
Net weight (approx.):	146 kg

COMPONENTS

- › GK-7 controller of users and vehicles that communicates with the GKSuite software installed in a PC
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 130 or 1,000-user/vehicle memory included by default
- › Identification key reader iButton included by default (other identification systems available)

	Flow	EExd Motor	User/Vehicle	Fluids	
SHK-80 DUO-130U + GE/SB-45U Single-phase	80 l/min	1 kW 230 VAC	130		42061-CF00000
SHK-80 DUO-130U + GE/SB-45U Triphase	80 l/min	1 kW 230/400 VAC	130		42060-CF00000
SHK-80 DUO-1000U + GE/SB-45U Triphase	80 l/min	1.5 kW 230/400 VAC	1,000		42060-CF00001
SHK-80 DUO-1000U + GE/SB-45U Single-phase	80 l/min	1 kW 230 VAC	1,000		42061-CF00001
SHK-110 DUO-130U + GE/SB-45U Triphase	110 l/min	1.5 kW 230/400 VAC	130		42200-CF00000
SHK-110 DUO-1000U + GE/SB-45U Triphase	110 l/min	1.5 kW 230/400 VAC	1,000		42200-CF00001

24 /
DUO dispensers

P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 167 → GK-7Plus &
GK-7PlusM

P. 173 → DieselPlus
Cloud Software

- Ⓢ DIESEL
- Ⓢ ADBLUE / DEF

SHPlus DUO

80 · 110 l/min

230 · 230/400 VAC

DieselPlus

Supply kits with embedded GK-7Plus controller that communicates with the DieselPlus cloud software.



TECHNICAL DATA

Fuel pulser accuracy:	±0.2 %
AdBlue/DEF pulser accuracy:	±0.8 %
Dimensions (approx.):	800x400x1,500 mm
Net weight (approx.):	146 kg

COMPONENTS

- › GK-7Plus controller of users and vehicles that communicates with the DieselPlus cloud software
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 130 or 1,000-user/vehicle memory included by default
- › Identification key reader iButton included by default (other identification systems available)

	Flow	EExd Motor	User/Vehicle	Fluids	
SH-80PLUS DUO-130U + GE/SB-45U Single-phase	80 l/min	1 kW 230 VAC	130	Ⓢ Ⓢ	42071-CF00000
SH-80PLUS DUO-130U + GE/SB-45U Triphase	80 l/min	1 kW 230/400 VAC	130	Ⓢ Ⓢ	42070-CF00000
SH-80PLUS DUO-1000U + GE/SB-45U Triphase	80 l/min	1.5 kW 230/400 VAC	1,000	Ⓢ Ⓢ	42070-CF00001
SH-80PLUS DUO-1000U + GE/SB-45U Single-phase	80 l/min	1 kW 230 VAC	1,000	Ⓢ Ⓢ	42071-CF00001
SH-110PLUS DUO-130U + GE/SB-45U Triphase	110 l/min	1.5 kW 230/400 VAC	130	Ⓢ Ⓢ	42210-CF00000
SH-110PLUS DUO-1000U + GE/SB-45U Triphase	110 l/min	1.5 kW 230/400 VAC	1,000	Ⓢ Ⓢ	42210-CF00001

25 / MonsterJet dispensers

High flow supply kits with ATEX components and two high accuracy hydraulic groups in parallel. The high flow supply reduces the waiting time in the supply, allowing you to save time and size the installation with fewer jets.

P. 48 → FG-150

P. 49 → FG-300 · FG-450

P. 89 → PA-250 · Automatic nozzle

P. 90 → Hoses & suction kits

 DIESEL
 PETROL

- 1

1 electronic display

› 3 options available: GE, GK-7 & GK-7Plus
- 2

Chassis

› Chassis in steel, stainless steel and aluminium

› Treatment to maximise corrosion protection

› Weatherproof
- 3

4 piston meter

› Made of aluminium of 4 pistons with positive displacement and pulser of 2 channels of 100 pulses per litre
- 4

Hydraulic group pump

› Self-suction, eccentric with self-adjusting blades and gas separator
- 5

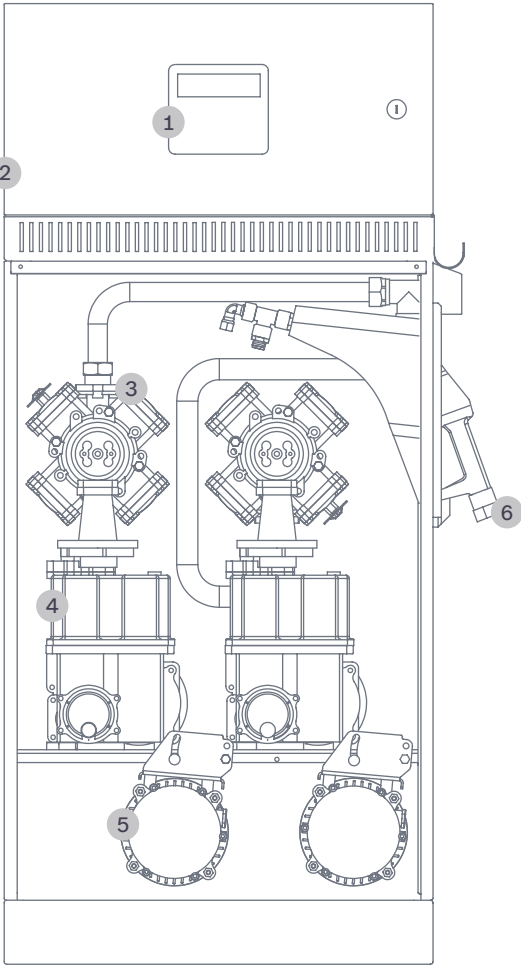
EExd motor

› With ATEX certificate and IP-55 protection
- 6

Nozzle & hose

› Automatic nozzle

› 4 m of Ø1" or 1 ½" delivery hose (depending on model)



Optional

Flexible suction tube with 2" flange	807610002
FG-300/15 · Water absorbent microfilter with aluminium housing · F2" · 15 µm	66194-CF00019
Gas recovery kit for petrol · Phase II	268300000
High anchorage base	268904021

25 /
MonsterJet
dispensers

P. 41 → Display GE
12/24 VDC ·
110/230 VAC

- DIESEL
- PETROL

STE MonsterJet

up to 200 l/min

230/400 VAC

Display GE

High flow supply kits with one digital display of 6-digit partial indicator and totaliser and volume preset.



TECHNICAL DATA

Pulser accuracy: ±0.2 %
Dimensions (approx.): 800x400x1,500 mm
Net weight (approx.): 160 kg

COMPONENTS

- › GE display · 6-digit electronic console powered at 230 VAC
- › x1 & x10 buttons to preset the volume to be supplied
- › Signal amplifier output for connection to a display or an external controller

	Flow up to	EExd Motor	Fluids	
STE-140GEMJ Triphase	140 l/min	1 kW 230/400 VAC	Ⓢ Ⓟ	42190-CF00000
STE-160GEMJ Triphase	160 l/min	1 kW 230/400 VAC	Ⓢ Ⓟ	42250-CF00000
STE-200GEMJ Triphase	200 l/min	1.5 kW 230/400 VAC	Ⓢ Ⓟ	42160-CF00000

SHK MonsterJet

up to 200 l/min

230/400 VAC

GKSuite

High flow supply kits with embedded GK-7 own consumption controller that communicates with the GKSuite software installed in your PC.

25 /
MonsterJet
dispensers

P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 163 → GK-7 &
GK-7M

P. 171 → GKSuite
Desktop Software

 DIESEL
 PETROL



TECHNICAL DATA

Pulser accuracy: ±0.2 %
Dimensions (approx.): 800x400x1,500 mm
Net weight (approx.): 160 kg

COMPONENTS

- › GK-7 controller of users and vehicles that communicates with the GKSuite software installed in a PC
- › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
- › 130-user/vehicle · 1,000 services memory included by default
- › Identification key reader iButton included by default (other identification systems available)

	Flow up to	EExd Motor	Fluids	
SHK-140MJ-130u Triphase	140 l/min	1 kW 230/400 VAC	 	42191-CF00000
SHK-160MJ-130u Triphase	160 l/min	1 kW 230/400 VAC	 	42251-CF00000
SHK-200MJ-130u Triphase	200 l/min	1.5 kW 230/400 VAC	 	42161-CF00000

Optional

Thermal ticket printer	FE006002
------------------------	----------

25 /
MonsterJet
dispensers

P. 41 → Display GK-7
12/24 VDC ·
110/230 VAC

P. 167 → GK-7Plus &
GK-7PlusM

P. 173 → DieselPlus
Cloud Software

 DIESEL

 PETROL

SH-Plus MonsterJet

up to 200 l/min

230/400 VAC

DieselPlus

High flow supply kits with embedded GK-7Plus own consumption controller
that communicates with the DieselPlus cloud software



TECHNICAL DATA

Pulser accuracy: ±0.2 %

Dimensions (approx.): 800x400x1,500 mm

Net weight (approx.): 160 kg

- COMPONENTS
- › GK-7Plus controller of users and vehicles that communicates with the DieselPlus cloud software
 - › Keypad that allows to preset the amount to be supplied and to introduce the user identification code
 - › 130-user/vehicle memory included by default (other memories available)
 - › Identification key reader iButton included by default (other identification systems available)

	Flow up to	EExd Motor	Fluids	
SH-140PlusMJ-130u Triphase	140 l/min	1 kW 230/400 VAC	 	42192-CF00000
SH-160PlusMJ-130u Triphase	160 l/min	1 kW 230/400 VAC	 	42252-CF00000
SH-200PlusMJ-130u Triphase	200 l/min	1.5 kW 230/400 VAC	 	42162-CF00000

Optional

Thermal ticket printer	FE006002
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26 / High flow dispensers

STM High flow

up to 500 l/min

±0.2 % accuracy

Mechanical high flow dispensers kit specially designed for heavy-duty use.

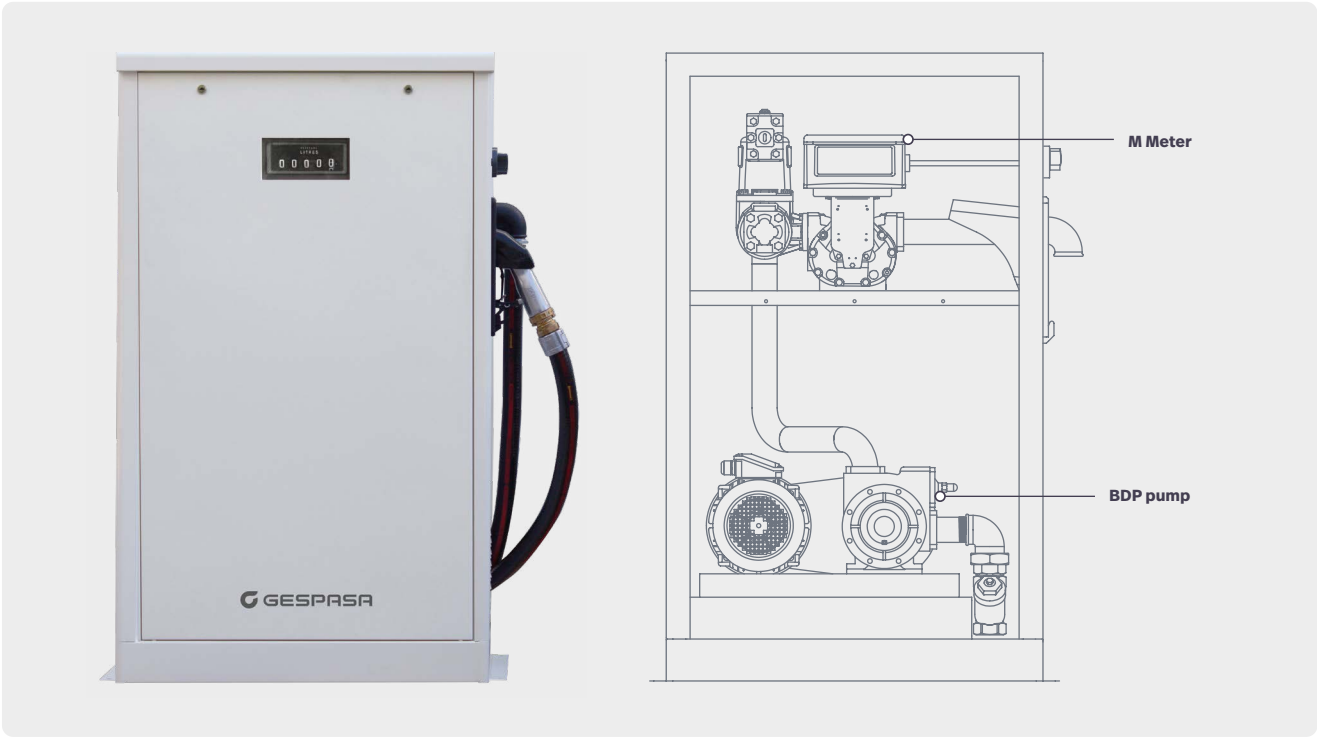
P. 26 → High flow pumps

P. 42 → High flow meters

P. 88 → Manual & automatic nozzles

P. 90 → Hoses & suction kits

- DIESEL
- PETROL



TECHNICAL DATA

Pulser accuracy:	±0.2 %
Dimensions (approx.):	900x620x1,500 mm
Net weight (approx.):	205-260 kg

COMPONENTS

- › Chassis made of steel with treatment to maximise corrosion protection and weatherproof
- › Volumetric mechanical M Meter
- › BDP · High flow pump
- › Built-in anchorage base
- › 4 m delivery hose
- › Automatic or manual nozzle (depending on the model)

	Flow up to	Pump	Meter	Nozzle	Fluids	
STM-200	200 l/min	BDP-200 2.2 kW	M-40	PA-250 automatic		26823-CF00002
STM-300	300 l/min	BDP-300 2.2 kW	M-50	PE-010 manual		26827-CF00000
STM-500	500 l/min	BDP-500 4 kW	M-50	ZV500 manual		26828-CF00000

Optional

EExd available models

26 /
High flow
dispensers

- P. 26 → High flow pumps
- P. 41 → Display GE 12/24 VDC · 110/230 VAC
- P. 42 → High flow meters
- P. 88 → Manual & automatic nozzles
- P. 90 → Hoses & suction kits
- P. 167 → GK-7Plus & GK-7PlusM
- P. 173 → DieselPlus Cloud Software

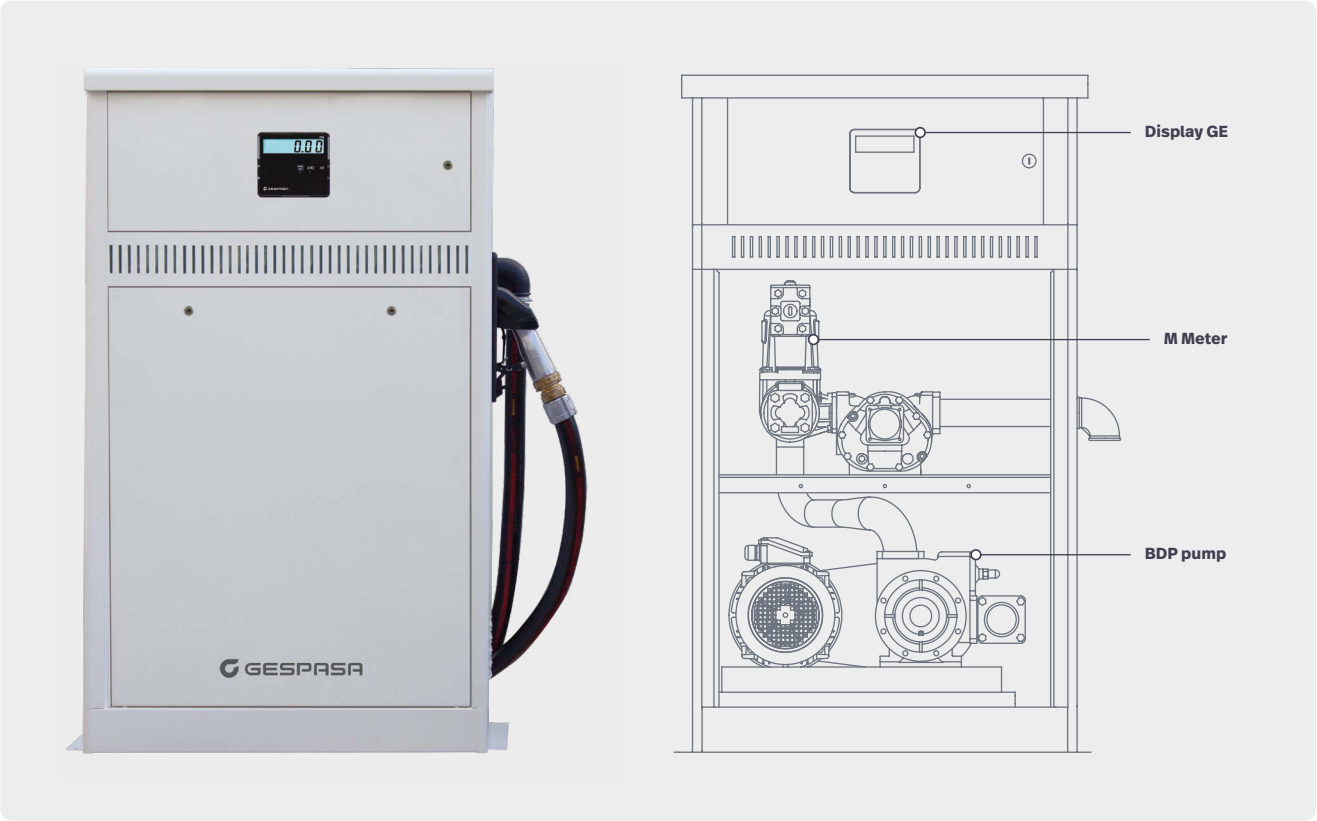
- Ⓢ DIESEL
- Ⓢ PETROL

SGE & STE High flow

up to 500 l/min

±0.2 % or ±0.5 % accuracy

High flow electronic kit specially designed for a heavy duty use. With one digital display of 6-digit partial indicator and totaliser and volume preset.



TECHNICAL DATA

Dimensions (approx.): 900x620x1,500 mm
Net weight (approx.): 180-240 kg

COMPONENTS

- › Chassis made of steel with treatment to maximise corrosion protection and weatherproof
- › Pulser or volumetric mechanical M meter (depending on the model)
- › BDP · High flow pump
- › Built-in anchorage base
- › GE display · 6-digit electronic tropicalised console powered at 230 VAC
- › 4 m delivery hose
- › Automatic or manual nozzle (depending on the model)

	Flow up to	Pump	Accuracy	Meter	Nozzle	Hose	Fluids	
SGE-200GE IP-55	200 l/min	BDP-200	±0.5%	MGI-250	PA-250 automatic	Ø1 ½"	Ⓢ	26822-CF00000
SGE-300GE IP-55	300 l/min	BDP-300	±0.5%	MGI-400	PE-010 manual	Ø1 ½"	Ⓢ	26820-CF00000
STE-200GE IP-55	200 l/min	BDP-200	±0.2%	M-40	PA-250 automatic	Ø1 ½"	Ⓢ	26825-CF00000
STE-300GE IP-55	300 l/min	BDP-300	±0.2%	M-50	PE-010 manual	Ø1 ½"	Ⓢ	26821-CF00000
STE-500GE IP-55	500 l/min	BDP-500	±0.2%	M-50	ZV500 manual	Ø2"	Ⓢ	26826-CF00000

Optional

GK-7Plus own consumption controller that communicates with the DieselPlus cloud software
EEExd available models



SM · High flow supply kits

up to 1,200 l/min

±0.5 % accuracy

High flow mechanical bedplate supply kit. Specially designed for a heavy duty use.

26 /
High flow
dispensers

P. 40 → Electronic
displays

P. 51 → Single-stage
filters

P. 54 → Two and
three-stage filters

P. 88 → Manual &
automatic nozzles

P. 90 → Hoses &
suction kits

P. 93 → High flow
series

P. 167 → GK-7Plus &
GK-7PlusM

P. 173 → DieselPlus
Cloud Software

Ⓢ DIESEL
Ⓢ PETROL



COMPONENTS

- › Volumetric mechanical M meter
- › BDP · High flow pump
- › MK connector, automatic or manual nozzle (depending on the model)
- › Bedplate

	Flow up to	Pump	Meter	Nozzle / Connector	Hose	Hose-reel	Fluids	
SM-200E Ex	200 l/min	BDP-200	M-40	PA-250 automatic	20 m Ø1 ½"	Yes	Ⓢ Ⓢ	26870-CF00003
SM-200	200 l/min	BDP-200	M-40	PA-250 automatic	20 m Ø1 ½"	No	Ⓢ Ⓢ	26870-CF00001
SM-300E · Diesel motor	300 l/min	BDP-300	M-50	PE-010 manual	20 m Ø2"	Yes	Ⓢ	26876-CF00000
SM-500E IP-55	500 l/min	BDP-500	M-50	MK-50 2"	15 m Ø2"	Yes	Ⓢ	26886-CF00000
SM-500 Ex	500 l/min	BDP-500	M-50	MK-50 2"	No	No	Ⓢ Ⓢ	26881-CF00000
SM-1000 IP-55	1,000 l/min	BDP-1000	M-80	MK-80 3"	No	No	Ⓢ	26882-CF00000
SM-1200 IP-55	1,200 l/min	BDP-1200	M-100	MK-100 4"	No	No	Ⓢ	26883-CF00000

Optional

- ① GE · Electronic display
- ② GK-7Plus own consumption controller that communicates with the DieselPlus cloud software
- ③ One or two-stage filter
- ④ Earth wire hose-reel
- EExd available models



27 / Manual & automatic nozzles

⑤ DIESEL

PT-60 · Manual nozzle

Manual nozzle made of polyamide and 15 % fibreglass with NBR joint.

	Flow	Connection	Pressure	
PT-60	60 l/min	F $\frac{3}{4}$ "	2 bar	470100000

PSF-040 · Manual nozzle

Manual nozzle made of aluminium with curved end and trigger fixation.

	Flow	Connection	Pressure	
PSF-040	80 l/min	F1"	3 bar	390300000

PE-010 · Manual nozzle

Manual nozzle made of aluminium with trigger fixation.

	Flow	Connection	Pressure	
PE-010	300 l/min	F1 $\frac{1}{2}$ "	3 bar	470600100

PA-60 · Automatic nozzle

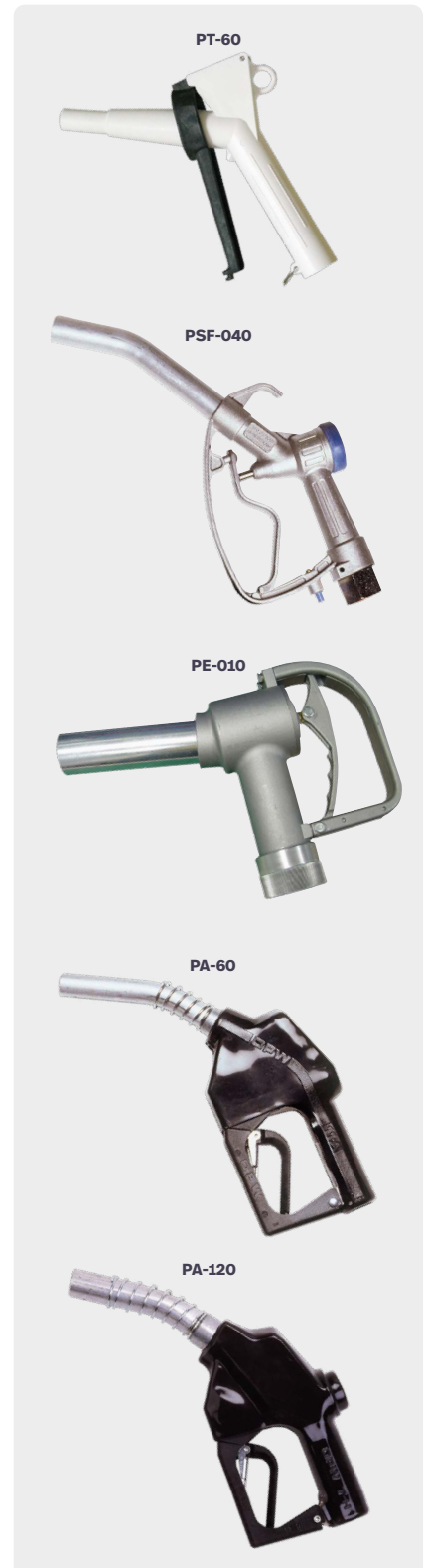
Automatic nozzle with aluminium body and plastic cover.
Trigger fixation and automatic cut.

	Flow	Connection	Pressure	
PA-60	60 l/min	F $\frac{3}{4}$ "	4 bar	472000000G

PA-120 · Automatic nozzle

Automatic nozzle with aluminium body and plastic cover.
Trigger fixation and automatic cut.

	Flow	Connection	Pressure	
PA-120	120 l/min	F1"	4 bar	472200000G



PA-80 · Automatic nozzle

Automatic nozzle with aluminium body and plastic cover. Trigger fixation and automatic cut and built-in rotary swivel.

	Flow	Connection	Pressure	
PA-80 for diesel	80 l/min	F1"	4 bar	472100000G
PA-80 for unleaded petrol	80 l/min	F¾"	4 bar	472500100
PA-80 for unleaded petrol	80 l/min	F1"	4 bar	472500400

PA-140 · Automatic nozzle

Automatic nozzle with trigger fixation and rotary swivel.

	Flow	Connection	Pressure	
PA-140	140 l/min	F1"	4 bar	472300000G

PA-250 · Automatic nozzle

Automatic nozzle with trigger fixation and rotary swivel.

	Flow	Connection	Pressure	
PA-250	200 l/min	M1 ½"	4 bar	472400000

PA-280 · Automatic nozzle

High flow automatic nozzle with trigger fixation.

	Flow	Connection	Ø exterior	
PA-280	280 l/min	F1 ½"	35 mm	475200000

Optional

Rotary swivel MF¾"	804503007
Rotary swivel MF1"	804503001
Rotary swivel M¾" F1"	804503002



27 /
Manual &
automatic
nozzles

Ⓢ DIESEL
Ⓢ PETROL

28 / Hoses & suction kits

⊕ DIESEL
⊕ PETROL

Antistatic double layer hoses

	Ø	Fluids	
Diesel hose	19 mm	⊕	803401105
Diesel hose	25 mm	⊕	803401001
Diesel hose	30 mm	⊕	803403003
Unleaded petrol hose EN1360	16 mm	⊕ ⊕	803403005
Petrol hose EN1360	19 mm	⊕ ⊕	803401011
Petrol hose EN1360	25 mm	⊕ ⊕	803401007
Diesel/Petrol hose	40 mm	⊕ ⊕	803401010

Optional

To put adapters in both ends	670001007
Ø16 mm M¾" reconnectable adapter	472102012
Ø16 mm M1" reconnectable adapter	472102013
Ø19 mm M¾" reconnectable adapter	472102014
Ø19 mm M1" reconnectable adapter	472102015
Ø25 mm M1" reconnectable adapter	472102016

Springwel hoses

	Ø	Fluids	
Black hose	25 mm	⊕	803400010
Black hose	30 mm	⊕	803400011
Black hose	40 mm	⊕	803400012

Telescopic tube kits

COMPONENTS

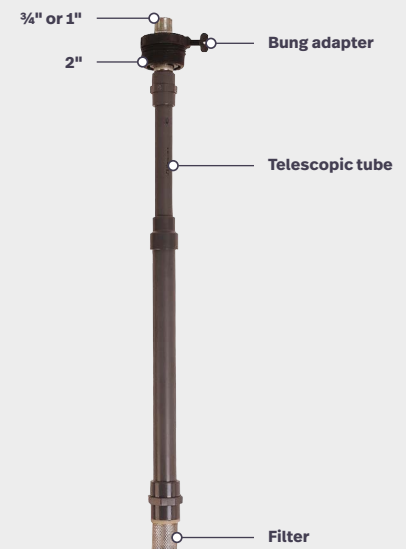
- › PP telescopic tube
- › Bung adapter 2" BSP
- › Filter

	Height	
M¾" kit	0.98 m	356600000
M¾" kit	1.30 m	357300000
M¾" kit	1.90 m	358000000
M1" kit	0.98 m	356300000
M1" kit	1.30 m	357400000
M1" kit	1.90 m	357900000
M1" kit with valve	0.98 m	358500000
M1" kit with valve	1.90 m	358400000

Antistatic double layer hoses



Springwel hoses



Metallic tube suction kits

COMPONENTS

- › 3 m suction hose
- › Bung adapter 2" BSP
- › Check valve
- › Filter

	height	filter	
Suction kit	1.35 m	1"	355600000
Suction kit	1.65 m	1"	355500000
Suction kit	1.90 m	1"	355700000
Suction kit	1.65 m	1 1/4"	355200000
Suction kit	1.90 m	1 1/4"	355300000
Suction kit + ball valve	1.35 m	1"	355600200
Suction kit + ball valve + anti-siphon valve	1.65 m	1"	355500200
Suction kit + ball valve + anti-siphon valve	1.90 m	1"	355700200
Suction kit + ball valve + anti-siphon valve	1.65 m	1 1/4"	355200200
Suction kit + ball valve + anti-siphon valve	1.90 m	1 1/4"	355300200



28 /
Hoses & suction
kits

- ⓪ DIESEL
- ⓪ PETROL

COMPONENTS

- › 5 m Ø25 mm delivery hose
- › PSF-040 manual nozzle
- › MF1" ball valve
- › FUP-1 FF1" filter



Gravity tank kit	356200000
------------------	-----------

29 / Hose-reels

P. 90 → Hoses &
suction kits

Ⓢ DIESEL

EGC Series

Automatic hose-reels made of painted steel for the diesel transfer.
With and without hose.

TECHNICAL DATA

Dimensions (approx.):	200x610x600 mm
Net weight (approx.):	32 kg
Max. hose-reel pressure:	40 bar

COMPONENTS

- › 10 or 15 m antistatic double layer hose or without hose
- › Rollers in the hose delivery for a correct auto-location
- › The delivery arm can be mounted in different positions

	Hose	Ø	Hose pressure	
EGC-10	10 m	3/4"	10 bar	807303022
EGC-10	10 m	1"	10 bar	807303023
EGC-15	15 m	3/4"	10 bar	807303021
EGC-SM	without hose	1"	-	807303020



5 Series without hose

Automatic hose-reels made of painted steel with galvanised or stainless steel parts. Without hose.

COMPONENTS

- › Output window with PVC rollers

	Hose length	Ø	Pressure	
5.10.20	10 m	3/4"	30 bar	807303008
5.15.20	15 m	3/4"	30 bar	807303009
5.20.20	20 m	3/4"	50 bar	807303028
5.20.20 INOX	20 m	3/4"	50 bar	807303029



6 Series without hose

Automatic hose-reels made of painted steel sheet.
Without hose.

	Hose length	Ø	Pressure	
6.20.20	20 m	3/4"	40 bar	807303012
6.40.20	40 m	3/4"	40 bar	807303014
6.20.25	20 m	1"	40 bar	807303015
6.30.25	30 m	1"	40 bar	807303016
6.30.25	50 m	1"	40 bar	807303018



9 Series without hose

Automatic hose-reels made of painted steel with galvanised or stainless steel parts. Without hose.

TECHNICAL DATA

Hose Ø:	3/4"
Hose length:	20 m
Pressure:	45 bar

COMPONENTS

- › Variable output window
- › Output window with PVC rollers



29 /
Hose-reels

P. 90 → Hoses &
suction kits

Ⓢ DIESEL

9.20.20	807303006
9.20.20 INOX	807303007

High flow series

High flow hose-reels with hose specially designed for a heavy duty use. Customised configuration according to your needs.

TECHNICAL DATA

Hose Ø:	1-4" (customised configuration)
Hose length:	10-40 m (customised configuration)

CONFIGURATIONS AVAILABLE

- › Manual or retractable version
- › VAC or VDC electric motor
- › Hydraulic motor with or without clutch
- › Hose-reel made of painted steel or stainless steel



	Hose	Ø	
Manual hose-reel 20 m	20 m	1 1/2"	807300112
Manual hose-reel 30 m	30 m	1 1/2"	807300115
Manual hose-reel 40 m	40 m	1 1/2"	807300107
Manual hose-reel 15 m	15 m	2"	807300114

30 / Mobile tanks

P. 11 → IRON-50
12/24 VDC

P. 35 → MGE-110

P. 88 → PSF-040 ·
Manual nozzle

P. 88 → PA-60 ·
Automatic nozzle

P. 90 → Hoses &
suction kits

Ⓢ DIESEL
Ⓢ PETROL

Mobiltank · GRG steel tanks

350 · 460 · 960 L

Carbon steel

Autonomous fuel transport units for the fuel transport and to be installed in vans, pickup, trucks... Maximum protection against corrosion.



TECHNICAL DATA

Material: Carbon steel
In accordance with: ADR regulations for the road traffic

COMPONENTS

- › Shock-proof and anti-roll protective steel frame
- › 2" safety and emergency vent valve
- › Ball valve installed on the suction point
- › Prefilter on the suction point
- › 2" loading hole
- › F2" free connection
- › 1/2" lower drain valve
- › 3-kg fire extinguisher and support not installed
- › Lifting lugs for balanced lifting from the top

	Capacity	Dimensions (approx.)	Weight (approx.)	
Mobiltank 350	350 L	1,200x792x1,025 mm	121 kg	353300200
Mobiltank 460	460 L	1,511x792x1,025 mm	148 kg	353400100
Mobiltank 960	960 L	1,750x930x1,280 mm	225 kg	353500200

Mobiltank supply kits

	Pump	Meter	Nozzle	Hose	
IRON-50 12 V + PSF-040 · GRG KIT	IRON-50 12 VDC	No	PSF-040 · Manual	4 m Ø3/4"	11800-CF00000
IRON-50 12 V + PA-60 · GRG KIT	IRON-50 12 VDC	No	PA-60 · Automatic	4 m Ø3/4"	11800-CF00001
SE-50 12 V + PSF-040 · GRG KIT	IRON-50 12 VDC	MGE-110	PSF-040 · Manual	4 m Ø3/4"	11810-CF00000
SE-50 12 V + PA-60 · GRG KIT	IRON-50 12 VDC	MGE-110	PA-60 · Automatic	4 m Ø3/4"	11810-CF00001

Polytank · GRG polythene tanks

200 · 410 L

Polythene

Autonomous fuel transport units for the fuel transport and to be installed in vans, pickup, trucks... Maximum protection against corrosion.



30 /
Mobile tanks

P. 11 → IRON-50
12/24 VDC

P. 35 → MGE-110

P. 88 → PSF-040 ·
Manual nozzle

P. 88 → PA-60 ·
Automatic nozzle

P. 90 → Hoses &
suction kits

DIESEL

TECHNICAL DATA

Material: Resistant UV polythene of average density
In accordance with: ADR regulations for the road traffic

COMPONENTS

- › Lid with safety lock
- › 2 side holes to lift it when empty
- › Level indicator
- › Suction tube with filter
- › Vent valve / Air drain valve with design that allows to avoid the fuel spillage during the transport
- › Shutoff valve
- › 4 modular guides to pile up the tanks

	Capacity	Dimensions (approx.)	Weight (approx.)	
Polytank 200	200 L	1,160x760x500 mm	33.5 kg	384200600
Polytank 410	410 L	1,160x760x790 mm	50 kg	384200500

Polytank supply kits

	Pump	Meter	Nozzle	Hose	
GRG POLYTANK IRON-50 12 V KIT + PSF-040	IRON-50 12 VDC	No	PSF-040 · Manual	4 m Ø¾"	11822-CF00000
GRG POLYTANK IRON-50 12 V KIT + PA-60	IRON-50 12 VDC	No	PA-60 · Automatic	4 m Ø¾"	11822-CF00001
GRG POLYTANK SE-50 12 V KIT + PSF-040	IRON-50 12 VDC	MGE-110	PSF-040 · Manual	4 m Ø¾"	11832-CF00000
GRG POLYTANK SE-50 12 V KIT + PA-60	IRON-50 12 VDC	MGE-110	PA-60 · Automatic	4 m Ø¾"	11832-CF00001

30 /

Mobile tanks

P. 94 → Mobiltank ·
GRG steel tanksP. 95 → Polytank ·
GRG polythene tanks

Basic Trailers

Basic trailers for GRG tanks that can be towed with any type of vehicle. No need of registration or MOD periodic vehicle revisions up to 750 kg.

TECHNICAL DATA

Material: Galvanised
In accordance with: European approval

COMPONENTS

- › Brake
- › Lateral protection railing
- › Jockey move wheel
- › The models with 1 shaft include a spare wheel



	Capacity	Loading Dim. (approx.)	Dimensions (approx.)	Weight (approx.)	
1-Shaft Basic · GRG 350	350 L	1,800x1,100x250 mm	2,855x1,600x660 mm	750 kg	352900000
1-Shaft Basic · GRG 460	460 L	1,800x1,100x250 mm	2,855x1,600x660 mm	750 kg	352900100
1-Shaft Basic · GRG 960	960 L	2,100x1,320x250 mm	3,150x1,750x660 mm	1,500 kg	354300000
2-Shaft Basic · GRG 960	960 L	2,100x1,320x250 mm	3,460x1,780x660 mm	1,600 kg	354300100

FUEL BOX Trailers

Cased trailers with top trap door for 960-L GRG tanks

TECHNICAL DATA

Material: Galvanised
In accordance with: European approval

COMPONENTS

- › Brake
- › Top lift-up trap door with hydraulic cylinders and safety locking system
- › Independent charging space for oils, greasers, tools, accessories, etc.
- › Jockey move wheel
- › The models with 1 shaft include a spare wheel



	Capacity	Loading Dim. (approx.)	Dimensions (approx.)	Weight (approx.)	
1-Shaft FUEL BOX · GRG 960	960 L	2,100x1,320x1,400 mm	3,150x1,750x1,600 mm	1,500 kg	353100200
2-Shaft FUEL BOX · GRG 960	960 L	2,100x1,320x1,400 mm	3,460x1,780x1,600 mm	1,600 kg	353100300

31 / Accessories

Adapters & ferrules

PP M¾"x25 mm Plastic Adapter	804501002
PP M1"x25 mm Plastic Adapter	804501001
M¾"x19 mm Brass adapter	804500012
M¾"x21 mm Brass adapter	804500021
M1"x25 mm Brass adapter	804500001
28x41.5 mm Ferrule	801200011
37x51 mm Ferrule	801200012



Long union plastic flange kit

Special plastic flange made of PA+fibreglass in order to adapt the mechanical meters to the pumps and/or pipes.

M1" Complete long union flange kit	800003027
Optional	
STAINLESS filter-sieve · 350 µm Ø33 mm	460000003



Aluminium flange kit

Aluminium flange for the quick coupling of the pump and/or pipe to any type of installation.

COMPONENTS

- › Flange
- › DIN.912 ALLEN screws
- › Joint

F1" BSP Aluminium flange kit	800003022
F1" NPT Aluminium flange kit	800003062
F1" NPT Aluminium flange kit with O-ring housing	800003069



Aluminium 90° elbow kit

Aluminium elbow flange for the quick coupling of the pump and/or pipe to any type of installation.

COMPONENTS

- › Flange
- › Screws
- › Joint

90° Elbow kit	800003041
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Nozzle hangers

Nozzle hangers made of PA+fibreglass adaptable to different models of automatic nozzles. Available with micro-switch to make the automatic stop of the pump when the nozzle is hung.

PA Nozzle hanger	280403001
PA Nozzle hanger + Micro-Switch	280403101
PA Nozzle hanger + EExe Micro-Switch	280403201



Pedestal bases

1 m hexagonal pedestal base made of sheet for the own consumption controllers and the supply kits.

Pedestal base for GK-7	800400013
Pedestal base for COMPACT	800400015



Wall support

Zinc-plated sheet support easy to install and to fix on a wall. Its nozzle hanger allows you to hang the nozzle securely.

TECHNICAL DATA

Material:	Zinc-plated sheet
Dimensions (approx.):	290x47x410 mm
Weight (approx.):	2.3 kg

COMPONENTS

- › "Easy lock" nozzle hanger
- › Nozzle lock through padlock (padlock not included)

Galvanised universal wall support	800404086
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Universal support

Support to fix the pumping kits in the polythene tanks of 1,000 litres with metallic framework and the steel double wall tanks. It can also be fixed on the wall.

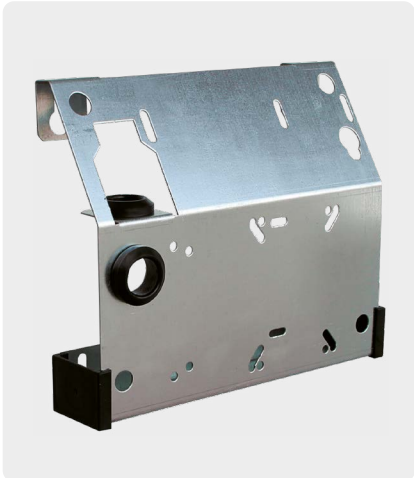
TECHNICAL DATA

Material:	Zinc-plated sheet
Dimensions (approx.):	330x90x280 mm
Weight (approx.):	2 kg

COMPONENTS

- › Nozzle hanger
- › Rubber protection
- › Drip pan

Universal support	800404259
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Polythene tank platform

Sheet platform to install the pumping kits on the tanks.
Treatment to maximise corrosion protection.

Polythene tank platform	800400002
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31 /
Accessories

Bases for the supply kits

Bases to put the pumping kits and to fix on the wall or on any surface.
Treatment to maximise corrosion protection.

TECHNICAL DATA

Material: Steel sheet
Weight (approx.): 6 kg

COMPONENTS

- › Nozzle hanger
- › Rubber protection

	Dimensions (approx.)	
Base no. 3	320x260x527 mm	800400001
Base no. 4	392x300x325 mm	800400011



Cabinets for external use

Cabinets to put and protect the pumping kits.
Treatment to maximise corrosion protection.

TECHNICAL DATA

Material: 1.5 mm steel sheet

COMPONENTS

- › Opening under the door to pass the hose
- › Key locking
- › Models available with nozzle hanger and pump support with anti-vibration system (AS-5P)

	Dimensions (approx.)	
AS-2	470x265x500 mm	510000000
AS-3	445x270x400 mm	520000000
AS-5B	620x300x580 mm	550000000L
AS-5P nozzle hanger	620x330x585 mm	550700000
AS-5P nozzle hanger + micro-switch	620x330x585 mm	550800000



«Breakaway» fireproof valves

Designed to be installed in fuel supply hoses and they will be disconnected when there was a strong pull. They automatically stop the flow of fuel. Designed to be replaced after separation.

COMPONENTS

- › Alumium body
- › Viton main seals
- › Stainless steel main spring
- › POM guide and poppet
- › PVC protective sleeve



	Flow	Connection	
802 «Breakaway» valve	0-60 l/min	BSP 3/4"xBSP 3/4"	805604016
804 «Breakaway» valve	0-120 l/min	BSP 1"xBSP 1"	805604015

«Breakaway» reconnection fireproof valves

Designed to be installed in fuel supply hoses and they will be disconnected when there was a strong pull. They automatically stop the flow of fuel.

COMPONENTS

- › Zinc die-cast body
- › Viton main seals
- › Stainless steel main spring
- › POM guide and poppet
- › PA66 protective sleeve



	Flow	Connection	
«Breakaway» reconnection valve	0-60 l/min	BSP 3/4"	805604019
PA-80 «Breakaway» swivelling valve	-	F1"	805604026

«Breakaway» fireproof valve for supply kits with submersible pumps

Mandatory for the installation of fuel supply kits equipped with a submersible pump. Installed at the base of the supply kit so that in the event of accidental start-up, fuel spillage is avoided. They automatically stop the flow of fuel.

COMPONENTS

- › Cast iron body
- › Buna-N joints



	Flow	Pressure	Connection	
«Breakaway» valve for supply kits	0-120 l/min	2 bar	FF1 1/2"	805603010

Fire shut-off plugs

Plug for threaded installation in the vent pipe of a tank. It has a fire protection grid to prevent the spread of fire.

	Connection	
Brass fire shut-off plug	F1 1/4"	801900002
Brass fire shut-off plug	F1 1/2"	801900001
T brass fire shut-off plug	F2"	801900004

Angle check valves

Valves to be installed in the suction tube, in the top of the underground storage tanks.

	Connection	Weight	
Angle check valve	M2" or F1 1/2" IN · F1 1/2" OUT	1.6 kg	805603011
Angle check valve	FF2"	3.89 kg	805605002

Adjustable anti-siphon valves

Valves with adjustable security system for tanks with different diameters in order to avoid the liquid pouring by gravity in the event of breaks or leakages in the installation. It acts like a check valve that guarantees the suction tube is not unprimed.

	Connection	
Adjustable anti-siphon valve	F1"	805604010
Adjustable anti-siphon valve	F1 1/4"	805604011
Adjustable anti-siphon valve	F1 1/2"	805604028
Adjustable anti-siphon valve	F2"	805604013

31 /
Accessories



2" Overfill valve

Valve to prevent fuel spillage due to overfilling of the air tanks.
It is installed in the refuelling hose. This valve shuts off the liquid flow when the product level is close to its full capacity, causing a few hose strokes and a reduction in flow, which means that the supply has to be cut off. The lower valve diameter is for the 2" discharge pipes.

COMPONENTS

- › Special key for an easy installation

	Connection	
2" Overfill valve	M2"	801904014



4" Overfill valve

2-stage shut-off valve to prevent overfilling of above ground and underground tanks with a capacity of more than 3,000 litres. They close automatically when the product level reaches 92% of capacity. The lower valve diameter is designed for 4" discharge pipes.

4" Overfill valve	801904013
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Charging holes

	Connection	
Charging hole MB+VK	F2"	800600001
Charging hole MB+VK	F3"	800600002
Charging hole plug MB+VK	M3"	800602001



Manhole containers

This tank box allows the installation of pumps, valves and other equipment required to connect the tank to the supply kit.

TECHNICAL DATA

Material: polyethylene
Ø Manhole: 820 mm

COMPONENTS

- › Two pieces: base and neck, joined with a ring, assuring its total sealing

	Dimensions (approx.)	Weight	
Manhole container	Ø1,165x1,225 mm	55 kg	808313003
Plus manhole container	Ø1,165x1,500 mm	65 kg	808313006



Spill trays

Leakproof containers to retain fuel stored in the tank in the event of a leak. Suitable for tanks of 1,000 litres or less.

TECHNICAL DATA

Material: 0.8 mm galvanised steel sheet

	Dimensions (approx.)	Weight (approx.)	
Tray A	1,680x750x160 mm	12 kg	385905015
Tray B	1,220x690x160 mm	10 kg	385905016
Tray C	810x810x160 mm	8.5 kg	385905017
Tray D	2,300x810x160 mm	20 kg	385905033



31 /
Accessories

Plastic funnels

Made of polypropylene, specially suitable for the hydrocarbon and chemical product handling (ask for other liquids).

	Ø exterior	Ø interior	
Plastic funnel	255 mm	245 mm	460000000
Plastic funnel	160 mm	150 mm	460500000
Plastic funnel	75 mm	70 mm	460100000
3-funnel set with joint	-	-	460700000

TECHNICAL DATA

Sieve material: 350 µm stainless mesh

Optional

Sieve (Ø255 & 160 mm) · Ø50 mm ext. · Ø40 mm int.	460000003
3-funnel joint	469000000



Spill containers

Designed to prevent product spillage in the area of filling connections and vapour outlets in underground storage tanks during normal filling operations. Easy to install. Its flexible structure allows it to adapt to any type of ground. Allows the product to be drained from the container into the underground tank.

TECHNICAL DATA

Connection: 4"
Capacity: 19 L
Weight: 25-28.5 kg

COMPONENTS

- › Cast iron and fibreglass cover (depending on the model)
- › Cast iron mounting ring
- › Polythene bellow
- › Compound fibre base
- › Stainless steel brackets
- › Buna-N seals

	Ø cover	Dimensions (approx.)	
Spill container fibre cover	360 mm	Ø360x410 mm	808313001G
Spill container steel cover	360 mm	Ø360x410 mm	808313004
Spill container steel cover	410 mm	Ø435x390 mm	808313005



32 / Additive dispenser

P. 40 → Electronic displays

Additive dispenser 230 VAC

Dispensing and inject additive to the fuel. It can be used in petrol stations, logistic tanks or charge boards. Configure the percentages of additive corresponding to each type of fuel.



TECHNICAL DATA

Flow:	6-50 l/h
Supply accuracy:	±1 %
Ambient temperature:	0 °C / +45 °C
Max. pressure:	3 bar
Max. height suction tube:	1.5 m
Protection:	IP-55
Dimensions (approx.):	450x270x405 mm

COMPONENTS

- › Injection pump
- › Electronic heading to configure the percentages of additive
- › Metallic cabinet with lock
- › 1 m suction tube
- › 2 m delivery tube

Additive dispenser	33411-CF00000
Additive dispenser with trolley and 230 VAC cable reel	33420-CF00000

33 / Extractors

Debowser

15/60 l/min

230 · 230/400 VAC

Simple or double fuel extraction kits with ATEX components, special for the extraction of diesel, petrol and kerosene.

P. 40 → Electronic displays

P. 90 → Hoses & suction kits

Ⓢ DIESEL
Ⓢ PETROL



TECHNICAL DATA

Suction flow:	15/60 l/min
Accuracy:	±2 %
Ventilation:	Embedded
Dimensions (approx.):	800x400x1,500 mm
Weight (approx.):	157 kg

COMPONENTS

- › Chassis in steel, stainless steel and aluminium with treatment to maximise corrosion protection and weatherproof
- › Weatherproof
- › One or two suction pumps with meter
- › GE electronic display or GK-7Plus controller
- › 4 m Ø1/2" suction hose for diesel or petrol with ball valve
- › Suction probes
- › Empty manometer

LG-84 Electric extractor

Electric extractor for extraction of water from the bottom of tanks. Also for the cleaning of manholes.



TECHNICAL DATA

Flow:	35 l/min
Motor:	0.25 kW
Consumption:	1.2-2 A
Motor speed:	3,000 rpm
Protection:	IP-55
Pressure/Depression:	+0.9/-0.7 bar
Max. vessel capacity:	60 L
Max. admissible capacity:	50 L
Dimensions (approx.):	475x520x865 mm
Net weight (approx.):	42.5 kg

COMPONENTS

- › Vacuum gauge -1 +3 bar
- › FF3/4" ball valve
- › Level buoy (overflow security)
- › 5.5 m transparent hose with 1/2" metallic galvanised lance
- › 0.75 m M3/4" complete drain probe
- › 1.5 m Ø12x9 mm tank extraction tube
- › 1.5 m Ø8x6 mm tank extraction tube
- › Stainless grid
- › Breakaway valve
- › Chassis with handle and back wheels

FUNCTIONS

- › **Extraction of water from the bottom of tanks**
Suction of water, sludge and impurities from all types of above-ground or underground tanks. Water suction without creating turbulences, which prevents the water from remaining in suspension.
Quick separation of the suctioned liquid by decantation, with the possibility of returning the clean liquid to the same tank and the contaminated liquid to the authorised containers.
- › **Cleaning of manholes**
Suction of liquids and sludge in manholes. It easily sucks up sludge, hydrocarbon water and dirt left at the bottom of manholes.

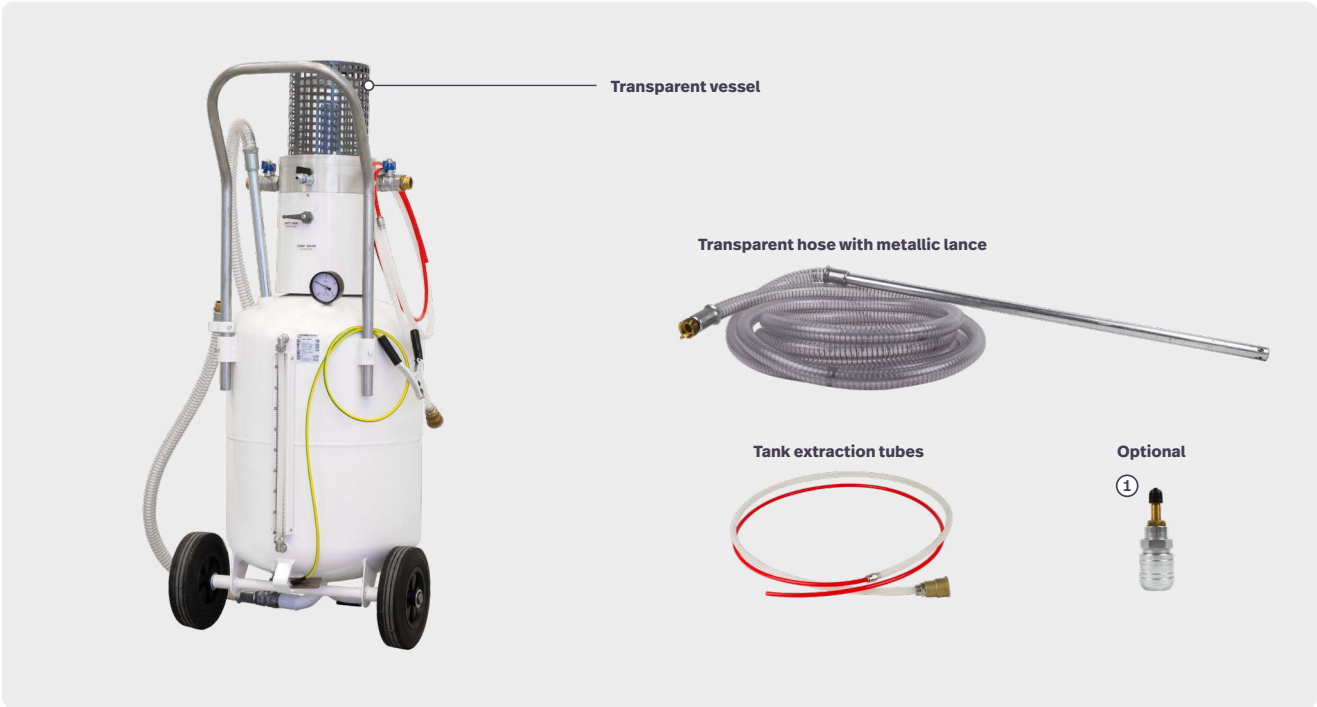
LG-84 Electric extractor		Fluids	
		D	480000000
Optional			
① Air output tube adapter (service station)			480105010
Water paste · water level indicator			807613001

LGN-65 Pneumatic extractor

33 /
Extractors

Pneumatic extractor without electric connection for extraction of water from the bottom of tanks. Also for remove fuel from vehicles and cleaning of manholes.

-  DIESEL
-  PETROL



TECHNICAL DATA

Required air flow:	200 l/min at 6 bar
Suctioned flow:	400 l/min
Tank vacuum:	-0.8 bar
Positive pressure in the tank:	up to 0.9 bar
Suction capacity:	6 m
Capacity:	50 L
Dimensions (approx.):	550x510x1,140 mm
Net weight (approx.):	36.45 kg

COMPONENTS

- › Vacuum gauge -1 +3 bar
- › Level indicator
- › Tank for the extracted fuel
- › Transparent vessel with protective metal housing
- › Earth connection
- › 5.5 m transparent hose with 1/2" metallic galvanised lance
- › 0.75 m M3/4" complete drain probe
- › 1.5 m Ø12x9 mm tank extraction tube
- › 1.5 m Ø8x6 mm tank extraction tube
- › Chassis with handle and back wheels

FUNCTIONS

- › **Extraction of water from the bottom of tanks**
Suction of water, sludge and impurities from all types of above-ground or underground tanks. Water suction without creating turbulences, which prevents the water from remaining in suspension.
Quick separation of the suctioned liquid by decantation, with the possibility of returning the clean liquid to the same tank and the contaminated liquid to the authorised containers.
- › **Remove fuel from vehicles**
Quick and effective solution for vehicles that have been refueled with the wrong fuel. Suction by means of extraction probes inserted into the vehicle tank.
- › **Cleaning of manholes**
Suction of liquids and sludge in manholes. Easily sucks sludge, hydrocarbonated water and dirt from the bottom of manholes.

LGN-65 Pneumatic extractor		Fluids	
		 	48032-CF00000
Optional			
 Air output tube adapter (service station)			480105010
Water paste - water level indicator			807613001

- DIESEL
- PETROL

LGN-200 Pneumatic multi-use extractor

Equipment for the extraction, storage, filtration and later supply of fuels.
Specially suitable for “rent a car” companies.



TECHNICAL DATA

Required air flow:	200 l/min at 6 bar
Suctioned flow:	400 l/min
Tank vacuum:	-0.8 bar
Positive pressure in the tank:	up to 0.9 bar
Capacity:	200 L
Dimensions (approx.):	950x950x1,615 mm
Net weight (approx.):	135 kg

COMPONENTS

- › Vacuum gauge -1 +3 bar
- › Integrated tank of 200 L capacity
- › Transparent vessel of 10 L capacity with built-in microfilter
- › Water-repellent paper filter of 5 µm
- › Earth connection
- › Lower valve for the total empty of the tank and liquid analysis
- › Level indicator
- › MGE-40 electronic gear meter
- › PA-60 automatic nozzle
- › 5.5 m transparent hose with ½" metallic galvanised lance
- › 1.5 m Ø12x9 mm tank extraction tube
- › 1.5 m Ø8x6 mm tank extraction tube
- › 4 m Ø20 mm transparent hose
- › Chassis with handle and wheels

FUNCTIONS

- › **Extraction, storage, filtering and subsequent supply of fuel**
The fuel is extracted from the vehicles. It is filtered and then it can be supplied with the same equipment by means of the built-in nozzle and supply meter. The supply can be controlled by the meter or the lower valve without any metering. It allows the conservation of the vacuum/pressure inside to extract/vacuum in places where there is no air intake.

LGN-200 Pneumatic multi-use extractor		Fluids	
		 	480200000
Optional			
Air output tube adapter (service station)			480105010
Water paste · water level indicator			807613001