



**Authorized Dealer**  
**S.V ENTERPRISES**  
(COMPLETE INDUSTRIAL SUPPLIERS)

4<sup>TH</sup> Phase Peenya Industrial Area, Bangalore 58  
Mobile: 9341249270, 9980202890  
Email: [keshav.sv@gmail.com](mailto:keshav.sv@gmail.com), [keshav.sve@gmail.com](mailto:keshav.sve@gmail.com)

**TOOLS &  
EQUIPMENT**  
For the professional!

CI-34





Groz has always exceeded the expectations of tool manufacturers and users the world over. Groz carefully makes each tool under stringent quality control processes that are achieved in a hi-tech environment spread over 500,000 square feet



Total quality & control via advanced horizontal & vertical machining centres



Robotically armed & conveyorized double booth powder coating plant with a capacity of 15 million sq inches / month



Pressure die casting - PLC controlled semi automatic equipment



Multi-station Cold Forging Shop with equipment from NEDSCHROEF, Belgium, for manufacture of high volume automotive parts, sockets etc.



Multi-Spindle Turning Machines – Davenports for high volume production & concentricity



Design Center, with high end software & equipment to develop custom solutions

## QUICK FACTS



YRS IN BUSINESS

40+



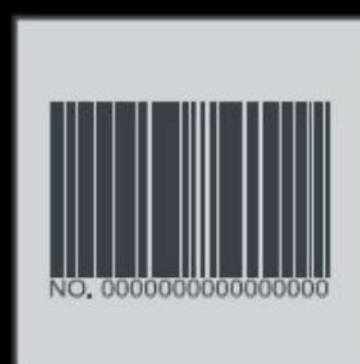
GLOBAL REACH

82 COUNTRIES



SELLING POINTS

5,000



SKU'S

12,000



EMPLOYEES

2,592



ENGINEERS

125



# INDUSTRIES WE SERVE



Agriculture



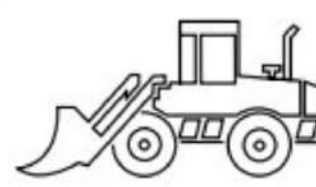
Automotive



Aviation



Chemical



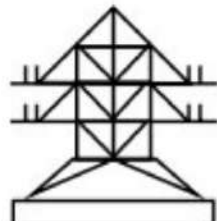
Construction



Cement



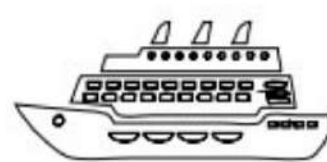
DIY



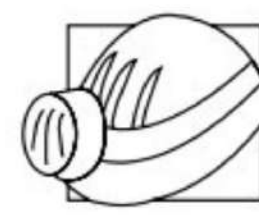
Electrical



Industrial



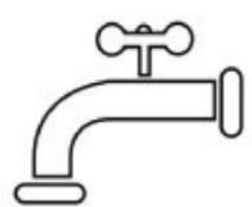
Marine



Mining



Oil & Gas



Plumbing



Railway



Steel



Welding



Woodworking



Workshop

## TERMS & CONDITIONS

**Technical Data:** All drawings, weights, dimensions, the descriptions & illustrations contained in the company's catalogues are only approximate and intended merely to give a general description of the goods described therein.

**Specifications:** Whilst every effort has been made to ensure accuracy of information given in this catalogue at the time of going to print, JANUARY 2022, our policy of continuous improvement determines the right to change specifications without notice. Customers must ensure that goods are suitable for the purpose intended.

**Delay in Delivery:** Delay in completion of work, delivery or in case of a contract for delivery by installments, delay in delivery of an installment shall not give rise to any liability upon the company whether or not any time of date is given in this respect and shall not entitle the customer to terminate the contract.

**Liability:** All goods are guaranteed to do the work for which they are designed. If the goods or any part thereof are defective solely as a result of faulty materials or workmanship of the company, the company's liability shall be limited, at its discretion either to replacing such goods or the defective parts. But no such liability shall arise unless notification of any defect is received by the company in writing within 90 days from the receipt of goods by the buyer and the allegedly defective goods are thereafter returned to the company carriage paid with appropriate pre-notification.

**Indemnity:** The customer shall indemnify the company against all claims in respect of any loss, injury or damage sustained by a third party arising from the sales of the goods to the buyer how so ever caused and also against all actions, proceedings, costs, claims, demands and expenses made, brought or claimed against the company in respect of the infringement of any patent, trademark or registered design.





## Quality Assurance Statement

The satisfaction of all customers is the fundamental principle of the GROZ corporate philosophy

GROZ stands committed to the quality of its products and service with the assurance of complete back-up support

With a wide range of products, prompt service and vast experience, GROZ remains dedicated to the customer



Certified ISO/TS 16949 by





# INSIDE

## I

### PROFESSIONAL HAND TOOLS



#### SOCKETS & SOCKET ACCESSORIES

Hand Sockets	9
Socket Accessories	13
Slim Line Ratchet Handles	16
Push Through Ratchet Handle	17
Round Head Ratchet Handle	17
Hand Socket Sets in Metal Cases	18
Pear Head Ratchet Handle	18
Hand Socket Sets in Blow Moulded Cases	19
Hand Socket Sets On Rails	20
Impact Sockets Hex	22

#### IMPACT & RATCHET WRENCHES

3/8" Drive Impact Wrench	27
1/2" Drive Impact Wrench	28
1/2" Drive Angle Impact Wrench	30
3/4" Drive Impact Wrench	31
1" Drive D-Handle Impact Wrench	32
1" Drive Impact Wrench	33
1/2" Drive Ratchet Wrench	34
3/8" Drive Ratchet Wrench	34

#### AUTOMOTIVE TOOLS & ACCESSORIES

Strap Wrench	35
Piston Ring Compressors	36
Tyre Levers	36
Gear Pullers	37
Quick Change Ratcheting Gear Pullers	38
Hydraulic Bottle Jacks	39
Hydraulic Floor Jack 3 Ton	40

#### SCREWDRIVERS & HEX KEYS

Screwdrivers Acetate Grip	41
Screwdrivers Cushion Grip	42
7 pc Insulation Screwdrivers Set	43
Hexagon Key Sets	44

#### TORQUE TOOLS

Professional Ratcheting Torque Wrenches	47
Classic Torque Wrenches	48
Aluminium Torque Wrenches	49
Digital Torque Wrenches	50
Torque Multipliers	52

#### TOOL STORAGE & ASSORTMENTS

Nylon Tool Bags	53
Back Pack	54
Aluminium Tool Box	55
Mechanic's Tool Kit	56
5 Tray Cantilever Tool Box	57

5 Tray Cantilever Tool Box with Tools	58
Portable Workstations	60
Universal Tool Kit 154 Piece	63
Automotive Tools Kit 84 Piece	65
Automotive Tools Kit 65 Piece	66
Tool Assortments	68

#### SPANNERS & PLIERS

Reversible Ratcheting Spanners	77
Double Open End Spanners	78
Ring Spanners	79
Insulation Pliers	80
Circlip Pliers	81
Water Pump Pliers	82
Adjustable Wrenches	83
Retra Knife	84
Utility Knife Professional	85
Retractable Utility Knife	86
Heavy Duty Retractable Construction Knife	87
Snap Off Knife	88

#### STRIKING TOOLS

Club Hammers	91
Sledge Hammers	92
Copper Head Sledge Hammers	93
Brass Head Sledge Hammers	94
Ball Pein Hammers	95
Claw Hammer	96
Cross Pein Hammers	96
Double Face Plastic Mallet	97
"Adjustable Tap & Reamer Wrenches Bar Type"	98
Centre Punches Round Head	98

#### HACKSAW FRAMES & BLADES

Super Cut Hi-Tension Hacksaw	99
Hacksaw Frame Professional	99
Handyman's Hacksaw	100
2 Jaw Hand Riveter	100

#### VICES & CLAMPS

Spring Calipers & Dividers	101
G Clamps General Purpose	101
Engineer's Steel Bench Vices	102
Mechanic's Vices / Bench Vices	102

#### PRECISION VICES

Tool Makers Steel ViceSuper Precision	103
Milling Machine VicesSuper Precision	103
Angular Machine Vices Super Precision	104
3 Way Tilting Vices Super Precision	104
Sine Vices Super Precision	105
Quick Change Modular Vice	105
Universal Vice Super Precision	106



# III

## LED WORK LIGHTS



### FLOODLIGHTS

12W LED Floodlight	108
15W LED Floodlight	109
LED 15W 'Super Cool' Floodlight	110
18W LED 'Super Cool' Floodlight	111
27W LED Floodlight	112
30W LED Floodlight	113
45W LED Floodlight	114

### LIGHT BARS

36W LED Light Bar	116
72W LED Light Bar	117
120W LED Light Bar	118

### WORKLIGHTS

18W LED Rechargeable Worklight	119
30W COB Rechargeable Worklight	121
Heavy Duty Rechargeable COB Worklight	122
7W LED Waterproof Spotlight	124
7W COB Rechargeable Worklight	125
15W COB Rechargeable Under-hood Light	127

### FLASHLIGHTS

3W COB Rechargeable Pen Light	128
3W LED Inspection Lamp	129
2W COB Rechargeable Pocket Flashlight	130
3W LED Slim Pen Light	131
Telescopic Magnetic Pick-Up Light	132
360° Swivel Rechargeable Worklight	133
3W COB Pocket Flashlight	134

### HEAD LIGHT

3W LED Headlamp With Sensor	135
-----------------------------	-----

# IV

## FLUID HANDLING EQUIPMENT



### GREASING EQUIPMENT

Lever Grease Gun Heavy Duty	137
The Ultimate Lever Grease Gun	137
Lever Grease Gun Dual Piston	138
Lever Grease Guns Heavy Duty - V Series	138
Lever Grease Gun Super Value	139
Lever Grease Guns V Series	139
Mini Lever Grease Gun	140
Pistol Grip Grease Gun	140
Air Operated Grease Gun	141
Mini Pistol Grease Gun - Deluxe	141

Battery Powered Grease Gun	142
Grease Gun Hoses	143
Grease Gun Steel Extensions	143
Quick Lock Grease Coupler	145
Hydraulic Couplers Professional	146
Hydraulic Couplers Standard	146
Hydraulic Couplers Heavy Duty	147
Push-on Grease Couplers	147
Ezee Lube Kit	148
Grease Cartridge	148
Grease Fittings	149
Grease Feeders	150
Portable Greasing System Manual	151
Bucket Greasers	152
Scoop & Swipe Set	153
Foot Operated Grease Pump	154
High Volume Grease Ratio Pump 50:1	155
Air Operated Grease Ratio Pumps 50:1	156
Trolley Mounted Grease Pump Kits	158
maxilube® Air Operated 50:1 Grease Pump	159
Portable Greasing System	159
Grease Control Valve Booster	160
Grease Control Valve Professional	161

### OILING EQUIPMENT

Ezee Flow Pumps	162
Lever Action Barrel Pump	162
Rotary Barrel Pump V Series	163
Rotary Barrel Pump	163
Bucket Oil Pump with Meter	164
Bucket Oil Pumps	164
Trolley Mounted Oil Pump Kits	165
Air Operated Oil Ratio Pumps	166
Industrial Duty Air Operated Oil Ratio Pump - 6.5:1	168
Air Operated Stainless Steel Pump 3:1	169
OILMASTER® Air Operated 5:1 Oil Pump	170
Portable Oiling System	170
"r-Series™ Industrial Air Operated Oil Ratio Pumps"	171
Air Operated Double Diaphragm Pumps	173
Air Operated Double Diaphragm Pumps	174
Waste Oil Evacuation Kits	175
Oil Management System	176
Electric Oil Pumps	178
Mechanical Oil Meter	179
Heavy Duty Electronic Oil Meter	180
Mechanical Oil Control Gun	181
Heavy Duty Electronic Oil Control Gun	182
Electronic Pre-Set Oil Control Gun	183



Oil Control Guns	184
Hydraulic Oil Hoses	185
Oil Cans V Series	185
Transfer Gun	185
Flexible Spout Measures	186
Smart Funnels	186
Conical Funnels	187
Fuel & Oil Funnels	187

#### HOSE REELS

Metal Hose Reels	188
Air / Water Hose Reel	190
Retracta® Auto Rewind Hose Reels	191

#### WASTE OIL HANDLING

Electric Waste Oil Pump	192
Waste Oil Drain Pressurized	193
Heavy Duty Steel Truck Drain	194
Truck Drain	195
Drain Pan	196

#### FUEL HANDLING EQUIPMENT

Heavy Duty Explosion Proof High Flow Electric Fuel Pumps	197
Heavy Duty Electric Fuel Pumps Explosion Proof	199
Continuous Duty Electric Diesel Pump	200
Mini Bowser Diesel Refilling System	201
Electric Diesel Pumps	202
Electric Diesel Pump Heavy Duty	203
Industrial Rotary Fuel Pumps	204
Rotary Booster Pump 3:1	205
Mechanical Diesel Meter	206
Digital Fuel Meter	207
Mechanical Oval Gear Fuel Meter	208
In-line Flow Meter	209
Digital Oval Gear Fuel Meter	210
Fuel Control Nozzles Automatic	211
Fuel Control Nozzles Manual	211
Fuel Control Nozzle Metered	212
Dual Plane Fuel Nozzle Swivels	213
Filter Wrench	214
Fuel Dispensing Kits	214
Fuel Filter	215
Fuel Filter Spin - On Cartridge Style	216

#### DEF HANDLING EQUIPMENT

Electric DEF / Adblue Transfer Pumps	217
DEF / Adblue Transfer Systems	219
Air Operated DEF / Adblue Transfer Pumps	220
DEF Digital Turbine Meter	221
DEF / Adblue Control Nozzle Manual	222
DEF / Adblue Control Nozzle Automatic	223

#### SPECIALITY PUMPS

Nylon Chemical Pump	224
Plastic Rotary Pump	224
Rotary Drum Pump Stainless Steel	225
Plastic Lever Pump Valve	226
Plastic Lever Pump	227
Siphon Pumps	228

#### DRUM HANDLING EQUIPMENT

Drum Cradle	229
Drum Dolly	229
Drum Trolleys	231
Drum Wrench	232
Low Profile Drum Trolley	232

#### AIR LINE ACCESSORIES

Reciprocating Belt Driven Air Compressors	234
2HP Reciprocating Direct Drive Air Compressor	236
Air Blow Guns	237
Air Blow Gun Kit 5 Pieces	238
Polyurethane Coil Hose	239
Filter Regulator & Lubricator - 2 Pc	240
Filter Regulator Combination	240
Digital Pressure Gauges	241
Tyre Inflator Gauge 'V' Series	241
Tyre Inflator Gauge for Cars	242
Tyre Inflator Gauge for Trucks	243

## V

### LUBRICANTS & PENETRANTS



#### RUST PREVENTION & REMOVAL

Rust Remover Gel	245
Rust Preventive Lubricant Spray	247
Penetrating Rust Solvent Spray	249



**Screwdrivers  
Acetate Grip**



**41**

**Screwdrivers  
Cushion Grip**



**42**

**Universal Vice  
Super Precision**



**106**

**Lever Grease Gun  
Dual Piston**



**138**

**Air Operated Double  
Diaphragm Pumps**



**174**

**Oil Management  
System**



**176**

**Air / Water Hose  
Reel**



**190**

**Electric Diesel  
Pump Heavy Duty**



**203**

**Air Operated DEF  
/ Adblue Transfer  
Pumps**



**220**

**Rotary Drum Pump  
Stainless Steel**



**225**

**Plastic Lever  
Pump Value**



**226**

**Drum  
Cradle**



**229**

**Air Blow Gun Kit 5  
Pieces**



**238**

## **NEW ADDITIONS**

Our commitment to bring new & innovative tools with the same trust & quality that the GROZ brand stands for, continues even stronger

This catalogue showcases an extension to the range of automotive / workshop tools with the highest number of new additions ever

Carefully designed and manufactured to exacting standards that will continue to make GROZ Tools the #1 choice for professional users worldwide

LOOK OUT  
FOR  
**NEW!**  
THROUGHOUT  
THE CATALOGUE





[www.groz-tools.com](http://www.groz-tools.com)

# FLUID HANDLING EQUIPMENT



108

## The Ultimate Lever Grease Gun

K45



High capacity - high output lever grease gun

Large 650gm capacity barrel for less frequent refilling

### Reduce greasing time to one-half

30% larger dia pistons pushes out 50% more grease /stroke than regular guns

Aluminum die cast head fitted with bulk loader valve

Heavy gauge drop resistant steel barrel in premium metallic powder coated finish

### Variable Stroke

Convenient greasing in tight spaces with limited movement of handle

High compression spring for removing air pockets from grease

Fully serviceable with no riveted parts

Works with NLGI 1, 2 & 3 greases



### ORDERING INFORMATION

CAT NR.	DETAILS	BOX QTY.
K45R/B	150 mm rigid steel extension & 3 jaw coupler	16

109

## Lever Grease Gun Heavy Duty

G1-HD



Designed for heavy industrial applications

Solid aluminium grease gun head fitted with air bleeder & bulk loader valves

1.2 mm thick steel barrel with heavy duty follower spring, CNC machined head & rolled threads for fast & easy reloading

### Unique Lock Lever Mechanism

Allows user to easily lock plunger rod in any position

### Variable Stroke

Convenient greasing in tight spaces with limited movement of handle

Resists back pressure, especially useful in chain tightening of earth moving equipment



### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
G1R/HD/B	150 mm rigid steel extension & 4 jaw coupler	500 gms bulk / 400 gms cartridge	16



**110**

## Lever Grease Guns Heavy Duty - V Series

**V1-HD**


Professional model - ideal for lubrication in automotive workshops, agricultural & light industrial application

Aluminium die cast grease gun head with built-in air bleeder valve

Robust steel barrel with knurling for firm grip

Heavy duty handle with ergonomic non slip soft rubber grip

### Available in 2 finishes

- Zinc plated
- Black Powder Coated

### ORDERING INFORMATION

CAT NR.	DETAILS	FINISH	CAPACITY	BOX QTY.
V1R/HD/CP/B	150 mm rigid steel extension & 4 jaw coupler	Zinc Plated	500 gms bulk / 400 gms cartridge	16
V1R/HD/BL/B	150 mm rigid steel extension & 4 jaw coupler	Powder Coated		16

**V1R/HD/CP/B**
**V1R/HD/BL/B**

**111**

## Lever Grease Gun Dual Piston

**G2**


The high output greasing solution!

For greasing applications requiring voluminous and frequent greasing, especially on agricultural & construction machinery

### Reduce Greasing Time To One-Third

Dual piston mechanism results in triple output per stroke reducing greasing time to one-third.

### No Loss of Prime

Dual inlet of grease ensures that gun does not lose prime

### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
G2R/B	150 mm rigid steel extension & 4 jaw coupler	500 gms bulk / 400 gms cartridge	16

**NEW!**


**3X**  
**ADVANTAGE**  
Reduce Greasing Time  
To One-Third!



SCAN TO  
WATCH



**112**

## Lever Grease Gun 'V' Series

V1



21st century design – ideal combination of superior quality & value price

Suitable for use in general lubrication & daily maintenance work

Aluminium die cast grease gun head with built-in air release valve

Soft rubber grip on lever handle for comfortable operation

Durable powder coated finish



### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
V1R/B	150 mm rigid steel extension & 4 jaw coupler	500 gms bulk / 400 gms cartridge	16

**113**

## Lever Grease Gun Super Value

G1



Most popular value priced grease gun - for general purpose lubrication across all sorts of applications

Drop resistant steel head with a bulk loader valve

Soft rubber grip on lever handle for comfortable use

Durable powder coated finish



### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
G1R/B/T/EC/BL/G	150 mm rigid steel extension & 4 jaw coupler	500 gms bulk / 400 gms cartridge	16



**114**

## Pistol Grip Grease Gun

**G5**


Most popular one hand grease gun designed for use in confined spaces or where access to grease nipples is restricted

1.2 mm thick steel barrel with heavy duty follower spring

Rolled threads for fast & easy reloading

Aluminium die cast CNC machined head with steel block nut

Pistol handle designed to prevent fingers from pinching



### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
G5R/B	100 mm rigid steel extension & 4 jaw coupler	500 gms bulk / 400 gms cartridge	16

**115**

## Mini Lever Grease Gun

**G14**


When you need a tough little grease gun for hard to reach places, this is it!

Compact tool box size grease gun

Aluminium die cast head

Capacity: 120 cc bulk / 85 gms cartridge



### ORDERING INFORMATION

CAT NR.	DETAILS	BOX QTY.
G14R/B	150 mm rigid steel extension & 4 jaw coupler	30

**116**

## Push Type Grease Guns

**G7P**


Compact toolbox size, ideal for greasing impact wrenches, lawn mowers, chain saws, trailers, ATV's, trucks etc

Push type mechanism for use with bulk grease only

Complete with Universal connector

Custom built options with pointed nozzles available on request



### ORDERING INFORMATION

CAT NR.	BULK CAPACITY (CM3)	BOX QTY.
G7P	125	50



**117**

## Mini Pistol Grease Gun - Deluxe

**G16**



One hand pistol grip grease gun with convenient pull type operating mechanism

Aluminum cast head with front & top discharge ports

Durable powder coated finish

Ideal for greasing in tight spaces such as CNC machines



### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
G-16/B	100 mm rigid steel extension & 4 jaw coupler	120 gms bulk / 85 gms cartridge	30

**118**

## Air Operated Grease Gun

**AGG-1**



High power, continuous flow air operated grease gun

Continuous discharge of grease with the trigger pressed

For use in factory maintenance, agricultural applications, fleet service or for use on trucks connected to vehicle air brake compressors



### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
AGG/1R/B	150 mm rigid steel extension & 4 jaw coupler	500 gms bulk / 400 gms cartridge	4

### SPECIFICATIONS

AIR OPERATING RANGE	40-120 PSI (3-8 BAR)
PRESSURE RATIO	40:1
AIR COMPRESSOR VOLUME	1 CFM / 0.026 CBM @ 6 BAR
AIR INLET THREADING	1/4" (F)



**119**

## Battery Powered Grease Gun

**BPGG-19**


\* in free flow



Powerful 19.2V high torque motor

Standard 1.5Ah Ni-Cd battery pack with an additional battery pack for uninterrupted greasing

Automatic air release valve & bulk loader

Each battery charge provides power to dispense upto 2.4 kg grease in free flow condition

Complete with 30" high pressure hose with spring guard on both ends (prevents hose from kinking), 4 jaw coupler & 400 gm grease cartridge

Packed in a blow moulded case for safe storage & ease of transportation

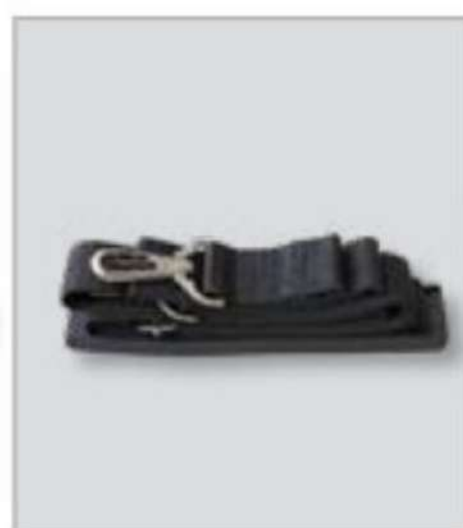
Designed for use by mechanics, technicians, maintenance staff, farmers etc. for everyday greasing & preventive maintenance jobs



**RB/BPGG/19N**



**BC/BPGG/19N/EU**



**SS/BPGG/19N**



**CTG/01P**



**BMC/BPGG/19N**

### ORDERING INFORMATION

CAT NR.	DETAILS	CAPACITY	BOX QTY.
<b>GREASE GUN ASSEMBLY</b>			
BPGG/19/EU-CTG/01P	Cordless grease gun with 220V/50Hz Battery Charger, 2 pin plug & 400 gm grease cartridge	500 gms bulk / 400 gms cartridge	1
<b>SPARE PARTS &amp; ACCESSORIES</b>			
RB/BPGG/19N	Rechargeable Battery, 19.2V, 1.5 Ah, Ni-Cd		1
BC/BPGG/19N/EU	1 hour CE energy saving battery charger, 220V/50Hz., 19.2V, 2 pin plug		1
SS/BPGG/19N	Carrying / Shoulder strap		1
CTG/01P	400 gms grease cartridge		10
BMC/BPGG/19N	Carrying case / Blow moulded case		1



120

## Grease Gun Hoses

GHC



Grease hoses facilitate greasing of fittings in areas with limited access

Thermoplastic construction, fully flexible with outer diameter (O.D.) 8.5 mm

Zinc plated steel end connections with hydraulic crimping

For use with hand operated grease guns

Threaded 1/8" BSPT (M) on both ends

### ORDERING INFORMATION

CAT NR.	LENGTH (END TO END)		BOX QTY.
	(MM)	(INCH)	
GHC-12/B	300	12	30
GHC-18/B	450	18	20
GHC-20/B	500	20	10



121

## Grease Gun Steel Extensions

GBP

GSP



Steel construction with bright zinc plated finish

High strength rolled threads 1/8" BSPT(M) on both ends

For use with hand & air operated grease guns

Available in straight & bent types



Straight

Bent

### ORDERING INFORMATION

CAT NR.	LENGTH (END TO END)		TYPE	BOX QTY.
	(MM)	(INCH)		
GSP/4/B	100	4	Straight	100
GBP/6/B	150	6	Bent	100



**122****HC-21**

# QUICK LOCK GREASE COUPLER

**Quick disconnect coupler  
for convenient, hands free  
operation!**

Disengaging a coupler from a grease fitting, under pressurised conditions is very difficult & often leads to broken fittings or damage to the coupler jaws

**The GROZ QUICK LOCK takes away this worry with its unique 6 point contact design. It is designed for quick & convenient dis-engagement of coupler from grease / zerk fittings under pressure**

The Engagement system moves inside the steel wall when the thumb lever is actuated. This provides additional back support to the mechanism in high pressure applications.

1-1/2 times stronger coupler body is heat treated to withstand high pressures without deformation.

Case hardened rollers hold the coupler in position when subjected to high pressure applications

Repair kit available



## A QUICK COMPARISON

### GROZ QUICK LOCK



The GROZ Quick Lock Coupler gives engagement at 6 points

Hardened ball points of contact will not get deformed and hence give longer life

Slim Line Coupler provides easy access into tight areas

Easy to service/repair

### OTHER QUICK COUPLERS



Provide engagement around the flat surfaces

Upon repeated use, at varying pressures jaws tend to deform, loosening grip over the fitting

Very difficult to service/repair



**NO MORE  
MESS**



**NO MORE  
BROKEN  
JAWS**



**NO MORE  
BROKEN  
GREASE  
FITTINGS**



# QUICK LOCK ADVANTAGE

1

**Convenient Engagement**  
To engage the coupler, simply press the thumb lever & slide the coupler onto the fitting. The hardened 6 cylindrical pins hold the grease/zerk fitting tight.



2

**Easy Release**  
Once greasing is complete, simply press the thumb lever again to disconnect coupler from the zerk fitting



3

**Hands free operation**  
Once engaged the coupler sits firm on the grease / zerk fitting & does not require to be held, as is required with regular couplers. This coupler will not move, thus allowing hands free operation.



4

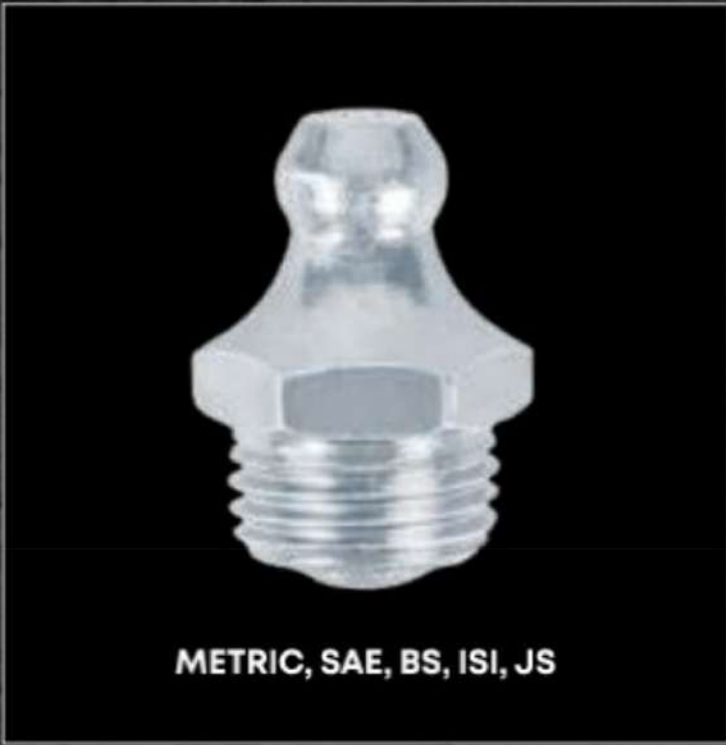
**Universal**  
The design permits usage on all profiles of Grease Fittings – SAE, DIN, BS etc



For use with manual, air & battery grease guns & grease pumps

5

**Robust Construction**  
Threaded two piece construction for easy repairs



METRIC, SAE, BS, ISI, JS

## ORDERING INFORMATION

CAT NR.	THREADS	BOX QTY.
HC/21/BSP	1/8" BSP	50



123

Hydraulic Couplers  
Standard

HC-11



Most popular couplers for use with grease guns for general maintenance

Narrow coupler design for use on fittings with limited access

Milled slot for easy tightening

Fully hardened spring steel jaws

Recommended for use with hand operated grease guns

For use with hand operated grease guns



#### ORDERING INFORMATION

CAT NR.	THREADS	JAWS	BOX QTY.
HC/11/4/B	1/8" BSPT	4	500
HC/11/4/BSP	1/8" BSP	4	100

124

Hydraulic Couplers  
Professional

HC-14



Best selling coupler for professional use

Hardened coupler body withstands high pressure without deformation

Fully hardened spring steel jaws

Hexagonal nut for easy tightening

Recommended for use with hand operated grease guns

For use with hand operated grease guns



#### ORDERING INFORMATION

CAT NR.	THREADS	JAWS	BOX QTY.
HC/14/3/B	1/8" BSPT	3	100
HC/14/4/B	1/8" BSPT	4	100



125

## Hydraulic Couplers Heavy Duty

HC-12



Heavy duty couplers recommended for use with air operated grease guns

Hardened coupler body with double wall thickness withstands high pressure without deformation

Fully hardened spring steel jaws

Hexagonal nut for easy tightening

For use with hand & air operated grease guns

### ORDERING INFORMATION

CAT NR.	THREADS	JAWS	BOX QTY.
HC/12/3/B	1/8" BSPT	3	100
HC/12/4/B	1/8" BSPT	4	100



126

## Push-on Grease Couplers

PCN-1

PCN-3

PCN-2



Push-on grease couplers for use with button head grease fittings, found mainly on heavy machinery, agricultural & contractor's equipment etc.

Zinc die cast construction

Metal seal imparts increased resistance to wear

Couplers conveniently slide over the face of the button head fittings

For use with hand operated grease guns

Threaded 1/8" BSPT (F)

### ORDERING INFORMATION

CAT NR.	PRESSURE RATING		BOX QTY.
	(PSI)	(BAR)	
PCN/1/B	3000	207	10
PCN/3/B	6000	413	10
PCN/2/B	7500	517	10

PCN-1



For 5/8" (16 mm)  
Button Head  
Fittings  
Pressure: 3000 PSI  
(207 BAR)

PCN-3



Medium Duty for  
5/8" (16 mm)  
Button Head Fittings  
Pressure: 6000 PSI  
(413 BAR)

PCN-2



Heavy Duty for 7/8"  
(22 mm) Giant Button  
Head Fittings  
Pressure: 7500 PSI  
(517 BAR)





**127**

## Grease Cartridge

**CTG**

400 gms of premium lithium complex red grease NLGI grade 2

Non messy, totally clean offering highest convenience in usage

Useful for all automotive, industrial, construction & agricultural applications

Recommended for use with GROZ grease guns



### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
CTG/01P	Grease Cartridge Capacity: 400 gms	10

**128**

## Ezee Lube Kit

**GAK**

A range of quick connect accessories suitable for most difficult greasing jobs

### CONSTITUENTS

#### Professional Recessed Lube Adaptor

For greasing of recessed fittings, or areas with obstruction where regular grease couplers cannot be used

#### Grease Injector Needle

For greasing in very tight spaces, such as universal joints, sealed bearings etc.

#### Professional 90° Angled Lube Adaptor

Useful for greasing in shoulders & other confined areas

#### Narrow Needle Nose Adaptor

Useful for greasing hard to reach fittings on trucks, vans etc.

#### Seal off Quick Dispenser

Converts a jaw type coupler to a seal off dispenser allowing it to be used for lubricating automobiles with grease plugs

#### Right Angled Quick Coupler

Converts a regular coupler to a right angled coupler allowing it to be used for greasing of fittings with limited access

#### Quick Connect Hose

Converts a steel extension assembly to a flexible hose allowing access to hard to reach fittings



### ORDERING INFORMATION

CAT NR.	BOX QTY.
GAK/7	5



129

## Grease Fittings

GFT



Manufactured to the most stringent quality standards – TS 16949 approved manufacturing

Head profile & dimensions are accurately controlled & conform to DIN 71412

Heat treated greasing ends

Zinc plating exceeds ASTM B117

Fittings have heat treated springs for increased life

Available ready from stock in a large selection of popular types & sizes, with many more variations custom manufactured

### ORDERING INFORMATION

CAT NR.	TYPE	HEX SIZE	OVERALL LENGTH	BOX QTY.
<b>6.0 × 1.0 MM TAPER THREADS</b>				
GFT/6/1	Straight	7 mm	16 mm	100
GFT/6/1/45	45°	9 mm	21 mm	50
GFT/6/1/90	90°	9 mm	18 mm	50
<b>8.0 × 1.0 MM TAPER THREADS</b>				
GFT/8/1	Straight	9 mm	16 mm	100
GFT/8/1/45	45°	9 mm	21 mm	50
GFT/8/1/90	90°	9 mm	18 mm	50
<b>10.0 × 1.0 MM TAPER THREADS</b>				
GFT/10/1	Straight	11 mm	16 mm	100
GFT/10/1/45	45°	11 mm	21 mm	50
GFT/10/1/90	90°	11 mm	18 mm	50
<b>10.0 MM × 1.5 MM TAPER THREADS</b>				
GFT/10/1.5	Straight	11 mm	18 mm max.	100
GFT/10/1.5/45	45°	11 mm	21 mm max.	50
GFT/10/1.5/90	90°	11 mm	18 mm max.	50
<b>1/8" × 28 BSPT - TAPER THREADS</b>				
GFT/R/1-8/28	Straight	11 mm	16 mm	100
GFT/R/1-8/28L	Straight	11 mm	20 mm	50
GFT/R/1-8/28/45	45°	11 mm	21 mm	50
GFT/R/1-8/28/45L	45°	11 mm	26.3 mm	50
GFT/R/1-8/28/90	90°	11 mm	18 mm	50
GFT/R/1-8/28/90L	90°	11 mm	21.4 mm	50
<b>1/4" × 19 BSPT - TAPER THREADS</b>				
GFT/R/1-4/19	Straight	9/16"	17.5 mm	50
GFT/R/1-4/19L	Straight	15.24 mm	23.5 mm	25
GFT/R/1-4/19/45	45°	9/16"	22.5 mm	50
GFT/R/1-4/19/90	90°	9/16"	22 mm	50



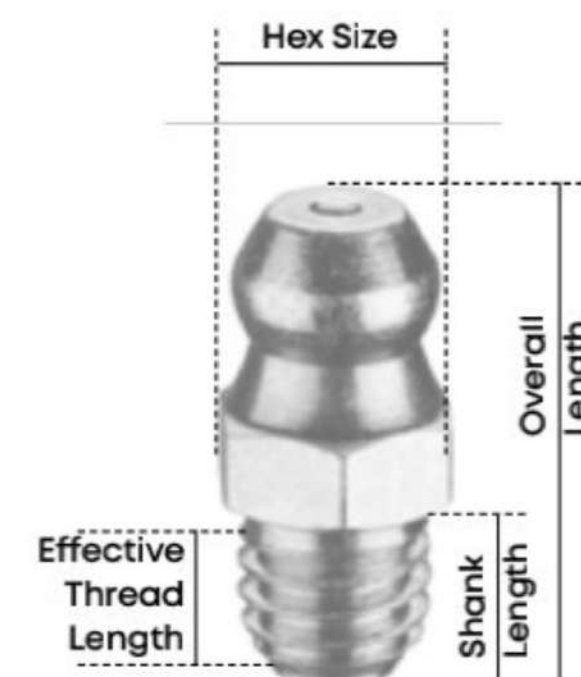
Grease Fitting – Straight



Grease Fitting Angled - 45°



Grease Fitting Angled - 90°





Grease Feeders are used to provide single point controlled lubrication for all types of bearing housings thereby eliminating difficulties arising due to over or under greasing

Working on a spring compression mechanism, the design regulates grease discharge in proportion to changing spring pressure, thus maintaining constant discharge pressure of 1- 2 PSI

Die cast aluminium bodies with polycarbonate dome assembled with medium springs. Heavy & light spring come as spares in the same pack and can be easily interchanged depending upon application

Can be mounted in any position for easy visual inspection of grease levels

Reusable: Can be refilled easily with immediate activation

1/8" (M) steel adaptor at the tail end fits directly onto bearing housings Thread converters & angle adaptors available as spares

Remote Refill kit also available that permits remote filling of grease from distances up to 3 meters (10')

#### RECOMMENDED USE

For use with NLGI 0 to 4 non separating grease on any equipment that

- has anti friction, oscillating or roller bearings
- has shielded bearings with seals
- has bronze, olite or open bearings
- requires bearing flushing action



#### SPRING SELECTION GUIDE

OPERATING TEMPERATURE		NLGI GREASE TYPE				
FROM	TO	NO. 0	NO. 1	NO. 2	NO. 3	NO. 4
-23°C	4°C	Blue	Silver	Red		
4°C	43°C	Blue	Silver	Silver	Red	
43°C	93°C		Blue	Silver	Silver	Red
93°C	121°C			Blue	Silver	Red

#### SIZE SELECTION GUIDE

BEARING SHAFT DIA.	Upto 1-1/2" (38 mm)				1-1/2" (38 mm) & over			
	Intermittent		Continuous		Intermittent		Continuous	
CLASS OF BEARING	Open	Sealed	Open	Sealed	Open	Sealed	Open	Sealed
UNDER 1000 RPM	1 oz.	1 oz.	1 oz.	1 oz.	2 oz.	2 oz.	2 oz.	2 oz.
1000 TO 2500 RPM	1 oz.	1 oz.	1 oz.	1 oz.	2 oz.	2 oz.	6 oz.	6 oz.
OVER 2500 RPM	2 oz.	1 oz.	2 oz.	2 oz.	6 oz.	6 oz.	6 oz.	6 oz.

#### ORDERING INFORMATION

CAT NR.	BOWL CAPACITY		OVERALL DIA.		OVERALL HEIGHT		BOX QTY.
	(OZ.)	(GMS)	(INCH)	(MM)	(INCH)	(MM)	
GFD/PA/1/B	1	28	1-3/4	40	3-5/8	92	1
GFD/PA/2/B	2	56	2-3/8	60	4-5/8	117	1
GFD/PA/6/B	6	170	3	75	6	150	1
<b>REMOTE GREASE REFILL KIT</b>							
GFD/RK/1	3m (10') Grease hose with all fittings						1



131

## Portable Greasing System Manual

GS-5



Fully portable & single person operated manual greasing system

Designed for volume greasing in workshop environments, site applications, on a pick-up truck, tractor, earth moving equipment etc

Pump is operated by foot press of the spring loaded system. The hose gets charged with grease, which can then be dispensed through the super gun fitted at the end of the hose. A single charge provides upto 30 shots of grease

### High Pressure-High Volume Setting

Aluminium die cast super gun has high pressure & high volume settings, actuated through a simple switch

High pressure feature is very useful to open blocked grease fittings

Fully sealed pump assembly prevents contamination

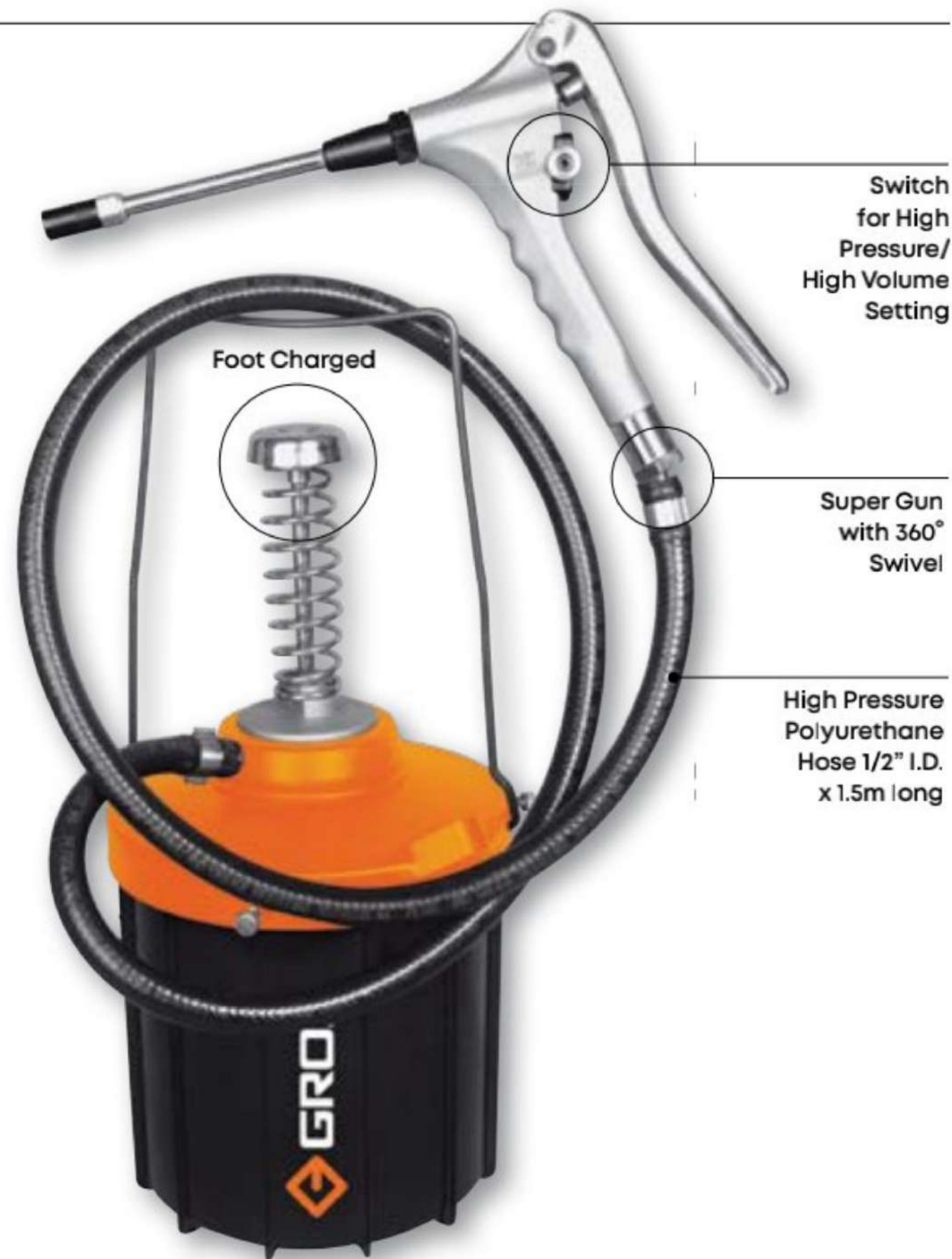
Complete with drum cover, rubber lined follower plate, premium 1/2" ID high pressure hose, super gun fitted with steel extension, coupler and 5 kg plastic grease bucket

### WETTED COMPONENTS

Aluminium, Steel, Brass, Polyurethane & Nitrile Rubber

### RECOMMENDED USE

NLGI 1 & 2 greases



Common sight on construction equipment requiring high volume routine greasing

### ORDERING INFORMATION

CAT NR.	BUCKET CAPACITY	PUMP LENGTH BELOW DRUM COVER		DRUM COVER DIAMETER			FOLLOWER PLATE DIMENSIONS		HOSE LENGTH	BOX QTY.	
						O.D. STEEL END		O.D. PLATE			
						(MM)	(INCH)	(MM)			(INCH)
	(KG)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(M)	
GS/5	5	197	7-3/4	216	8-1/2	171	6-3/4	206	8-1/8	1.5	1





Volume grease pump designed for quick & effortless greasing in applications requiring large volume of lubrication everyday

For use with agricultural equipment, excavators & other earth moving equipment & in automotive applications

### Variable Handle Setting

can be set for high volume or high pressure grease discharge. Pump delivers upto 9gms of grease on high volume setting. Fully CNC machined to close tolerances the pump develops upto 4,000 PSI (275 BAR) on high pressure setting

Includes follower plate

### WETTED COMPONENTS

Steel, Aluminium, Brass & Nitrile Rubber

### RECOMMENDED USE

NLG| 1, 2 & 3 greases

Lift handle

Variable handle setting

Air release valve for removing trapped air from grease

Max. grease level marked on the grease bucket

Swivel connector, allows easy manoeuvrability of hose without hose kinking

High pressure hose 2m x 1/4" ID

Steel bucket with foot rest



**VGP/10A**  
(without wheels)

### Variable Handle Setting



### ORDERING INFORMATION

CAT NR.	CAT NR.	CAPACITY (KG)	BOX QTY.
WITHOUT WHEELS	WITH WHEELS		
VGP/3A/RF	---	3	1
VGP/6A	VGP/6	6	1
VGP/10A	VGP/10	10	1
---	VGP/15	15	1
---	VGP/20	20	1



VGP

133

## Scoop & Swipe Set



**VGP/3A/RF**  
(without wheels)



**VGP/6**  
(with wheels)



**VGP/6A**  
(without wheels)



**VGP/10**  
(with wheels)



**VGP/15**  
(with wheels)



**VGP/20**  
(with wheels)



Now you can avoid the mess while working with bulk grease with hands

Use the GROZ Grease Scooper to avoid grease contamination and spillage in 3 simple steps



### STEP 1

Use the Scooper to draw sizable amount of grease from the bucket.



### STEP 2

Use the swipe to clean the Scooper from inside.



### STEP 3

Use the swipe to clean the Scooper from outside.

### ORDERING INFORMATION

CAT NR.	BOX QTY.
GSW/1/ST	10



134

## Foot Operated Bucket Grease Pump

FOP-10



High pressure portable grease pump for quick effortless greasing in everyday lubrication such as greasing of excavators & other earth moving equipment, agricultural equipment, automotive etc

### Hands free operation

Pump operates using the foot lever, which greatly reduces effort & allows high pressure greasing with highest comfort

Can be operated by hand when under low machinery

### Economical

Pump is operated by a single person & uses low cost bulk grease

Designed with all moving parts submerged in the same grease which needs to be pumped, thereby staying lubricated at all times

Moving parts create wave action in grease, auto removing air pockets & eliminating the use of a follower plate

### RECOMMENDED USE

NLGI 1 & 2 greases



### ORDERING INFORMATION

CAT NR.	CAPACITY	BOX QTY.
	(KG)	
FOP/10A	10	1



SCAN TO  
WATCH





135

## High Volume Grease Ratio Pump 50:1

GPH



Heavy Duty Industrial grade pneumatic pump

Particularly suitable for grease distribution in pipe works & installations where simultaneous grease supply is required on different dispensing points at high pressure or in large volume

Pump dispenses grease upto 50 times the air inlet pressure

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 3" (76 mm) dia. air motor

Stall free, ice free motor with tough durable housing, integrated muffler for quiet operation

### No Service Required

With very few moving parts this rugged pump requires virtually no servicing. No special maintenance tools needed

Supplied complete with drum cover, rubber line follower plate, 3 m high pressure grease hose, Z swivel & professional grease control valve

### WETTED COMPONENTS

Steel, Polyurethane, Nitrile Rubber, C.R.C. Sheet, Copper, PTFE

### RECOMMENDED USE

NLGI 1, 2, 3 Grease

### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI (2-10 BAR)
AIR INLET CONNECTION	1/4" NPT
PUMP OUTLET CONNECTION	3/8"
AIR CONSUMPTION	13 CFM
NOISE LEVE	85-90 dB

### ORDERING INFORMATION

CAT NR.	FITS	DRUM COVER DIAMETER			FOLLOWER PLATE DIMENSIONS			BOX QTY.
				O.D. STEEL END		O.D. PLATE		
		(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	
GPH/1/ST/BSP	20-30 kg pails	12	310	9-1/2	241	11-11/32	288	1
GPH/2/ST/BSP	50-60 kg pails	15	381	12-11/16	322	15	380	1
GPH/3/ST/BSP	180 kg drums	24-1/2	612	21-5/8	550	23-11/16	602	1






**7500 PSI**

**1.10 kg/minute**


Pump dispenses grease at pressures upto 50 times the air inlet pressure

Designed to work in tough conditions; these are ideal for use in industry, workshop, farm, construction or as part of the Mobile Grease System

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 63 mm dia. air motor

Strainer at suction tube inlet removes dirt, debris etc from entering into the system

### WETTED COMPONENTS

Steel, Brass, Aluminium, Polyurethane & Nitrile Rubber

### RECOMMENDED USE

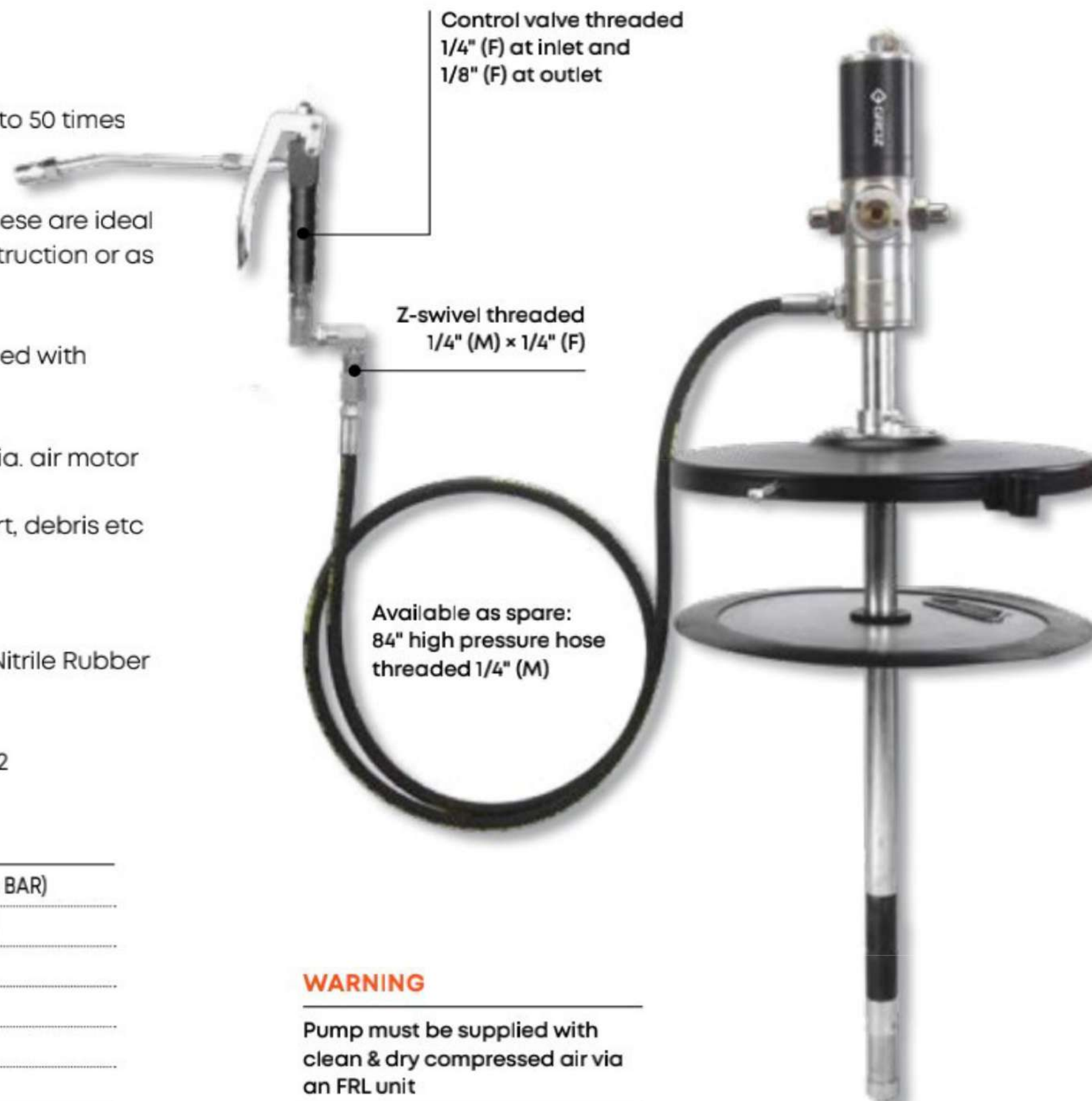
Light & self collapsing grease upto NLGI 2

### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI (2-10 BAR)
MAXIMUM AIR PRESSURE	150 PSI (10 BAR)
AIR INLET CONNECTION	1/4" BSP (F)
PUMP OUTLET CONNECTION	1/4" BSP (F)
AIR CONSUMPTION	230 lt / min
NOISE LEVEL	81 db

### WARNING

Pump must be supplied with clean & dry compressed air via an FRL unit



### ORDERING INFORMATION

CAT NR.	DRUM SIZE	SUCTION TUBE LENGTH	DRUM COVER DIA.	DESCRIPTION	FOLLOWER PLATE DIMENSIONS			BOX QTY.
					O.D. STEEL END	O.D. PLATE	I.D. GROMMET	
GREASE PUMP KIT								
GP1/ST/501/BSP	20-30 KG	440 MM	305 MM	Pump Supplied with drum cover, rubber lined follower plate, 7' (84") of high pressure grease hose, Z swivel & professional grease control valve	241 mm	288 mm	29.5 mm	1
GP2/ST/501/BSP	50-60 KG	730 MM	381 MM		322 mm	380 mm	29.5 mm	1
GP3/ST4/501/BSP	180 KG	950 MM	612 MM	Pump Supplied with drum cover, rubber lined follower plate, 7' (84") of high pressure grease hose, Z swivel & Heavy Duty grease control valve	550 mm	602 mm	29.5 mm	1
GP3/ST3/501/BSP	180 KG	950 MM	612 MM	Pump Supplied with drum cover & rubber lined follower plate only	550 mm	602 mm	29.5 mm	1
PUMP ONLY								
GP3/501/BSP	180 KG	950 MM	-	Pump only	-	-	-	1
GP3/501/N	180 KG	950 MM	-	Pump only	-	-	-	1
PORTABLE GREASE PUMP SYSTEM COMPLETE WITH GREASE BUCKET								
BGRP/15	15 KG							1
BGRP/30	30 KG							1
BGRP/50	50 KG							1



GP

BGRP

**GP1/ST/501/BSP****GP2/ST/501/BSP****GP3/ST4/501/BSP****GP3/ST3/501/BSP****GP3/501/BSP****BGRP/15****BGRP/30****BGRP/50**





Trolley Mounted kits are ideal for use in workshops, garages, shop floors, providing complete portability for everyday greasing jobs

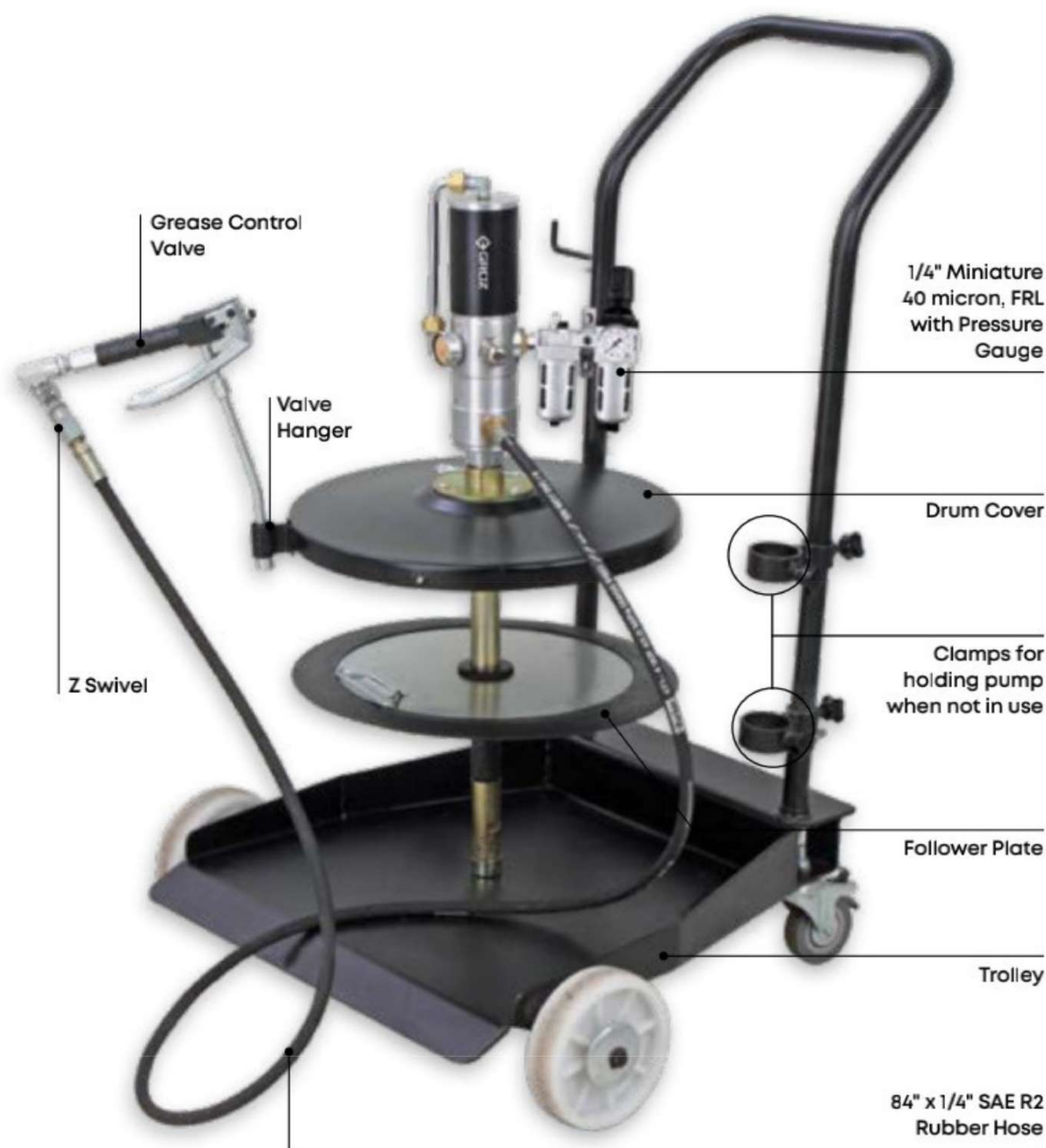
### A typical kit is formed of

1. 50:1 Air Operated Grease Pump
2. Steel Drum Cover
3. Rubber Lined Follower Plate
4. Grease Hose
5. Grease Control valve fitted with Z Swivel
6. Drum Trolley
7. 1/4" Miniature Air Filter-Regulator & Lubricator
8. Hose Reel\*

4 heavy duty castors for ease of movement. Rear castors with toe-locks that ensure safety

Kit comes in CKD form & can be assembled quickly

\*only on 180 kg version



**TMK/GP1/A/BSP**

### SPECIFICATIONS

	TMK/GP1/A/BSP	TMK/GP2/A/BSP	TMK/GP3H/A/BSP
WORKING PRESSURE	30-150 PSI (2-10 BAR)	30-150 PSI (2-10 BAR)	30-150 PSI (2-10 BAR)
HOSE	84" High Pressure	84" High Pressure	84" High Pressure
AIR CONSUMPTION OF PUMP	230 LPM	230 LPM	230 LPM
NOISE LEVEL	81 db	81 db	81 db
FILTERING ELEMENT IN FILTER	40 Micron	40 Micron	40 Micron

### ORDERING INFORMATION

CAT NR.	FITS	DRUM COVER DIAMETER		METAL HOSE REEL*	BOX QTY.
		(INCH)	(MM)		
TMK/GP1/A/BSP	20-30 kgs drums	12	310	No	1
TMK/GP2/A/BSP	50-60 kgs drums	15	381	No	1
TMK/GP3H/A/BSP	180 kg drum	24-1/2	612	Yes	1



138

## Maxilube® Air Operated 50:1 Grease Pump

P8



Pump dispenses grease at 50X the pressure as the air inlet

Non-corroding air motor requires no lubricator in the air line

Built-in pressure relief valve prevents damage created by excessive pressure due to thermal expansion

Ideal for use in automotive workshops

With drum cover, rubber lining follower plate, 84" high pressure rubber hose & booster grease control valve fitted with z-swivel, steel extension & coupler



\*Achieved through pressure boost using the Booster Grease Control Valve

### ORDERING INFORMATION

CAT NR.	FITS	DRUM COVER DIA.	FOLLOWER PLATE DIA.	BOX QTY.
P8-G	180 kg Drum	24 -1/2"	602 mm	1
SPARE PARTS & KITS				
P3-1K	Air Motor Service Kit			1
P3-3K	Air Motor Service Kit - Mini			1
P3-5K	Bottom Service Kit			1

### SPECIFICATIONS

WORKING PRESSURE	60-150 PSI (4-10 BAR)
MAXIMUM AIR PRESSURE	150 PSI (10 BAR)
MAXIMUM OUTLET PRESSURE	7500 PSI (500 BAR)
AIR INLET CONNECTION	1/4" NPT (F)
PUMP OUTLET CONNECTION	1/4" NPT (F)
AIR CONSUMPTION	270 lt / min
GREASE OUTPUT (NLGI NO. 2 GREASE)	0.460 kg / min
NOISE LEVEL	85 db

139

## Portable Greasing System

GS100

Designed to cater to daily bulk greasing needs at workshops requiring movable systems

### Includes

- maxilube® Air Operated 50:1 pump suitable for 180 kg drums
- Pump complete with drum cover, follower plate, 84" high pressure grease hose
- Booster grease control valve
- Retracta auto rewind grease hose reel
- Drum Trolley for 180 kg drums



### ORDERING INFORMATION

CAT NR.	BOX QTY.
GS100-G	1



**140**

## Grease Control Valve Professional

**APG-HD**


Grease control valve for use with air operated grease pumps

Highly durable all steel construction, fully CNC machined

Dispenses grease at the same pressure as the pressure at pump outlet

Valve inlet fitted with 360° Z-swivel for convenient handling and to prevent hose from kinking

Complete with 6" steel extension & heavy duty coupler

### ORDERING INFORMATION

CAT NR.	INLET THREADS	OUTLET THREADS	BOX QTY.
APG/HD/Z/1-4F/B	1/4" BSPT (F)	1/8" BSPT (F)	1



### WARNING

Skin injection hazard.  
Keep away from nozzle

### CAUTION

The gun is continuous action.  
Be careful not to over lubricate

**141**

## Grease Control Valve Booster

**APG**


Grease control valve for use with air operated grease pumps

Built-in pressure boost mechanism allows grease pressure to be boosted from 6,000 PSI to 10,000 PSI

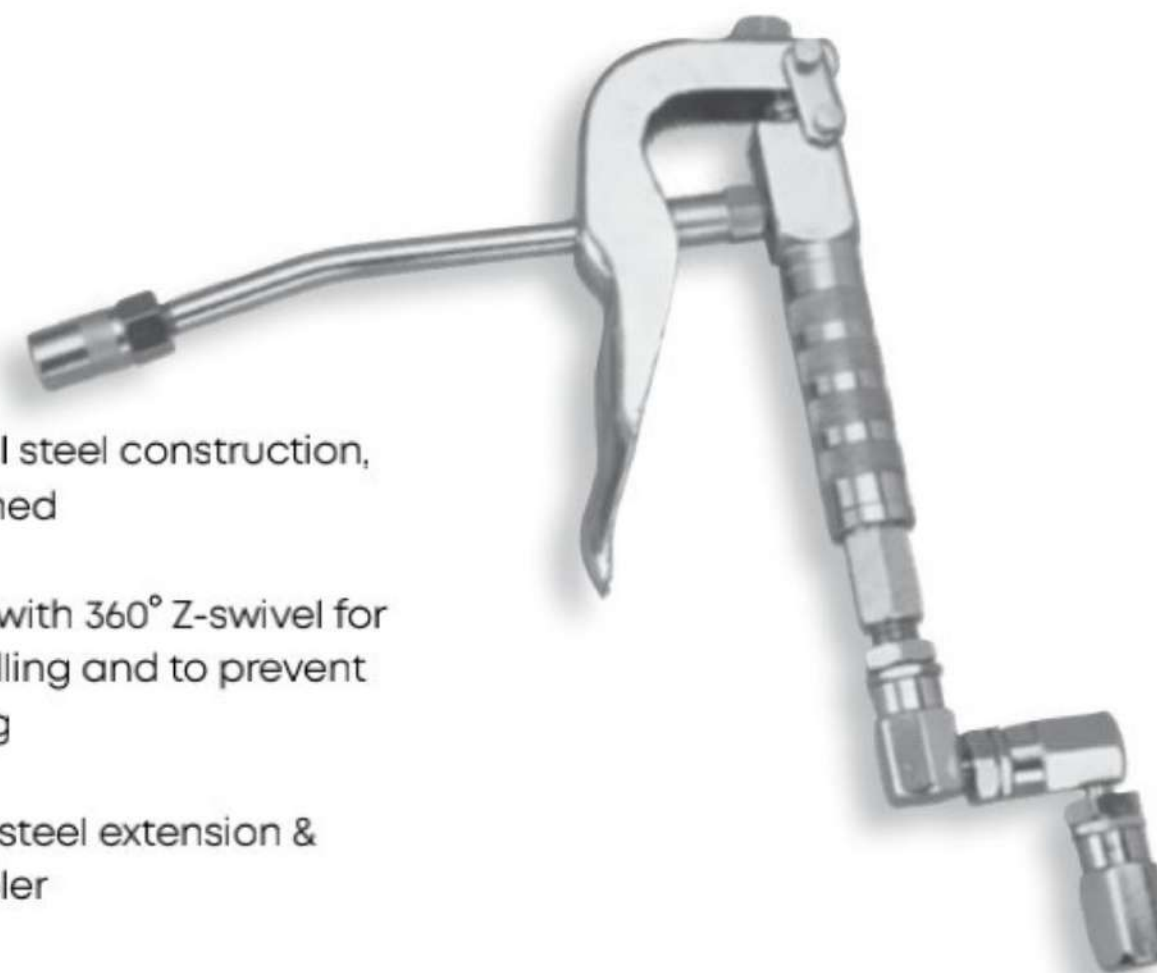
Pressure boost helps unclog blocked grease fittings & grease joints with high back pressure

Pressure boost is activated by a few repeated presses of the pistol handle

Highly durable all steel construction, fully CNC machined

Valve inlet fitted with 360° Z-swivel for convenient handling and to prevent hose from kinking

Complete with 6" steel extension & heavy duty coupler



### WARNING

Skin injection hazard.  
Keep away from nozzle

### CAUTION

The gun is continuous action.  
Be careful not to over lubricate

### ORDERING INFORMATION

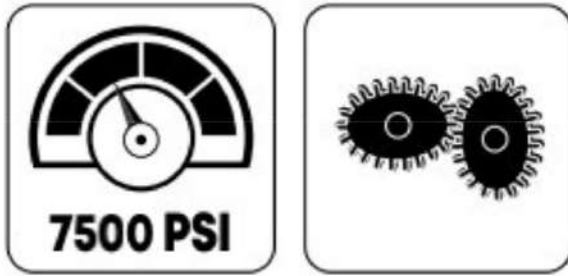
CAT NR.	INLET THREADS	OUTLET THREADS	BOX QTY.
APG/Z/1-4F/B	1/4" BSPT (F)	1/8" BSPT (F)	1



142

## Grease Control Valve Metered

APG-HD



CE

Premium quality grease control valve,  
for use with air operated grease pumps

Built-in high accuracy digital grease  
meter for dispensing  
exact amount of grease

Ability to measure amount of grease  
dispensed prevents both over & under  
lubrication & is useful in saving bearing  
failures

Provides continuous grease flow, with  
trigger fully pressed

Steel construction, provides durability  
& longevity. Meter uses oval gear  
mechanism

Ergonomically designed pistol handle

Comes complete with 6" steel extension,  
heavy duty coupler & 360° Z swivel



**APG/HD/Z/1-4F/GM/B**

### SPECIFICATIONS

CONTROL VALVE TYPE	Continuous Flow
METER TYPE	Digital Oval Gear
GREASE FLOW	0.1 to 2.5 kg / minute
MAX. WORKING PRESSURE	7,500 PSI (517 BAR)
UNIT OF MEASUREMENT	kg /gms / lbs
ACCURACY	± 3%
RESETTABLE BATCH TOTAL	9,999 gms
CUMULATIVE TOTAL	99999.9 kg
BATTERY TYPE	1.5 V (Two numbers)

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	THREAD SPECIFICATION	BOX QTY.
APG/HD/Z/1-4F/GM/B	Meter fitted to a grease control valve	Inlet: 1/4" BSPT (F)	1
DGM/2/N	In-line grease meter	Inlet/Outlet: 1/8" NPT (F)	1



**DGM/2/N**  
Grease meter  
available  
as spare  
for in-line  
applications

### WARNING

Skin injection hazard.  
Keep away from nozzle

### CAUTION

The gun is continuous action.  
Be careful not to over lubricate.



**143**

## Lever Action Barrel Pump

**LBP-04**


Oil pump designed & engineered for convenient use & long service life

Powder coated steel pump body with aluminum die cast pump head

Plated steel lever handle with rubber grip for convenience in usage

3/4" pump inlet

Complete with curved metal spout & telescopic suction tube for use on 50-210 litre drums.

### WETTED COMPONENTS

Steel, Aluminium, NBR, Brass, PVC

### RECOMMENDED USE

Oil Based Fluids, Heating Oils, Motor Oil, Heavy & Light Oils, Kerosene & Diesel

### DO NOT USE WITH

Water Based Fluids, Solvents, Acids, Petrol etc.



### ORDERING INFORMATION

CAT NR.	BOX QTY.
LBP/04/PT	10

**144**

## Ezee Flow Pumps

**EZF**


Versatile pump, engineered for trouble free use on plastic containers with pull out / Rieke® spout or 2" external threads

Heavy duty steel suction tube, with the pump head made from Nylon

Pump head incorporates nozzle holder & option to drain back over flown fluid into the container

The pump comes with interchangeable bung adaptors. Standard bung adaptor is useful when using the pump on containers with external threadings. When using the pump on containers with plastic pull-out Rieke® spout, the other adaptor may be used

Suitable for use on 50 litre plastic drums. Pump delivers on the upward stroke

Complete with rigid steel discharge spout & 48" discharge hose

### WETTED COMPONENTS

Steel, Aluminium, Polyethylene, Nylon, High Nitrile Rubber, PVC & Acetal

### RECOMMENDED USE

Engine Oils, Gear Oils, Diesel and Light Fuel Oils

### DO NOT USE WITH

Water based & other corrosive media



### ORDERING INFORMATION

CAT NR.	FOR DRUM SIZE	NO. OF ADAPTORS	BOX QTY.
EZF/8	50 litres	2	10



145

## Rotary Barrel Pump

V25



Most popularly used pump for general purpose lubrication on farms, automotive, workshops & construction sites

Pump features a dual directional operation that allows the pump to both empty as well as refill container

Rugged cast iron construction with machined vanes for better draw & smoother delivery

1" pump inlet

### ORDERING INFORMATION

CAT NR.	BOX QTY.
V25/3R/SPL/F	4

Complete with 3 pc rigid suction tube for use on 50-210 litre drums

### WETTED COMPONENTS

Steel, Cast Iron, NBR

### RECOMMENDED USE

Heating Oils, Motor Oils, Lubricating Oils etc.

### DO NOT USE WITH

Water based Media, Acids, Petrol etc.



146

## Rotary Barrel Pump V Series

V10



Pump for general purpose lubrication on farms, automotive, workshop & construction sites.

Rugged cast iron construction with machined vanes for better draw & smoother delivery.

### Pump Inlet

1"

### Pump Outlet

3/4"

### ORDERING INFORMATION

CAT NR.	PUMP NLET	PUMP OUTLET	SUCTION TUBE	BOX QTY
V10	1"	3/4"	3 pc	4

Complete with 3 pcs rigid suction tube for use on 50-210 litre drums

### WETTED COMPONENTS

Steel, Cast Iron, NBR

### RECOMMENDED USE

Heating oils, Motor oils, Lubricating oils, Diesel, Kerosene etc.

### DO NO USE WITH

Water based media, Acids, Petrols etc.





**147**

## Bucket Oil Pumps

V30

V12

V16



Portable oil pumps designed for dispensing transmission differentials & heavier oils

Pump with variable handle setting for use with media of different viscosities

Includes 48"/4' PVC hose with nozzle

Includes steel drum (12 litre or 16 litre capacity) with a choice of with or without wheels

### ORDERING INFORMATION

CAT NR.	BUCKET CAPACITY (LITRE)	BOX QTY.
<b>WITHOUT WHEELS</b>		
V12	12	1
V16	16	1
<b>WITH WHEELS</b>		
V12W	12	1
V16W	16	1
V30W	30	1



**148**

## Bucket Oil Pump with Meter

OLP30-OM10



Pump designed for transferring transmission differentials & heavier oils

Zinc plated pump body with aluminum die cast head & adjusting flange

High pressure positive displacement meter with oval gear mechanism for optimum accuracy

Supplied complete with 30 litres steel bucket, mechanical oil meter, wheels and pull handle

### ORDERING INFORMATION

CAT NR.	BUCKET CAPACITY (LITRES)	BOX QTY.
OLP/30/OM10	30	1





149

## Trolley Mounted Oil Pump Kits

TMK-OP



Trolley mounted kits are ideal for use in workshops, garages, shop floors providing complete portability for everyday oiling jobs

Designed for use with 55 gal. (205 Litre) Oil Drums, these come complete with

1. Air Operated Oil Pump with 2" Bung (3:1 or 5:1)
2. 3.5m (11-1/2") x 1/2" ID Oil Hose / Oil Hose Reel with 10m (30') x 1/2" Oil Hose
3. Digital Control Gun
4. Drum Trolley
5. 1/4" Miniature Air Filter-Regulator & Lubricator
6. Hose for connecting pump outlet to reel inlet\* (\*only for models with hose reel)
7. Hose Reel\*\*

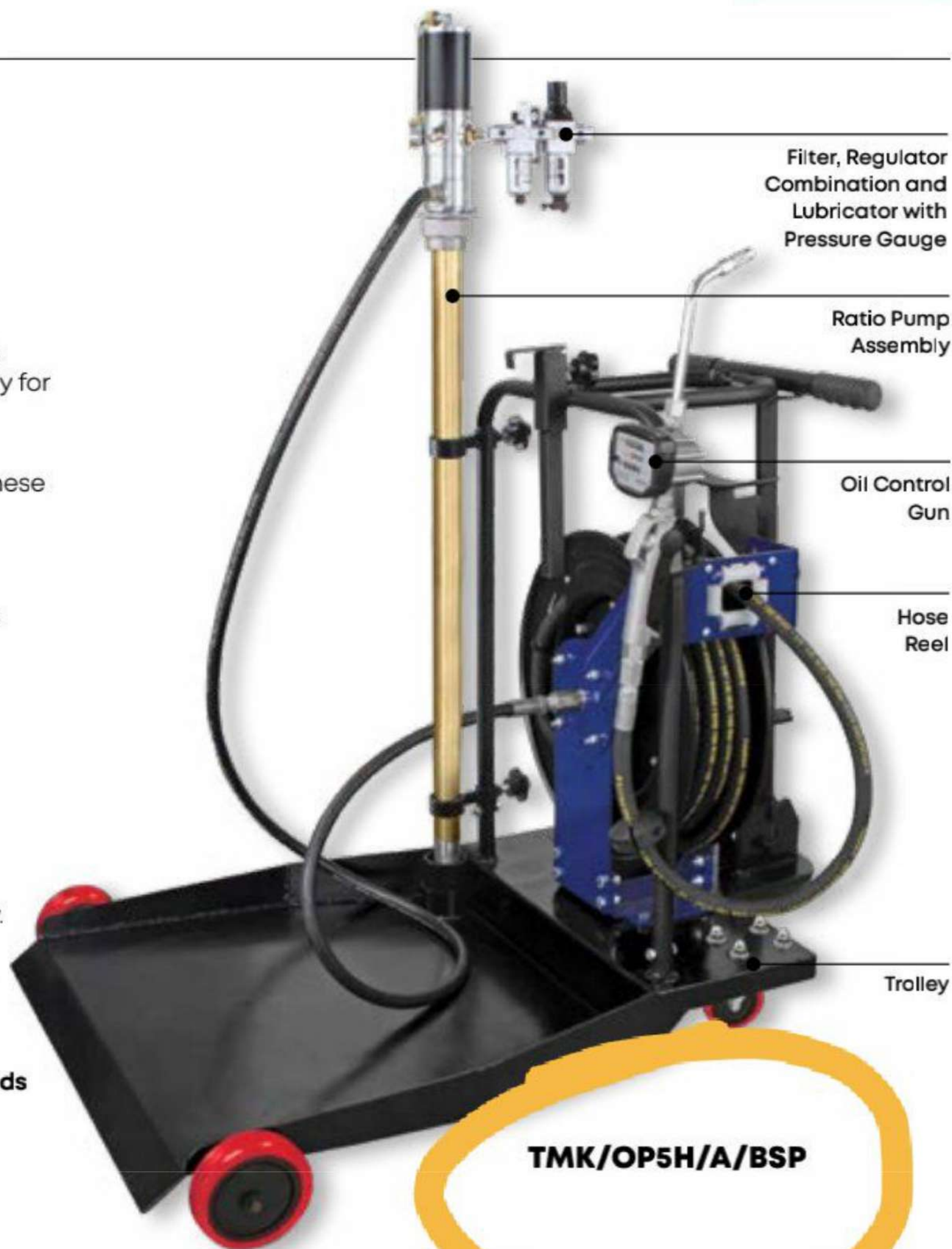
Kit comes in CKD form & can be assembled quickly.

Trolley can be locked with brakes provided on the wheels

Available in two variations both in BSP & NPT threads

- a. 3:1 pump System
- b. 5:1 pump system complete with Hose Reel

\*only with 5:1 system



### SPECIFICATIONS

	TMK/OP3/A/BSP	TMK/OP5H/A/BSP
PUMP RATIO	3:1	5:1
WORKING PRESSURE	30-150 PSI	30-150 PSI
MAX. AIR PRESSURE	150 PSI	150 PSI
FLOW RATE AT PUMP OUTLET	Up to 14 LPM	Up to 18 LPM
LEAST COUNT OF OIL CONTROL GUN	0.001 units	0.001 units
ACCURACY OF METER	± 0.5%	± 0.5%
REPEATABILITY OF METER	0.30%	0.30%
HOSE	3.5m Hydraulic Hose with 1/2" ID	10m Hose Reel with 1/2" ID
THREAD TYPE	BSP	BSP
AIR CONSUMPTION OF PUMP	230 LPM	250 LPM

### ORDERING INFORMATION

CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
BSP			
TMK/OP3/A/BSP	45830	Trolley Mounted kit with 3:1 Air Operated Pump, Hose & Digital Oil Control Gun	1
TMK/OP5H/A/BSP	45831	Trolley Mounted kit with 5:1 Air Operated Pump, Hose Reel & Digital Oil Control Gun	1



# 150

## Air Operated Oil Ratio Pumps

World-class industrial oil dispensing pumps with guaranteed performance & hassle free operation

Pumps are designed to work in tough conditions & are ideal for use in Industry, workshop, farm , construction sites or as part of the mobile oil system

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 63mm dia. air motor

Pumps have a built in strainer at inlet to keep contaminants away

### WETTED COMPONENTS

Steel, Brass, Aluminum,  
Hi-Nitrile Rubber, Polyurethane, Turcite\* & Nylon\*\*  
(\*Only On 3:1 & 5:1 Pumps,  
\*\*Only On 1:1 Pump)

### SPECIFICATIONS

WORKING PRESSURE	30-150 PSI (2-10 BAR)
AIR INLET CONNECTION	1/4" BSP (F)
PUMP OUTLET CONNECTION	1/2" BSP (F)
NOISE LEVEL	81 db
FOR USE WITH	210 litre drums

### 1:1 PUMPS



Transfer pump, used transfer for quick of oils from large drums to smaller containers. These have a double acting operation with discharge upto 40LPM

Ideal for use with low to medium viscosity (upto SAE 80 Oils) for transferring over short distances (5 metres)

Air Consumption: 270LPM

1:1 pump is also available complete with oil bar tap & connecting links (ODS series), used as an air operated oil dispenser to quickly & conveniently dispense oils from drums

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
OP/S/11B/BSP	1:1 Pump only	1
OP/T3/11B/BSP	1:1 Pump for 210 litre drums	1
OPK/T3/11B/BSP	1:1 Pump for 210 litre drums complete with 1.5m hydraulic hose & oil control gun	1



Internals Pump



### WARNING

Pump must be supplied with clean & dry compressed air via an FRL unit



Double Acting

OP/T3/11B/BSP



OP-11

OP-31

OP-51

**3:1 PUMPS**

Amongst the most popular general purpose air operated pumps

Pumps are single acting with discharge upto 14 LPM

Ideal for use with medium to high viscosity oils (upto SAE 130) for transferring over short distances (upto 30 meters), mostly used with Trolley mounted kits

Air Consumption: 230 LPM

**ORDERING INFORMATION**

CAT NR.	DESCRIPTION	BOX QTY.
OP/S/31B/BSP	3:1 Pump only	1
OP/T3/31B/BSP	3:1 Pump for 210 litre drums	1
OPK/T3/31B/BSP	3:1 Pump for 210 litre drums complete with 1.5m hydraulic hose & oil control gun	1

**OP/T3/31B/BSP****5:1 PUMPS**

High pressure air operated pumps for dispensing oil at 5 times the pressure as the air inlet

Pumps are double acting with discharge upto 18LPM

Ideal for use with high viscosity oils (upto SAE 240) for transferring over short & long distances (upto 50 meters),

mostly used with Trolley mounted kits both with & without hose reels, as well as with fixed systems for centralized distribution

Air Consumption: 250LPM

**ORDERING INFORMATION**

CAT NR.	DESCRIPTION	BOX QTY.
OP/S/51B/BSP	5:1 Pump only	
OP/T3/51B/BSP	5:1 Pump for 210 litre drums	1
OPK/T3/51B/BSP	5:1 Pump for 210 litre drums complete with 1.5m hydraulic hose & oil control gun	1

**OP/T3/51B/BSP**



Heavy Duty Industrial grade pneumatic oil pump designed for unmatched performance in demanding conditions

Dispenses oil upto 6.5 times the pressure as air inlet

All metal construction, fully CNC machined with hardened wear resistant moving parts

Reciprocating piston operated 3" (76 mm) dia. air motor

### Stall Free & Ice Free Motor

Tough durable housing with integrated muffler for quiet operation

### Single Acting Pump

For dispensing high viscosity oils (upto SAE 240) for transferring over short & long distances (upto 60 metres)

### Low Maintenance Pump

Advanced, rugged design with few moving parts & no special maintenance tools make the pump servicing convenient

Stub pump comes complete with 2 additional suction tubes for use on drums upto 205 litre (55 gal.)

### WETTED COMPONENTS

Steel, Brass, Aluminum, Turcite, Polyurethane, NBR



### SPECIFICATIONS

WORKING PRESSURE	2-10 BAR (30-150 PSI)
MAX. AIR PRESSURE	10 BAR (150 PSI)
AIR INLET CONNECTION	1/4" BSP (F) / 1/4" NPT (F)
MAX MEDIA OUTLET PRESSURE	975 PSI ( 65 BAR)
AIR CONSUMPTION	250 LPM
PUMP OUTLET CONNECTION	1/2" BSP (F) / 1/2" NPT (F)
PUMP INLET*	1" BSP (F)/1" NPT (F)
FLOW RATE	Upto 18 LPM (4.76 GPM)
NOISE LEVEL	82 db

\* For stub pump only

### ORDERING INFORMATION

CAT NR.	THREADS	BOX QTY.
OPH/S-T3/61B/BSP	BSP	4





152

## Air Operated Stainless Steel Pump 3:1

OP-SS



3:1 Air Operated pump, corrosion protected for use with water based fluids, such as detergents, windshield fluids, water etc

Wetted components are made out of stainless steel

Pump is designed to work in corrosive environments, ideal for use in car washers, garages, workshops, lube trucks, industry etc.

Reciprocating piston operated 63 mm dia. air motor

Pump has a built in stainless steel strainer at inlet to keep contaminants away

2" die cast aluminium bung for use with 210 litre drums

### WETTED COMPONENTS

Stainless Steel, Brass, Aluminium, Hi-Nitrile Rubber, Polyurethane, Turcite

### RECOMMENDED USE

Water, water soluble lubricants, coolants, soap solutions, detergents, windshield fluids etc.

### DO NOT USE

Food Grade media, waste oil or any media not compatible with the pump components

### WARNING

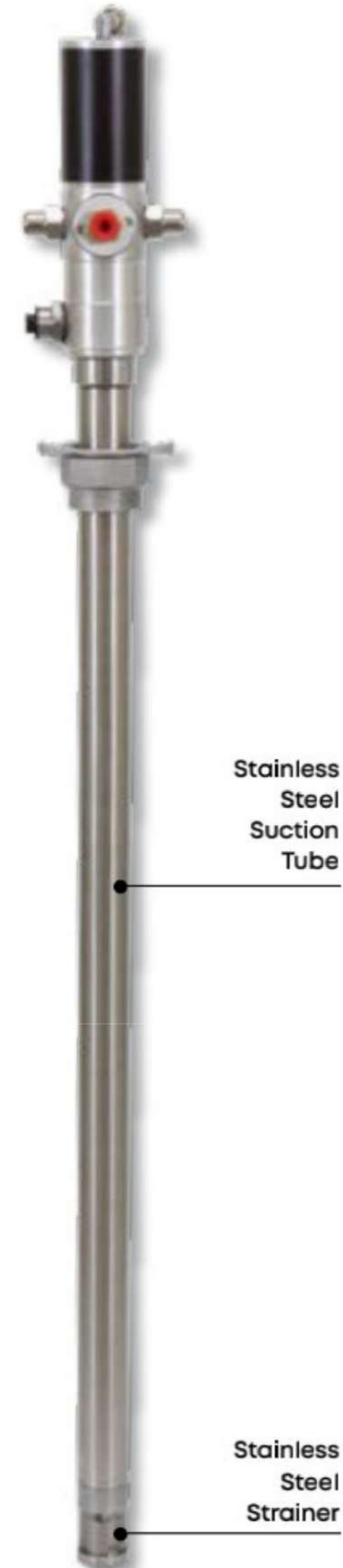
Pump must be supplied with clean & dry compressed air via an FRL unit

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
OP/T3/SS/BSP	3:1 Stainless Steel Pump	1

### SPECIFICATIONS

WORKING PRESSURE	30 -150 PS (2-10 BAR)
MAX. AIR INLET PRESSURE	150 PSI (10 BAR)
AIR CONSUMPTION	230 LPM
AIR INLET CONNECTION	1/4" BSP (F)
PUMP OUTLET CONNECTION	1/2" BSP (F)
NOISE LEVEL	81 db
FOR USE WITH	210 litre drums



Stainless Steel Suction Tube

Stainless Steel Strainer





Double Diaphragm Pumps are designed for use in applications requiring large volume transfer in a short time

Driven by compressed air, these can transfer contaminated media & are very useful for cleaning out pits with mixed liquids such as oil, water etc.

Handle a wide variety of fluids with solid content as there are no close fitting or rotating parts

### Self Priming

Pump is designed for high suction lift even at dry start up & also with heavier fluids

Ability to run dry, as there are no close fitting or sliding parts

### Portable/Simple Installation

Simply connect air supply line & liquid line; pump is ready to perform

### Explosion Proof

Safe pumps since they are operated by compressed air

### Pumping Efficiency Remains Constant

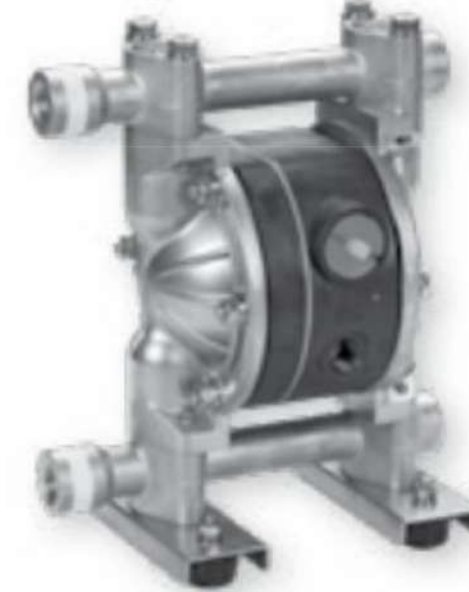
No rotors, gears or pistons that wear over time, hence no decline in performance

All pump models are designed for use with an inlet air pressure of 20-100 PSI

Air inlet threaded 1/4" NPT (F)

### Pumps are available in a choice of 2 materials

- i. Aluminium body with a Hytrel® diaphragm. These can be used for all high temperature applications
- ii. Polypropylene - body with
  - a. Santoprene Diaphragm - for use with abrasives, acids, caustic etc.
  - b. Teflon (PTFE) Diaphragm - for use with fluids such as solvents



	AODD/1-4/FPT/N	AODD/1-2/BAH/N
SIZE	1/4"	1/2"
CASING	Polypropylene	Aluminium
DIAPHRAGM	PTFE	Hytrel®
FLOW RATE	0-11 LPM	0-50 LPM
PUMP INLET/ OUTLET NPT (F)	1/4"	1/2"
AIR EXHAUST NPT(F)	3/8"	3/8"
MAX PARTICLE SIZE	N/A	1 mm
SUCTION LIFT (DRY)	5-feet	5-feet
MAX AIR CONSUMPTION	250 LPM (8.83 CFM )	450 LPM (15.9 CFM)
WETTED COMPONENTS	Polypropylene, PTFE	Aluminium, PA, Stainless steel, Hytrel®
VALVE BALL MATERIAL	PTFE (Flat type)	Hytrel®
AIR MOTOR	Ryton®	Aluminium
MAXIMUM LIQUID TEMPERATURE	60°C	80°C

### Note:

Other materials, configurations and sizes can be custom manufactured on order

### TEMPERATURE RANGE FOR VARIOUS MATERIALS

BODY / CASING MATERIAL	LIQUID TEMPERATURE RANGE
ALUMINIUM	0°C to 100°C
POLYPROPYLENE	0°C to 60°C
DIAPHRAGM MATERIAL	LIQUID TEMPERATURE RANGE
HYTREL® (TPEE)	0°C to 80°C
SANTOPRENE® (TPO)	0°C to 90°C
TEFLON® (PTFE)	0°C to 100°C



## AODD



AODD/1-2/FPT/N	AODD/1-2/FPS/N	AODD/3-4/BAH/N	AODD/3-4/BPS/N	AODD/0-1/BAH/N
1/2"	1/2"	3/4"	3/4"	1"
Polypropylene	Polypropylene	Aluminium	Polypropylene	Aluminium
PTFE	Santoprene®	Hytrel®	Santoprene®	Hytrel®
0-45 LPM	0-45 LPM	0-110 LPM	0-110 LPM	0-110 LPM
1/2"	1/2"	3/4"	3/4"	1"
3/8"	3/8"	3/4"	3/4"	3/4"
N/A	N/A	2.0 mm	2.0 mm	2.0 mm
8-feet	8-feet	18-feet	18-feet	18-feet
350 LPM (12.4 CFM)	350 LPM (12.4 CFM)	1200 LPM (42.4 CFM)	1200 LPM (42.4 CFM)	1200 LPM (42.4 CFM)
Polypropylene, PTFE	Polypropylene, PTFE	Aluminium, Stainless steel Hytrel®	Polypropylene, Santoprene®	Aluminium, Stainless steel, Hytrel®
PTFE (Flat type)	PTFE (Flat type)	Hytrel®	Santoprene®	Hytrel®
Ryton®	Ryton®	Aluminium	Glass-filled polypropylene	Aluminium
60°C	60°C	80°C	60°C	80°C

## ORDERING INFORMATION

CAT NR.	SIZE	CASING	DIAPHRAGM	RECOMMENDED FLUIDS	BOX QTY.
AODD/1-4/FPT/N	1/4"	Polypropylene	PTFE	Windshield Washer Fluid, Caustic Soda, Sulfuric Acid (Up To 75%), Plating Solution, Photograph Developing Liquid, Benzene, Hydrogen Peroxide, Waste Water Etc.	1
AODD/1-2/BAH/N	1/2"	Aluminium	Hytrel®	Diesel Fuel, Kerosene, Lubricants, Gear Oil, Engine Oil, Waste Oil, Brake Fluid, Naphtha, Mold Lubricants, Antifreeze And Waste Water	1
AODD/1-2/FPT/N	1/2"	Polypropylene	PTFE	Windshield Washer Fluid, Caustic Soda, Sulfuric Acid (Up To 75%), Plating Solution, Photograph Developing Liquid, Benzene, Hydrogen Peroxide, Waste Water Etc.	1
AODD/1-2/FPS/N	1/2"	Polypropylene	Santoprene®	Ethanol, Ammonium Hydroxide And Waste Water	1
AODD/3-4/BAH/N	3/4"	Aluminium	Hytrel®	Diesel Fuel, Kerosene, Lubricants, Gear Oil, Engine Oil, Waste Oil, Brake Fluid, Naphtha, Mold Lubricants, Antifreeze And Waste Water	1
AODD/3-4/BPS/N	3/4"	Polypropylene	Santoprene®	Ethanol, Ammonium Hydroxide And Waste Water	1
AODD/0-1/BAH/N	1"	Aluminium	Hytrel®	Diesel Fuel, Kerosene, Lubricants, Gear Oil, Engine Oil, Waste Oil, Brake Fluid, Naphtha, Mold Lubricants, Antifreeze And Waste Water	1



**NEW!**

Specifically engineered with reduced parts ensuring maximum performance & reliability. These are used for transfer of clean & particulate laden fluids including waste oil in industrial, automotive, chemical processing, oil & gas and marine applications

## Truly Non-lubricated Design

A non lubricated outside accessible air distribution system with no messy pre-packed grease

## Energy saving

20% less air consumption over conventional pumps

## Fully bolted design

Quick tear down & rebuild, Hence negligible downtime during operation

## 20% Fewer wearing parts

Low periodic maintenance is required

## Self Priming

The pump design (incorporating internal check valves) allows for high suction lift even at dry start-up and with heavier fluids

## Explosion Proof

As pumps are operated by compressed air, therefore, they are intrinsically safe

## Submersible

If external components are compatible - these pumps can be submerged in the liquid by simply running the exhaust line above the liquid level



## VARIANTS

	AODD/25/BAH/N	AODD/15/BAH/N	AODD/15/BPS/N
			
SIZE	1"	1/2"	1/2"
CASING	Aluminum	Aluminium	Polypropylene
DIAPHRAGM	Hytrel	Hytrel	Santoprene
FLOW RATE	Upto 140 LPM (37 GPM)	Upto 58 LPM (15.3 GPM)	Upto 55 LPM (14.5 GPM)
PUMP INLET/OUTLET (F)	1" Opening	1/2" Opening, 4 inlets & 4 outlets	1/2"
AIR INLET	3/8"	1/4"	1/4"
AIR INLET PRESSURE	29 - 100 PSI (2 - 7 BAR)	29 - 100 PSI (2 - 7 BAR)	29 - 100 PSI (2 - 7 BAR)
MAX. PARTICLE SIZE	1/8" (3 mm) or less	1/32" (1 mm) or less	1/32" (1 mm) or less
WETTED COMPONENTS	Aluminum & Hytrel	Aluminum & Hytrel	Polypropylene & Santoprene
DISCHARGE VOLUME PER CYCLE	Upto 600 ml	Upto 160 ml	Upto 190 ml
DIMENSIONS	10 x 10 x 12-3/8" (257 x 257 x 315 mm)	8-1/2 x 9-21/32 x 11-11/32" (216 x 245 x 288 mm)	8.5 x 8.5 x 11.34" (216 x 216 x 288 mm)
LIQUID TEMP.	0 - 80°C	0 - 80°C	0 - 60°C
MAX. AIR CONSUMPTION	900 LPM (31.8 CFM)	520 LPM (18.3 CFM)	700 LPM (24.7 CFM)
NOISE LEVEL	81 db	81 db	81 db
WEIGHT	9.3 kg (20 lbs)	5.4 kg (11.9 lbs)	2.54 Kg (5.6 lbs)
RECOMMENDED USE	Diesel fuel, Kerosene, Lubricants, Gear oil, Engine oil, Waste oil, Brake fluid, Naphtha, Mold lubricants, Antifreeze & Waste water	Diesel fuel, Kerosene, Lubricants, Gear oil, Engine oil, Waste oil, Brake fluid, Naphtha, Mold lubricants, Antifreeze & Waste water	Adblue, Antifreeze, Ethanol, Ammonium Hydroxide & Waste Water

## ORDERING INFORMATION

CAT NR.	BOX QTY.
AODD/25/BAH/N	1
AODD/15/BAH/N	1
AODD/15/BPS/N	1



158

## Waste Oil Evacuation Kits

KIT-AODD



Filter & Regulator Combination helps avoid contamination in the inlet air & regulates air pressure

Pressure Gauge used with air regulator for setting inlet pressure

1/4" x 13.7" Air Hose

Air Inlet Port

Wall Mounting Bracket allows easy & convenient mounting of the kit near the workstation

Clamping Plate

Double Diaphragm Pump

Outlet Port

8' PVC Steel wire embedded outlet hose gives strength to the hose and prevents kinking

Air Shut-Off Valve used to cut off the air supply when not in use

Y-Strainer

Liquid Inlet Port

8' PVC Steel wire embedded Inlet Hose gives strength to the hose and prevents kinking

Cam Lock  
This connection system can be adapted to virtually all sorts of drains

Ideal for use in workshops & garages for removing used oil from drains and delivering to the used oil sump tank

### Waste Oil Evacuation System includes:

1. Double Diaphragm pump
2. Filter Regulator combination
3. Two 8' PVC hoses, cam lock, Y- strainer, fittings
4. Pressure gauge and air hose
5. Wall mounting bracket
6. Clamping plate
7. PTFE tape

### SPECIFICATIONS

	KIT/AODD/1-2/WO/N	KIT/AODD/0-1/WO/N
SIZE	1/2"	1"
FLOW RATE	0-50 LPM	0-110 LPM
CASING	Aluminium	Aluminium
DIAPHRAGM	Hytrel	Hytrel
MAX. PARTICLE SIZE	1/32" (1 mm)	1/16" (2 mm)

### ORDERING INFORMATION

CAT NR.	BOX QTY.
KIT/AODD/1-2/WO/N	1
KIT/AODD/0-1/WO/N	1



# OIL MANAGEMENT SYSTEM

Upgrade your workshop today!


- Centralized control of new and waste oil management.
- Alerts when tanks require refelling or drainage
- Each unit can monitor upto 8 dispensing outlets
- Provides automated tracking and monitoring of the lubrication room for accurate oil dispensing and also prevents wastage of oil due to any human error





**NEW!**

**AN IDEAL 4 BAY SYSTEM MUST INCLUDE:**

PICTURE	NAME OF COMPONENT	SPECIFICATIONS	QTY.
	Oil Ratio Pump	World-class Industrial 5:1 Oil Dispensing Pumps with guaranteed performance & hassle free operation	4
	Hose Reel	All metal 10m or 15 m hose reels with Heavy duty dual ratchet to reduce stress on spring smooth & balanced operation during hose extension & retraction. Can lock hose in multiple usable positions	4
	Oil Control Gun	With or without meter having built-in continuous flow switch that can be activated for unattended dispensing	4
	Solenoid Valve	Flow range: 0 to 50 l/min Operating Pressure: Max 207 bar Inlet/Outlet connections : 1/2" BSP	4
	Pulse Meter	Electric oval gear meter suitable for monitoring the delivery of oils with a wide range of viscosity. Flow Rate: Upto 30 L/Min Operating Pressure: Max 70 Bar Repeatability: 0.3% Accuracy: $\pm 0.5\%$	4
	Control Keypad	A single Control Keypad can monitor up to 8 different outlets dispensing	1
	Controller Software	Easy to operate software interface offering outlet dispensing activated directly from the PC software	1
	Power Supply Interface	A single power supply gives enough power to run up to eight outlets	1



Heavy duty oil pump designed to transfer bulk oils, hydraulic oils, used oil etc

Air cooled motor with thermal protection

Non corroding aluminium die cast pump body

Sintered powder metal gears

Self priming, positive displacement design

High horsepower to flow ratio assures adequate power to pump viscous fluids at low temperatures

Pump has an internal bypass valve to bypass flow, if the discharge pressure exceeds the bypass valve setting

Built-in 2" bung adaptor for mounting on drums/tanks

Can be used to transfer used oil with a screen fitted onto the suction tube

### Duty Cycle

30 minutes ON / 30 minutes OFF

### Available in following versions

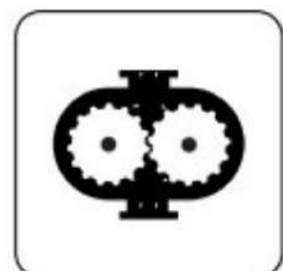
1. AC regular flow
2. AC high flow
3. DC regular flow

### WETTED COMPONENTS

Aluminium, Steel, Cast Iron, Nylon, NBR, Zinc, Polypropylene, PVC

### RECOMMENDED USE

For oils upto SAE 90, Synthetic Oils, Used Oils, Hydraulic Oils, Cutting Oils, Oil Based Herbicides, Non-Flammable Oil Based Solvents, Liquid Soap etc.



### SPECIFICATIONS

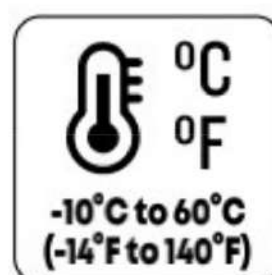
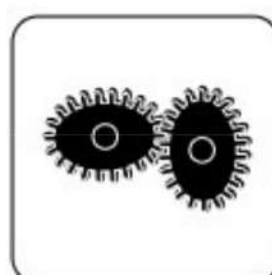
	OPM/220	OPM/220/HF	OPM/12
DESCRIPTION	Heavy Duty 220V AC	High Flow Heavy Duty 220V AC	Heavy Duty 12V DC
FLOW RATE	Upto 11.5 LPM	Upto 23 LPM	Upto 13.2 LPM
MOTOR	1/2 HP 220V AC	1/2 HP 220V AC	1/2 HP 12V DC
AMP	6 Amp	6 Amp	39 Amp
RPM	1300	2800	1500
SUCTION PIPE	34" long	34" long	34" long
HOSE	3/4" x 8'	3/4" x 8'	3/4" x 8'
INLET	1" NPT	1" NPT	1" NPT
OUTLET	3/4" NPT	3/4" NPT	3/4" NPT
DISPENSING NOZZLE	Ball valve	Ball valve	Ball valve
POWER CABLE LENGTH	8'	8'	-
MAX WORKING PRESSURE	65 PSI (4.5 BAR)	65 PSI (4.5 BAR)	65 PSI (4.5 BAR)
THERMAL PROTECTION	Yes	Yes	No
BOX QTY.	1	1	1



161

## Mechanical Oil Meters

OM-10



High pressure positive displacement meter suitable for in-line and end of line applications

Oval gear mechanism for optimum accuracy

High reliability Mechanical Display

Robust Aluminum Die Cast construction with protective shroud on meter

Available in Litres / Quarts version

### WETTED COMPONENTS

Aluminum, Stainless Steel, Nitrile Rubber & POM

### RECOMMENDED USE

Oils with viscosity upto 2000 cSt, Diesel, Biodiesel

### DO NOT USE WITH

Water based media, Gasoline etc.



### SPECIFICATIONS

ACCURACY	±1%
REPEATABILITY	±0.20%
BURST PRESSURE	3000 PSI (210 BAR))
PRESSURE LOSS	10 PSI (0.7 BAR)
UNITS OF MEASURE	Litres or Quarts
MAX. RESETTABLE BATCH TOTAL	999.9 Units
MAX. NON RESETTABLE TOTALIZER	999999.9 Units
LEAST COUNT / RESOLUTION	0.10 Units
WATER RESISTANCE	IP55

**Note:** Not to be used to measure media for resale

### ORDERING INFORMATION

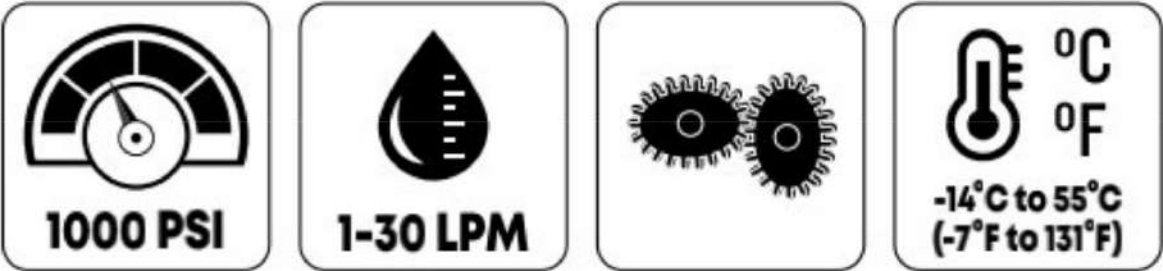
CAT NR.	MEASUREMENT	THREADS	BOX QTY.
OM-10/1-2/BSP	Litres	1/2" BSP (F)	1
OM-10/1-2/N	Litres	1/2" NPT (F)	1
OM-10Q/1-2/N	Quarts	1/2" NPT (F)	1



162

Heavy Duty  
Electronic Oil Meter

OM-200



High pressure positive displacement meter suitable for in-line and end of line applications

Oval gear mechanism for optimum accuracy

6 Digit non-resettable totaliser

Meter inlet/outlet threaded  
1/2" BSP (F)

Electronic display using one 3V lithium ion battery (CR2450)

Robust aluminium die cast construction with protective shroud on meter

Display can be rotated in every 90° orientation for ease of installation

Measures in litres, US gallons, quarts, pints, ounces & decilitres

Easy user re-calibration



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

ORDERING INFORMATION

CAT NR.	THREADS	BOX QTY.
OM/200/1-2/BSP	1/2" BSP (F)	1

SPECIFICATIONS

ACCURACY*	±0.50%
REPEATABILITY*	0.20%
MAX WORKING PRESSURE	1,000 PSI (70 BAR)
UNITS OF MEASURE	Litres or Quarts
MAX RESETTABLE TOTAL	99,999.9 Units
MAX NON-RESETTABLE TOTAL	9,99,999 Units
LEAST COUNT / RESOLUTION	Upto 0.001 Units
DISPLAY OUTPUT	User selectable for 0.1, 0.01, 0.001 units

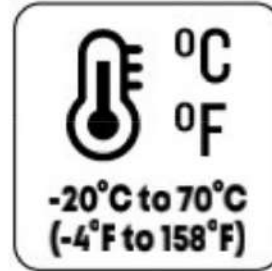
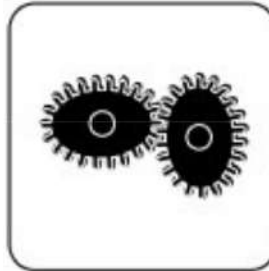
**Note:** Not to be used to measure media for resale  
\*Tested in laboratory conditions



163

## Mechanical Oil Control Gun

OGN-OM10



Super accuracy heavy duty gun for controlling fluid deliveries in most demanding applications

Oval gear mechanism

High Reliability Mechanical display

Aluminium Die cast meter & gun body

Built-in continuous flow switch can be activated for un-attended dispensing

Swivel at inlet for easy maneuverability. Strainer in the swivel keeps contaminants, dust, grit etc. away from entering the gun

Supplied complete with rigid steel extension and manual non drip nozzle

### WETTED COMPONENTS

Aluminum, Steel, Brass, Stainless Steel, NBR & Acetal

### RECOMMENDED USE

Oils with viscosity upto 2000 CST

### DO NOT USE WITH

Water based media, Gasoline etc

### SPECIFICATIONS

ACCURACY	±1%
REPEATABILITY	±0.20 %
MAX. RESETTABLE BATCH TOTAL	999.9 Litres or Quarts
MAX. NON RESETTABLE TOTALIZER	999999.9 Litres or Quarts (7 Digit)
LEAST COUNT /RESOLUTION	0.10 Litres or Quarts
INLET THREADED	1/2" BSPT (F) / 1/2" NPT (F)
IN-LINE SWIVEL	1/2" (F)
OUTLET DIAMETER OF STEEL SPOUT	1/2" (12.7 mm)
INSIDE DIAMETER OF HOSE EXTENSION	1/2"(12.7 mm)

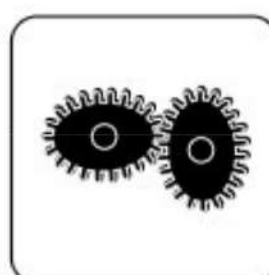
**Note:** Not to be used to measure media for resale

### ORDERING INFORMATION

CAT NR.	BOX QTY.
OM/10/OGN/RM/B	1







Super accuracy heavy duty gun for controlling fluid deliveries in most demanding applications

Oval gear mechanism

Electronic display using one 3V lithium ion battery with life upto 5 years

Aluminium die cast meter & gun body with protective shroud on meter

Built-in continuous flow switch can be activated for unattended dispensing

Built-in swivel at inlet for easy manoeuvrability

Strainer in the swivel prevents constmannts, dust, fgrit etc from entering the gun

Easy user re calibration

Supplied complete with rigid steel extension, with a manual non drip nozzle

### WETTED COMPONENTS

Aluminum, Acetal, Nitrile Rubber & Steel

### RECOMMENDED USE

Oils upto SAE 140, Diesel, Kerosene & Engine Coolants (RTU)

### DO NOT USE WITH

Water Based Media, Petrol etc.

### SPECIFICATIONS

ACCURACY	± 0.50%
REPEATABILITY	0.20%
PRESSURE LOSS	10 PSI (0.7 BAR)
MAX. RESETTABLE BATCH TOTALIZER	99,999.9 units
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 units
LEAST COUNT /RESOLUTION	0.001 units
DISPLAY OUTPUT	User selectable for 0.1, 0.01, 0.001 Units
INLET THREADED	1/2" BSPT (F)
WATER RESISTANCE	IP55

**Note:** Not to be used to measure media for resale

### ORDERING INFORMATION

CAT NR.	BOX QTY.
OM/200/OGN/RM/B	1

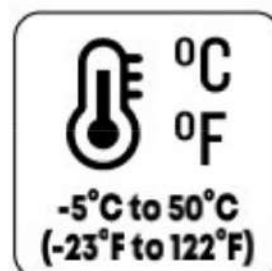
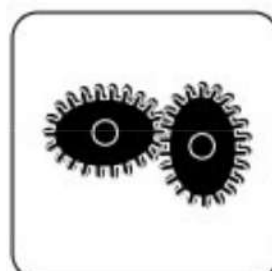




165

## Electronic Pre-Set Oil Control Gun

OM-300



Heavy duty oil control gun with robust aluminium construction

Electronic preset design; works on 4 x 1.5V AA batteries

Dual Mode: Manual & Pre-Set (dispenses set quantity of media & stops)

Oval gear mechanism for optimum accuracy

Adjustable outlet nozzle can be positioned for in-line or 90° dispensing

Resettable totalizer for individual batch can be set in litres, quarts, pints & gallons

A second resettable totalizer for multiple dispensing operations can be set in litres, quarts, pints & gallons with max. pre-set volume of 99.9 units

Lifetime non-resettable totalizer can be set in litres

Built-in swivel at Inlet fitted with strainer

Supplied complete with steel extension with built-in non drip tip

### WETTED COMPONENTS

Aluminium, Steel, Stainless Steel, Brass, Polyurethane, Acetic Resin, Hi Nitrile Rubber

### RECOMMENDED USE

Oils with viscosity in the range of 10 to 5000 cst, Diesel

### DO NOT USE WITH

Petrol, Windshield Fluids etc.



### SPECIFICATIONS

INLET	1/2" BSP (F)
ACCURACY	± 0.50%
REPEATABILITY	± 0.20%
MINIMUM PRE SET QTY.	0.10 Units
MAXIMUM PRE SET QTY.	99.9 Units
MAX. RESETTABLE BATCH TOTALIZER	999.9 Units
MAX. NON RESETTABLE BATCH TOTALIZER	999999 Units
VISCOSITY OF MEDIA DISPENSED	10 to 5000 cst
RESOLUTION / LEAST COUNT	0.005 litre
WATER RESISTANCE	IP55

**Note:** Not to be used to measure media for resale

### ORDERING INFORMATION

CAT NR.	BOX QTY.
OM/300/PS/RA/BSP	1



166

Oil Control Guns

OGN



Heavy duty gun for controlling fluid deliveries in most demanding applications

Aluminium die cast construction

Built-in continuous flow switch can be activated for unattended dispensing

Swivel at inlet for easy manoeuvrability. Strainer in the swivel keeps contaminants, dust, grit etc. from entering the gun

#### WETTED COMPONENTS

Aluminum, Steel, Brass & NBR

#### RECOMMENDED USE

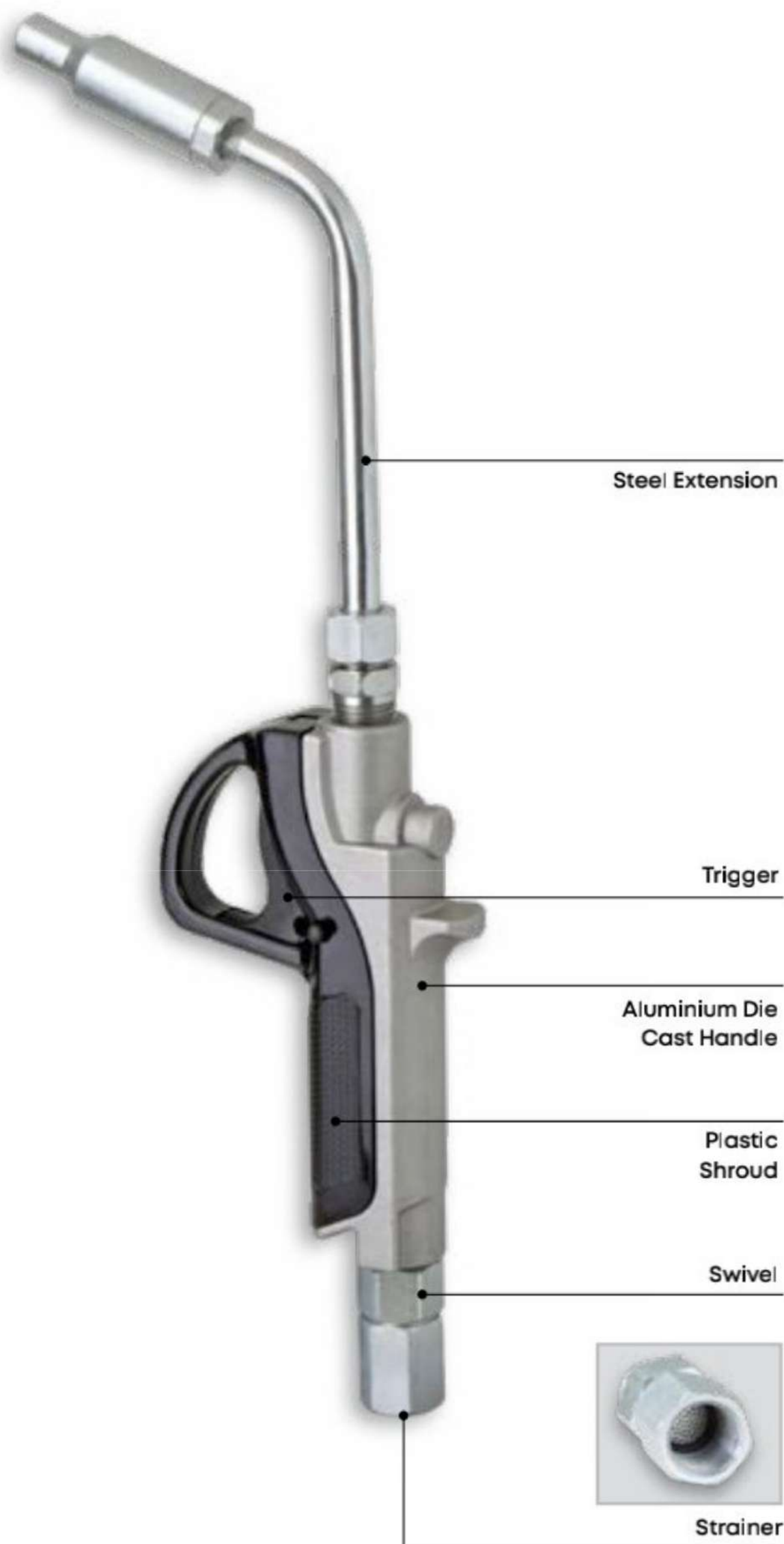
Oils with viscosity upto SAE 140

#### DO NOT USE WITH

Water based media, Petrol etc.

#### VARIANTS

OGN/SA/1-2R/B	OGN/SM/1-2R/B
	
With Steel Extension & Automatic Non Drip Nozzle	With Steel Extension & Manual Non Drip Nozzle



#### ORDERING INFORMATION

CAT NR.	BOX QTY.
OGN/SA/1-2R/B	1
OGN/SM/1-2R/B	1

#### SPECIFICATIONS

INLET THREADS	1/2" BSPT (F) / 1/2" NPT (F)
IN-LINE SWIVEL	Included
OUTLET DIAMETER OF STEEL SPOUT	1/2" (12.7 mm)
INSIDE DIAMETER OF HOSE EXTENSION	1/2" (12.7 mm)



167

## Transfer Gun

SG-20

**Dual action transfer gun:** draws in & pumps out liquids in a single stroke

Easy & safe answer to fluid transfer, especially useful in transferring media unsafe for body contact

Gun body is non-denting & is made from heavy aluminum section. Suction head & piston have an aluminum construction & use viton piston rings

The gun comes complete with 8' of vinyl hose (4' with each valve)

### WETTED COMPONENTS

Aluminum, Brass, Viton, PVC

### RECOMMENDED USE

Fuel Oils, Mineral Oils, Synthetic & Biological Oils, Petrol, Coolants, Water, Spirits & Brake Fluids

### ORDERING INFORMATION

CAT NR.	CAPACITY	BOX QTY.
	(ML)	
SG/20	350	20



Complete with 8' of Vinyl Hose (4' with each valve)

168

## Oil Cans V Series

Tin coated steel body in premium powder coated finish

Steel pump with double ball check

Useful for convenient dispensing of oil

Complete with 150 mm (6") rigid steel spout



### ORDERING INFORMATION

CAT NR.	CAPACITY	BOX QTY.
	(ML)	
V200R	200	72
V300R	300	72
V500R	500	72

169

## Hydraulic Oil Hoses

Hydraulic Rubber Hoses for use with Air Operated Oil Pumps

Hose exceeds SAE 100 R1 specification

Working Pressure 2,200 PSI (150 BAR)

Inner Dia: 1/2"  
Outer Dia: 7/8"

Hydraulically crimped with steel fittings with 1/2" (M) threads on both ends



### ORDERING INFORMATION

CAT NR.	LENGTH	THREADS	BOX QTY.
	(M)		
HH/1.5/1-2M/BSP	1.5	1/2" BSP (M)	1
HH/2.5/1-2M/BSP	2.5	1/2" BSP (M)	1
HH/1.5/1-2M/3-8M/BSP	1.5	1/2" BSP (M) x 3/8" BSP (M)	1



## 170 Flexible Spout Measures

MSR

High density translucent polyethylene construction

Used for transferring measured quantity of fluid

Supplied complete with polyethylene flexible spout with cap and polypropylene lid

Not to be used for measuring media for sale



### ORDERING INFORMATION

CAT NR.	CAPACITY	BOX QTY.
	(LITRES)	
MSR/P/F-1	1	40
MSR/P/F-2	2	25
MSR/P/F-3	3	20
MSR/P/F-5	5	15
MSR/P/F-6	6	12
MSR/P/F-8	8	12

## 171 Smart Funnels

FNL-8

FNL-9B

High density translucent polypropylene construction

Designed with special contours in the funnel body for easy handling

Anti-splash & spill proof, with curved rim

Complete with wire mesh screen, dust cover & flexible spout

### Available in 2 sizes

- Funnel only
- Funnel with bung attachment for direct mounting on drums with 2" opening



Direct mounting on drums with 2" opening

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	CAPACITY	BOX QTY.
		(LITRES)	
FNL/8	Funnel only	1.7	15
FNL/9B	Funnel with bung	3	15

**FNL/8**  
Capacity 1.7 litres  
Dia 8" (250mm)

**FNL/9B**  
Capacity 3.0 litres  
Dia 9-1/2" (240mm)



**172**

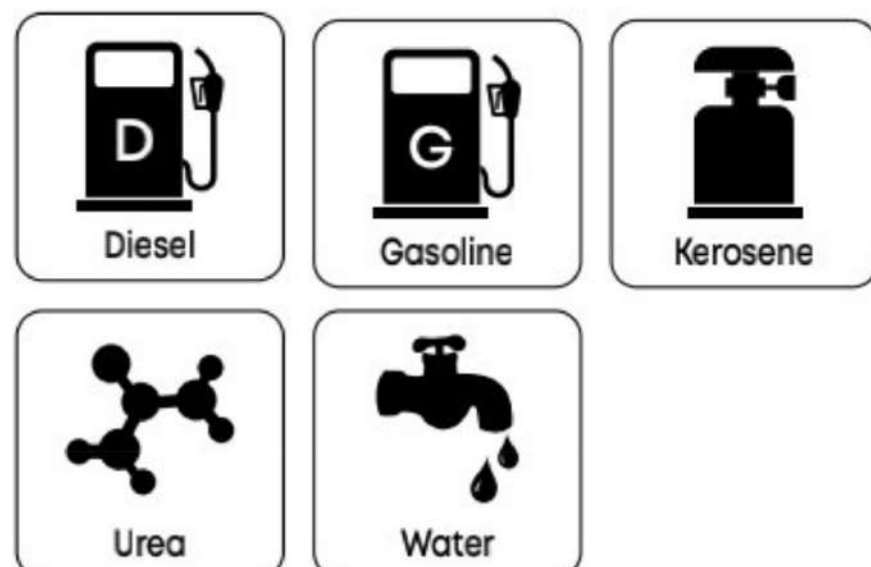
## Fuel & Oil Funnels

**FNL-11**

High flow fuel & oil funnel with extra large mouth for easy pouring

Heavy Duty polyethylene construction for outdoor use over varying temperature conditions

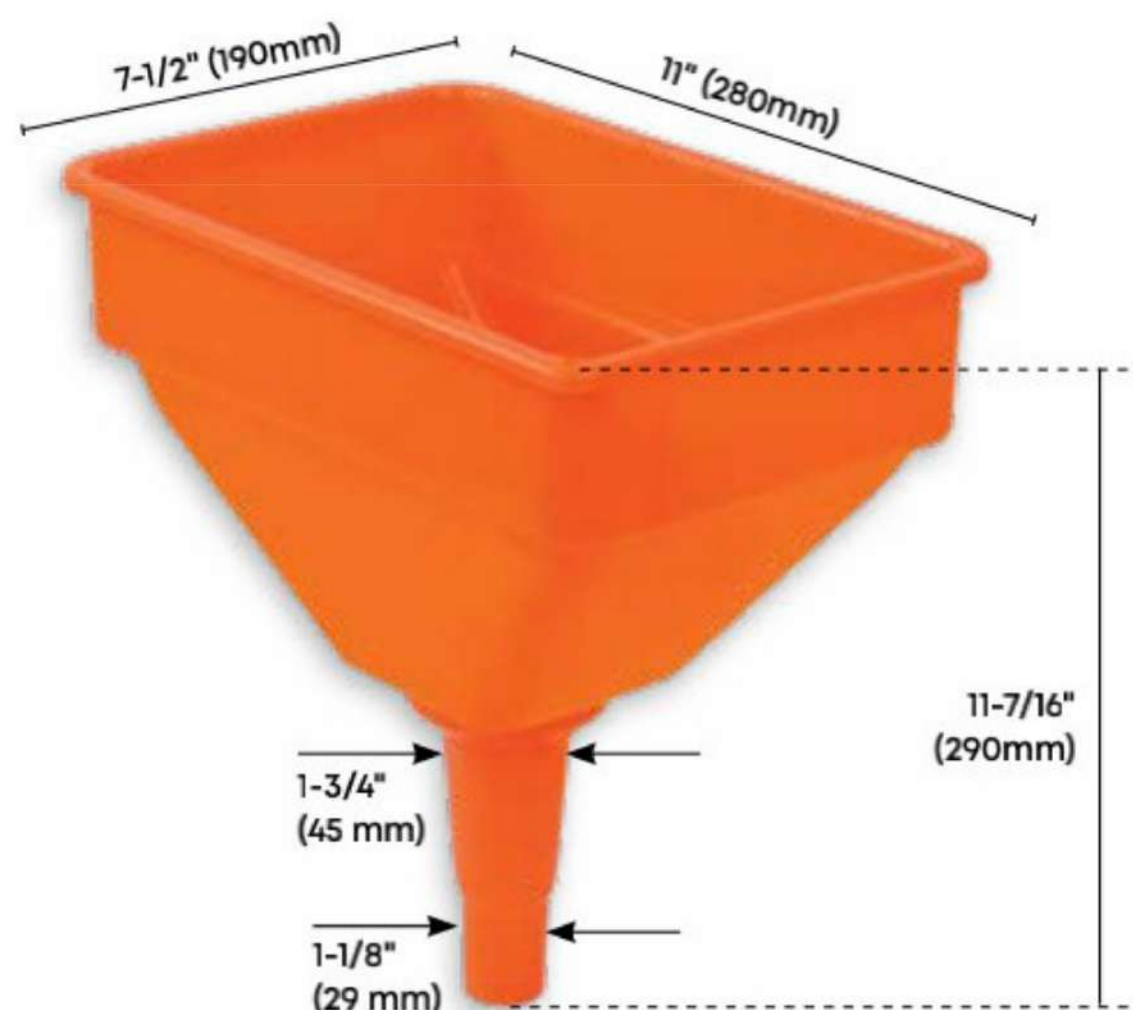
### FLUIDS



### ORDERING INFORMATION

CAT NR.	CAPACITY (LITRE)	BOX QTY.
FNL/11F	4.7	15

Filter Screen



**173**

## Conical Funnels

**FNL-6**

**FNL-7**

Polyethylene funnels designed for use with virtually any media. Will never corrode or rust

### WETTED COMPONENTS

Polyethylene

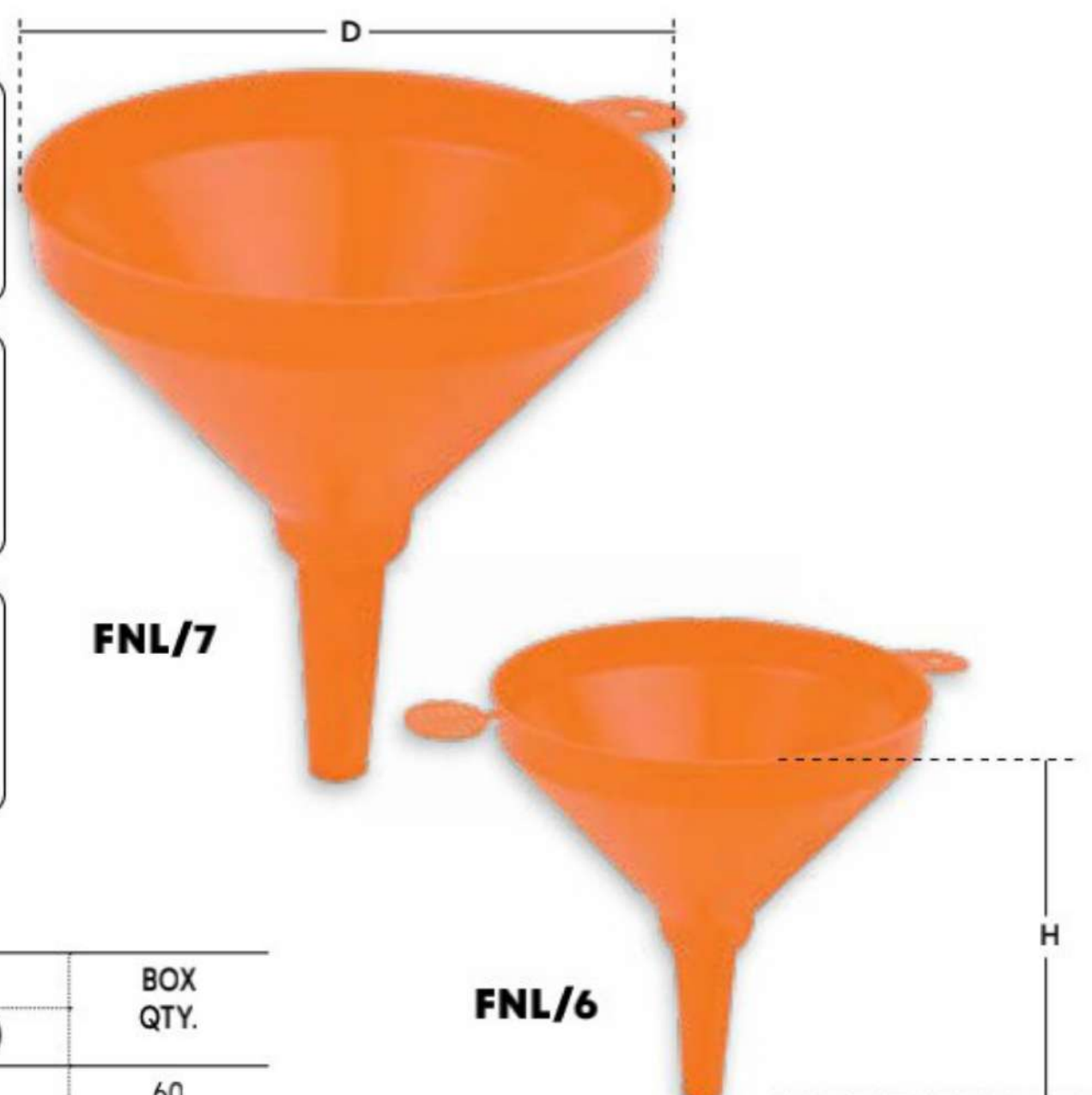
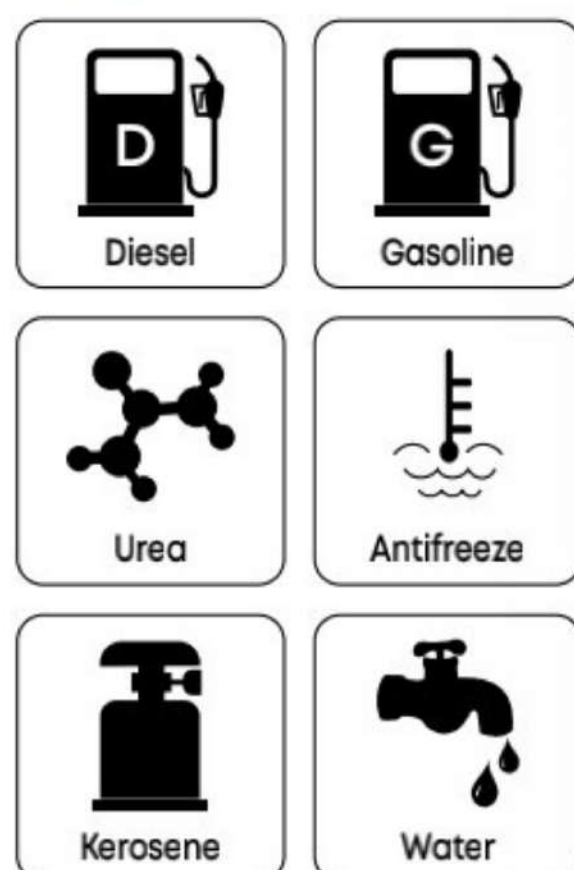
### RECOMMENDED USE

Diesel, Gasoline, Kerosene, Urea, Oils, Antifreeze & Other Water based media

### DO NOT USE WITH

Acids & other media at temperatures above 60°C

### FLUIDS



### ORDERING INFORMATION

CAT NR.	CAPACITY (LITRES)	HEIGHT (H)		DIAMETER (D)		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	
FNL/6	0.65	6	153	5-3/4	146	60
FNL/7	1.80	8-11/32	214	8-11/32	212	40



All metal hose reels

Ribbed steel design prevents bending & flexing. Rolled edges for added strength & stability

Compact design allows these to be used in confined spaces with ease

### Cassette Spring Design

Drive springs are manufactured from highest quality spring steel that ensures long life. Precise manufacturing guarantees a superior quality edge

Fully enclosed cassetted design makes the spring resistant to corrosion caused by water & dirt, guaranteeing longer life & trouble free operation. Convenient & safe maintenance

### Heavy Duty Dual Ratchet

Reduces stress on spring providing smooth & balanced operation during hose extension & retraction. Ratchet teeth can lock hose in multiple usable positions

### Multiple Position Guide Arm

Guide arms can be adjusted at 45° intervals for floor, wall or truck mounting with a convenient mounting angle for hose to be released at optimum position

### Reels are available With

- Dual Guide Arm:** Medium & high pressure applications involving grease & oils. Dual guide arm design is structurally reinforced strengthened with metal ribs that prevent flexing and bending due to hose pull
- Single Guide Arm:** For low pressure applications involving air and water

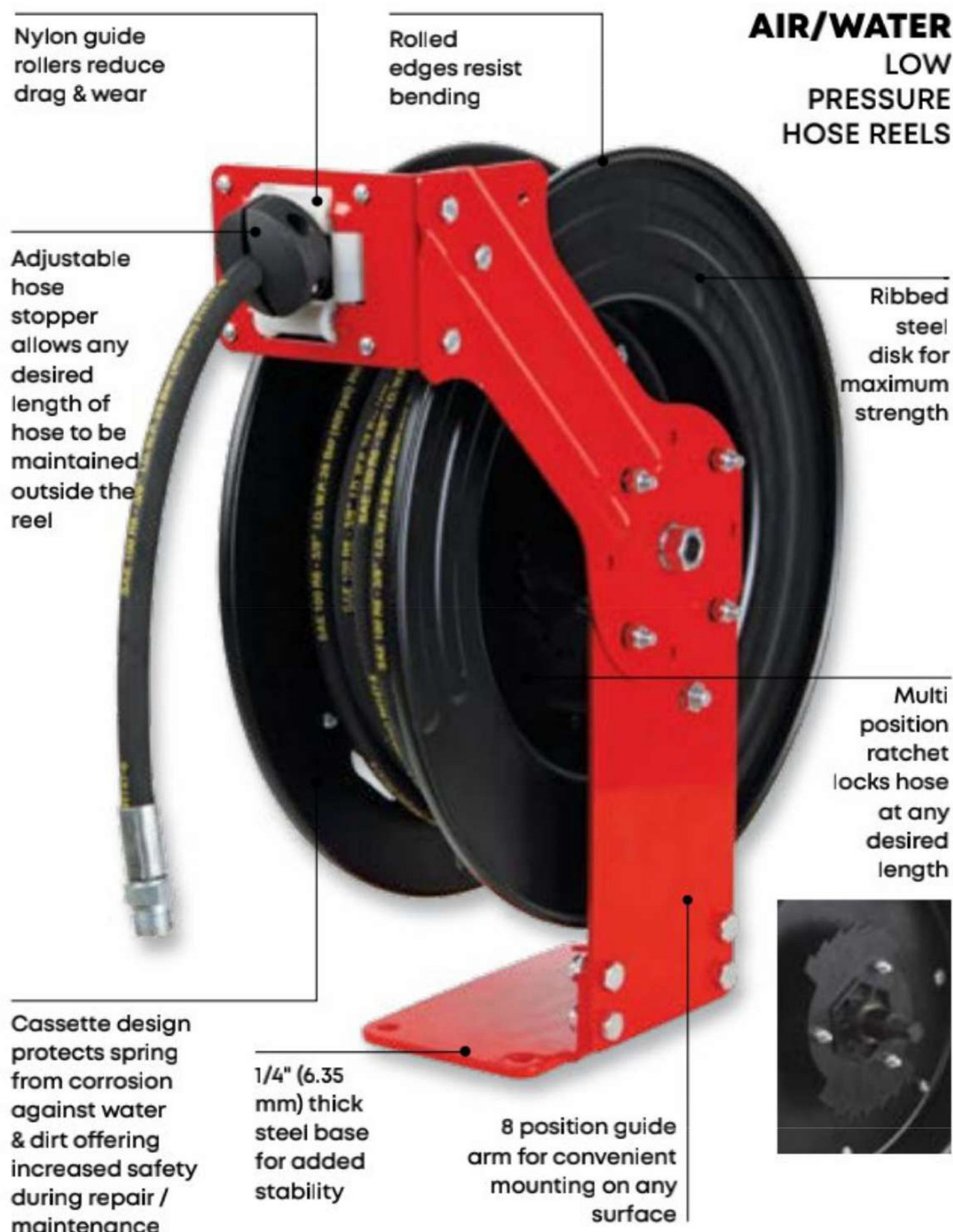
Adjustable roller guide arm with removable nylon guide rollers reduces drag & wear

Inlet swivel reduces torque load on power spring for smoother hose movement & durability

1/4" (6.35 mm) thick steel base with easy mounting eyelet hole

All components are powder coated after cleaning, degreasing & iron phosphate penetrating ensuring a long lasting, durable & attractive finish

Hose Reel accessories for floor mounting & angular mounting on walls are also available



### MOUNTING BRACKET OPTIONS

SWV/HR/360	SWV/HR/140
Floor Mounting Bracket (available as spare)	Wall Mounting Bracket (available as spare)



HR-AW

HR-OL

HR-GR

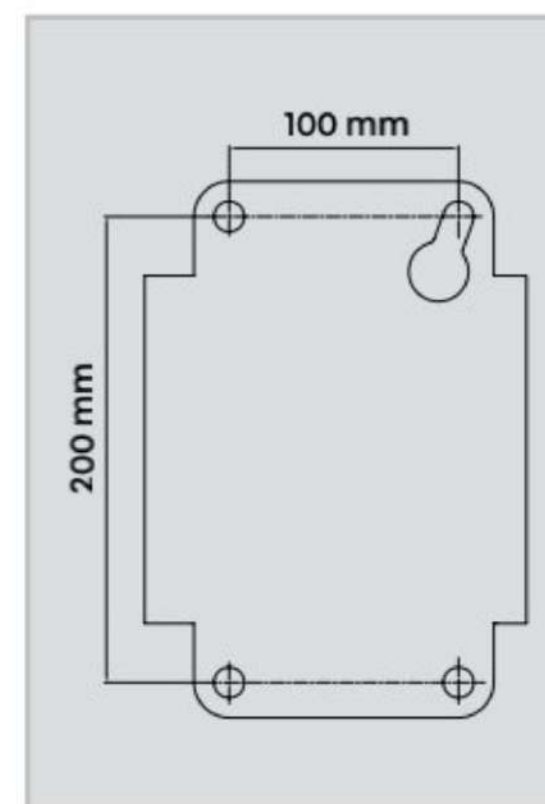
**OIL**  
MEDIUM  
PRESSURE  
HOSE REELS



**GREASE**  
HIGH  
PRESSURE  
HOSE REELS



Hose Reel  
Bolt Pattern



**ORDERING INFORMATION**

CAT NR.	MAX. PRESSURE	INLET/ OUTLET THREADS	HOSE ID		HOSE OD		HOSE LENGTH	BOX QTY.
		(INCH)	(INCH)	(MM)	(INCH)	(MM)	(M)	
AIR/WATER - LOW PRESSURE HOSE REELS								
HR/AW/10M/3-8/B	300 PSI	3/8	3/8	9.5	5/8	15.9	10	1
HR/AW/15M/3-8/B	300 PSI	3/8	3/8	9.5	5/8	15.9	15	1
HR/AW/10M/1-2/B	300 PSI	1/2	1/2	12.7	3/4	19	10	1
HR/AW/15M/1-2/B	300 PSI	1/2	1/2	12.7	3/4	19	15	1
OIL - MEDIUM PRESSURE HOSE REELS								
HR/OL/10M/3-8/B	2,000 PSI	3/8	3/8	9.5	23/32	18.1	10	1
HR/OL/15M/3-8/B	2,000 PSI	3/8	3/8	9.5	23/32	18.1	15	1
HR/OL/10M/1-2/B	2,000 PSI	1/2	1/2	12.7	7/8	21.5	10	1
HR/OL/15M/1-2/B	2,000 PSI	1/2	1/2	12.7	7/8	21.5	15	1
GREASE - HIGH PRESSURE HOSE REELS								
HR/GR/10M/1-4/B	5,800 PSI	1/4	1/4	6.35	5/8	15.9	10	1
HR/GR/15M/1-4/B	5,800 PSI	1/4	1/4	6.35	5/8	15.9	15	1
HR/GR/10M/3-8/B	4,000 PSI	3/8	3/8	9.5	3/4	19	10	1
HR/GR/15M/3-8/B	4,000 PSI	3/8	3/8	9.5	3/4	19	15	1



175

## Air / Water Hose Reel

HRP-AW

**NEW!**

Safe storage system that keeps hoses off the floor, reducing wear and tear of costly hose, prevents accidents and keeps workplace CLUTTER FREE

### Compact & Fully Enclosed Design

- Fully enclosed design protects the inner spring from water & dirt
- Compact size allows these to be used in confined spaces with ease
- The Top cover discreetly hides the handle yet makes it easily accessible
- Drive spring – superior choice of material, control hardness, moment of force makes these durable and long lasting

### Auto Roll-Up

Equipped with slow rewinding mechanism ensuring no injury to the user.

Hose can be locked at any desired position

### 180° Swivel Wall Bracket

Easily fix the bracket on the wall using screws

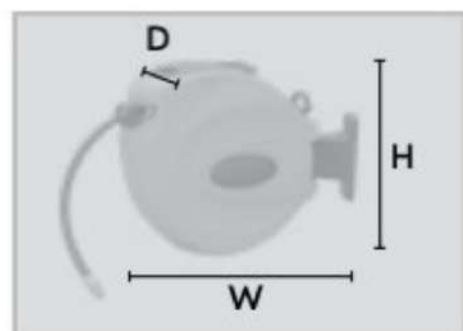
Hose reel can swivel 180° on the bracket and can be adjusted in the desired angle

User can change the hose easily as per its needs/application



### SPECIFICATION

CASE MATERIAL	Polypropylene
HOSE LENGTH	15 meter (50 ft.)
HOSE MATERIAL	Hybrid ( Nitrile + PVC )
HOSE I.D.	3/8" (10 mm)
THREAD SIZE	1/4" BSPT
WORKING PRESSURE	15 Bar (217 PSI)
BURST PRESSURE	40 Bar (580 PSI)
OPERATING TEMPERATURE	-5°C to 45°C (23°F to 113°F)



### ORDERING INFORMATION

CAT NR.	SIZE (W×D×H)		BOX QTY.
	(INCH)	(MM)	
HRP/AW/15M/3-8/B	14-7/8 × 7-1/4 × 13-1/4	378 × 185 × 335	1







Electric Waste Oil Pump

EWOP

Electric Pump for waste oil evacuation

Flexible impeller design enables pumping high viscosity fluids at high flow rate

Motor with thermal overload protection to prevent over heating

Self priming ZAMAC body can handle a wide variety of fluids

Suction and Discharge Ports

Dual threads:  
3/8" NPT thread (F) and  
3/4"-11.5 NH(M)

Ideal for pumping used engine oil, transmission oil, hydraulic oil etc.

Available in the following options

- a. 220V, 50Hz AC
- b. 12V DC

Duty Cycle

45 min ON / 45 min OFF

WETTED COMPONENTS

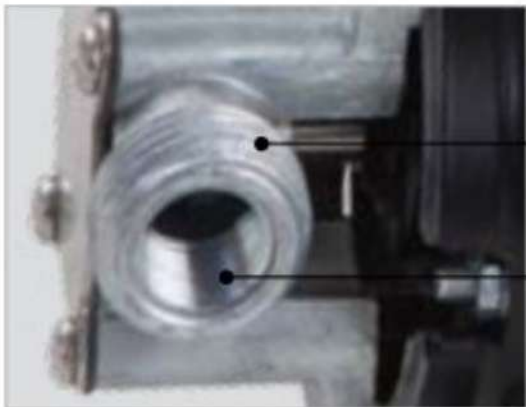
ZAMAC, Stainless Steel, Nitrile Rubber, Neoprene

RECOMMENDED USE

Used Oil, Engine Oil, Transmission Oil, Hydraulic Oil, Water, Ethylene Glycol

DO NOT USE WITH

Gasoline, any flammable media



3/4" Garden  
Hose Thread (M)

3/8" NPT  
Thread (F)

VARIANTS

	EWOP/220/EU	EWOP/12
FLOW RATE	23 LPM (6 GPM)	17 LPM (4.5 GPM)
MAX. PRESSURE*	18 PSI (1.25 BAR)	18 PSI (1.25 BAR)
SUCTION LIFT (DRY/WET)	6' (182 cm) / 8' (243 cm)	6' (182 cm) / 8' (243 cm)
DISCHARGE HEAD (WATER)	40' (12.2m)	40' (12.2m)
MAX. VISCOSITY	2000 SSU (SAE 30)	2000 SSU (SAE 30)
POWER CABLE LENGTH	6' (182 cm)	N/A

\*As pressure increases the flow rate will decrease

ORDERING INFORMATION

CAT NR.	ORD NR.	INPUT POWER	BOX QTY.
EWOP/220/EU	45851	220V, 50HZ AC	4
EWOP/12	45852	12V DC	4



178

## Waste Oil Drain Pressurized

WOD-68

Designed for excellent mobility & simple to use pressurized evacuation - gravity draining of motor, engine, gearbox & differential oils

Durable all steel construction

Reinforced castors

Centrally mounted

10 litre capacity bowl is height adjustable & can be optimally positioned allowing oil draining as well as other maintenance operations

68 litre tank includes a preset air regulator that allows the use of standard compressed air upto 150 PSI (10 BAR)

Tank is equipped with safety valve and a reinforced dispensing hose that doubles as a sight gauge to prevent overfilling

Complete with a 14" (355 mm) telescopic bowl that can be adjusted from 45" (1143 mm) to 72" (1828 mm)

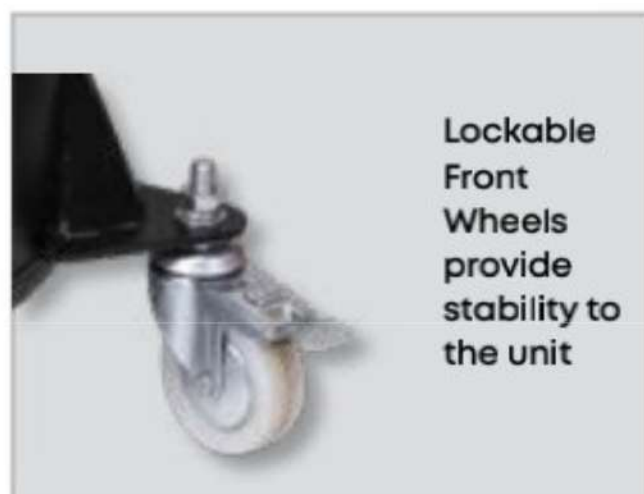
Bowl fitted with Anti-Splash Screen



Dispensing Hose doubles as a sight gauge to prevent over filling



Lockable Front Wheels provide stability to the unit



### WARNING

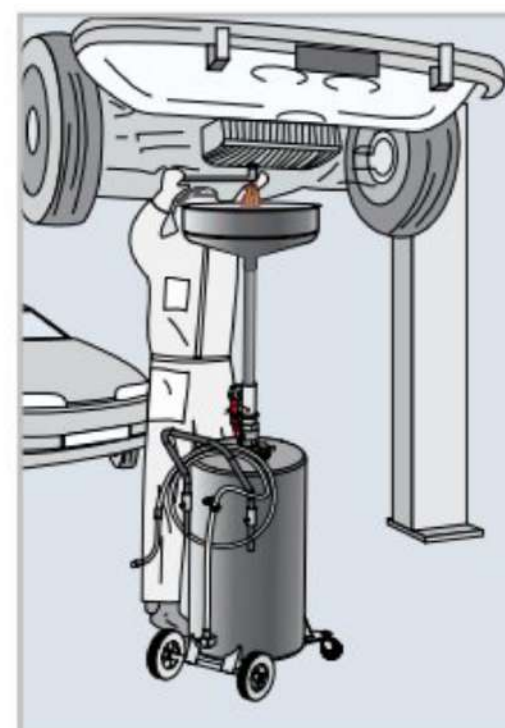
Do not use with fuels and corrosive media

### SPECIFICATIONS

TANK CAPACITY	68 Litres
MAX. COLLECTION CAPACITY	55 Litres
BOWL CAPACITY	10 Litres
BOWL INNER DIAMETER	14" (355 mm)
LENGTH OF DRAINING HOSE	2m
MAXIMUM HEIGHT	72" (1828 mm)
MINIMUM HEIGHT	45" (1143 mm)
RECOMMENDED DRAINING PRESSURE	8 PSI (0.5 BAR)

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
WOD/68A	Waste oil drain with anti splash screen	1



Used Oil being drained from vehicle in an automotive workshop



**179**

## Heavy Duty Steel Truck Drain

**TD-68**
**TD-90**

Low height steel truck drain, designed for use with heavy duty commercial vehicles, buses & other low profile automobiles

Removable anti splash tray reduces splash & prevents particles larger than 0.20" (5 mm) dia. to enter into the tank

Suited to collect waste fluids - motor oils, transmission fluids, coolants etc.

Comes with 3" x 1" rubber wheels & front swivel castor for easy movement

### Available in 2 sizes

- 68 litre capacity
- 90 litre capacity

### Both sizes available in 2 Versions

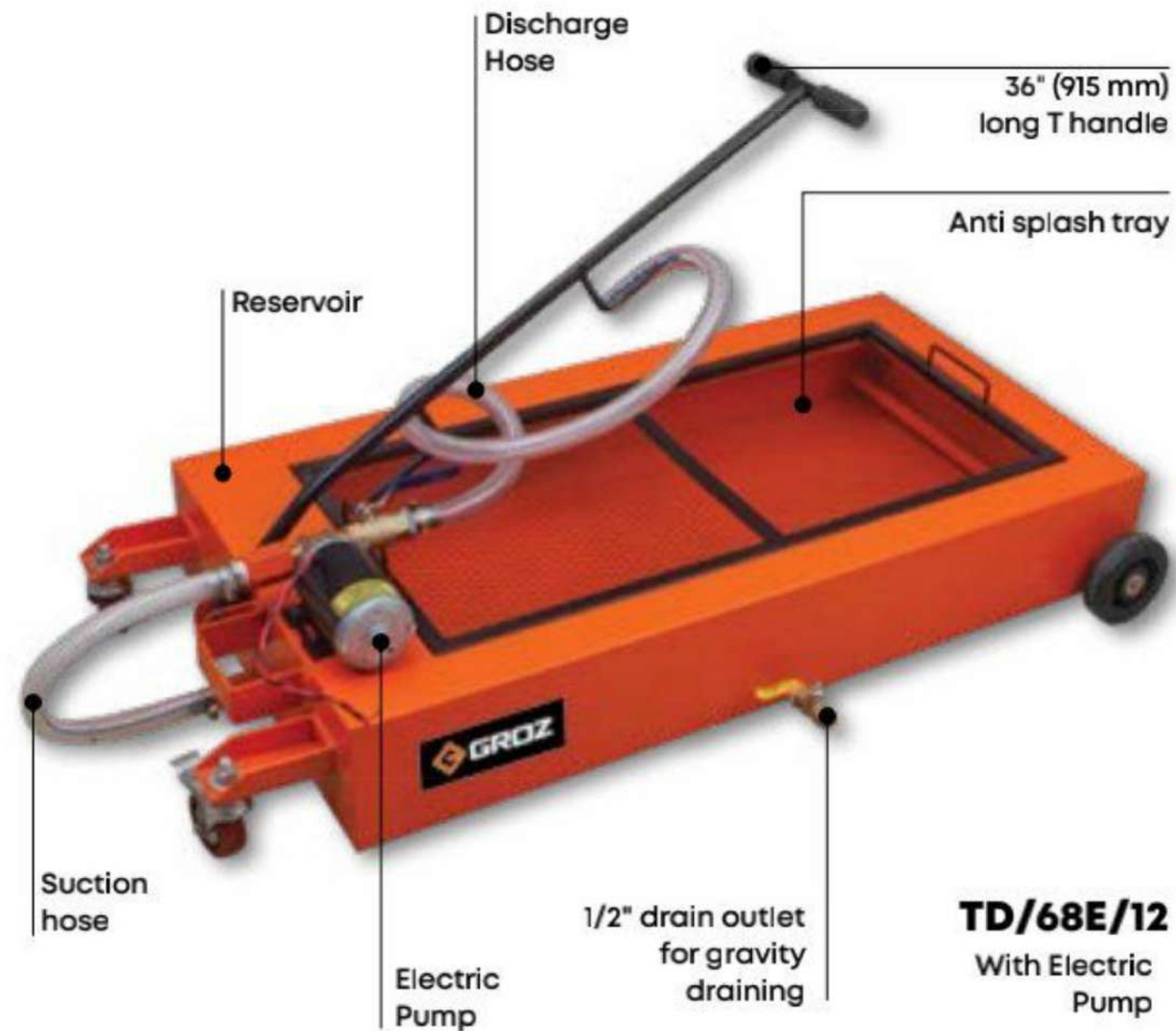
- Gravity Oil Drain**
- Oil Drain with Manual Rotary Pump**  
Manual rotary pump offers a discharge of upto 1 litre / 5 turns
- Oil Drain with Electric Pump**
  - Flexible Impeller design electric pump enables it to pump high viscosity fluid at high flow rate
  - Duty cycle: 45 min On / 45 min Off
  - UL approved motor
  - Motor has thermal overload protection to prevent over heating

### WETTED COMPONENTS

Steel, PVC, ZAMAC\*, Stainless Steel, NBR\*\*

\* Only in Truck Drain with Electric Pump Model

\*\* Only in Truck Drain with Manual Pump & Electric Pump Models



**TD/68E/12**  
With Electric Pump



**TD/68G**  
Gravity Oil Drain



**TD/68P**  
With Manual Rotary Pump

### ORDERING INFORMATION

CAT NR.	RESERVOIR CAPACITY	LENGTH		WIDTH		HEIGHT		PUMP FLOW RATE	COLOUR	BOX QTY.
	(LITRES)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)			
GRAVITY OIL DRAIN										
TD/68G	68	41.92	1065	22	560	7-1/2	190	—	Orange	1
TD/90G/BF/BL	90	47.8	1215	29.5	750	8.3	212	—	Black	1
OIL DRAIN WITH MANUAL ROTARY PUMP										
TD/68P	68	41.92	1065	22	560	7-1/2	190	Upto 1 litre / 5 turns	Orange	1
TD/90P/BF/BL	90	47.8	1215	29.5	750	8.3	212		Black	1
OIL DRAIN WITH 220 V 50 HZ AC PUMP										
TD/68E/220/EU	68	41.92	1065	22	560	7-1/2	190	Upto 23 LPM	Orange	1
TD/90E/220/EU	90	47.8	1215	29.5	750	8.3	212		Orange	1
OIL DRAIN 12 V DC PUMP										
TD/68E/12	68	41.92	1065	22	560	7-1/2	190	Upto 17 LPM	Orange	1
TD/90E/12	90	47.8	1215	29.5	750	8.3	212		Orange	1



180

## Truck Drain

TD-17

Truck drains eliminate the need to lift vehicles for changing oil or coolant

With a capacity of 65 litres & total height 7-3/4" (195mm) the reservoir is moulded from lightweight yet robust high impact polyethylene

Removable anti-splash screen prevents solid particles/debris of over 0.15" (3.8 mm) dia. from entering tank

Recessed pocket at each corner provides storage space for drain plugs & filters

Baffles inside the reservoir prevents any oil spillage during transport

Hose hanger for safe keeping the hose when not in use

4" (100 mm) nylon castors gives better manoeuvrability

Designed for use with heavy-duty trucks, buses, RV's & other low profile automobiles



**TD/17E/12**  
With Electric Pump

### Available in 3 Versions:

1. Gravity Oil Drain
2. Oil Drain with Manual Rotary Pump
3. Oil Drain with Electric Oil Pump:
  - Flexible Impeller design electric pump enables it to pump high viscosity fluid at high flow rate
  - Duty cycle: 45 On/45 min Off
  - UL approved motor
  - Motor has thermal overload protection to prevent over heating

### WETTED COMPONENTS

Polyethylene, PVC, Steel, Cast Iron\*, ZAMAC\*\*, SS\*\*, NBR\*\*\*

\* (Only for TD/17/P)

\*\* (Only in TD/ 17/E)

\*\*\* ( Only in TD/17P & TD/17E)

### RECOMMENDED USE

Lubricating Oil (upto SAE 90), Non Corrosive Media, Waste Fluids including Motor Oil etc.

### FLUIDS



**TD/17G**  
Gravity Oil Drain



**TD/17P**  
With Manual Rotary Pump

### ORDERING INFORMATION

CAT. NR.	DESCRIPTION	PUMP FLOW RATE	BOX QTY.
TD/17G	Gravity Oil Drain	-	1
TD/17P	Oil Drain with manual rotary pump	Upto 1 litre / 5 turns	1
◆ TD/17E/220/EU	Oil Drain with 220V Electric Oil Pump	Upto 23 LPM	1
◆ TD/17E/12	Oil Drain with 12V Electric Oil Pump	Upto 17 LPM	1

◆ New



SCAN TO WATCH



181

Drain Pan

ODP-16

High Density Polyethylene Construction

Chemical / Solvent Resistant

Designed to ship in nested form

**Approximate Size**  
23.22" × 18.43" × 5.78"  
(590 mm x 468 mm × 147 mm)



Designed to ship in nested form

VARIANTS

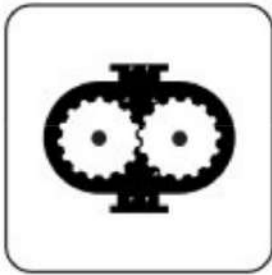
ODP/16	ODP/16/GN
	
RECOMMENDED USE Waste Oil	RECOMMENDED USE Antifreeze

ORDERING INFORMATION

CAT NR.	CAPACITY (LITRE)	COLOUR	RECOMMENDED USE	BOX QTY.
ODP/16	16	Black	Waste Oil	15
ODP/16/GN	16	Green	Antifreeze	15







\*Measured at pump outlet with vehicle engine switched on



Heavy duty industrial grade fuel pumps designed for heavy duty use in agriculture, construction, automotive & industrial applications

Rain & weather proof for tough outdoor use

Lightweight, yet strong non corroding aluminum die cast construction

Geared pump design using precision sintered metal gears

Geared construction makes the pump tolerant to contaminants in fuel, in addition to offering tremendous suction & minimal noise

UL & cUL listed motor

**Duty Cycle:** 30 minutes on / 30 minutes off

Select models available with meter & filter

## WETTED COMPONENTS

Aluminium, Steel, Cast Iron, Nylon, NBR, Zinc, Viton, Stainless Steel.

## RECOMMENDED USE

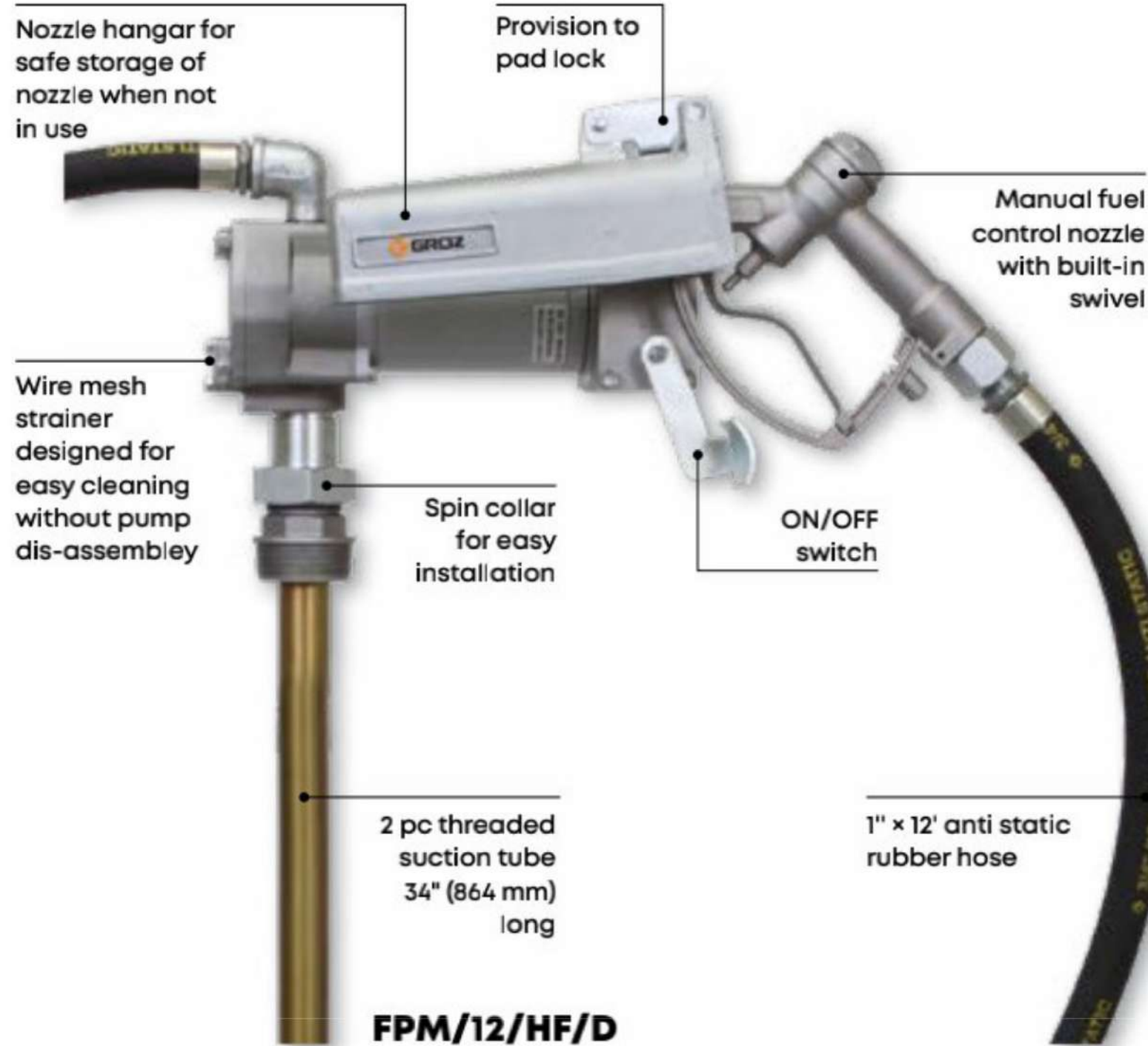
Petrol, Diesel, E-15 Fuel, Kerosene, Bio Diesel

## FLUIDS



## SPECIFICATIONS

DESCRIPTION	Heavy Duty 12V DC
EXPLOSION PROOF MOTOR	1/7 HP 12V DC
AMP	30 Amp
INTERNAL BYPASS VALVE	Yes
SUCTION PIPE	Steel
HOSE	1" x 12' anti static hose
TANK ADAPTER	2" threaded
INLET	1" NPT
OUTLET	1" NPT
DISPENSING NOZZLE	1" Manual with swivel
BATTERY CABLE (2 WIRES)	15'



**FPM/12/HF/D**



**FPM/12/HF/FMT/D**

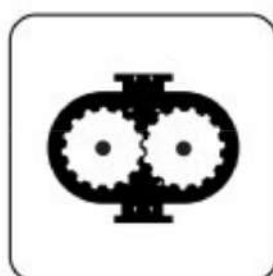
## ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
FPM/12/HF/D	12V DC fuel pump complete with suction tube, bung nut, power cable, discharge hose & manual nozzle	1
FPM/12/HF/FMT/D	FPM/12/HF/D pump system along with mechanical fuel meter & fuel filter	1
SPARE PARTS & KITS		
ZSA/HOS/FPM/12/HF	Replacement Fuel Hose (Anti Static)	1



# 183

## Heavy Duty Electric Fuel Pumps Explosion Proof



Heavy duty industrial grade fuel pumps designed for everyday use in agriculture, construction, automotive & industrial applications

Rain & weather proof for tough outdoor use

Lightweight, yet strong non corroding aluminum die cast construction

Geared pump design using precision sintered metal gears

Geared construction makes the pump tolerant to contaminants in fuel, in addition to offering tremendous suction & minimal noise

UL & cUL listed motor

Duty Cycle: 30 minutes on / 30 minutes off

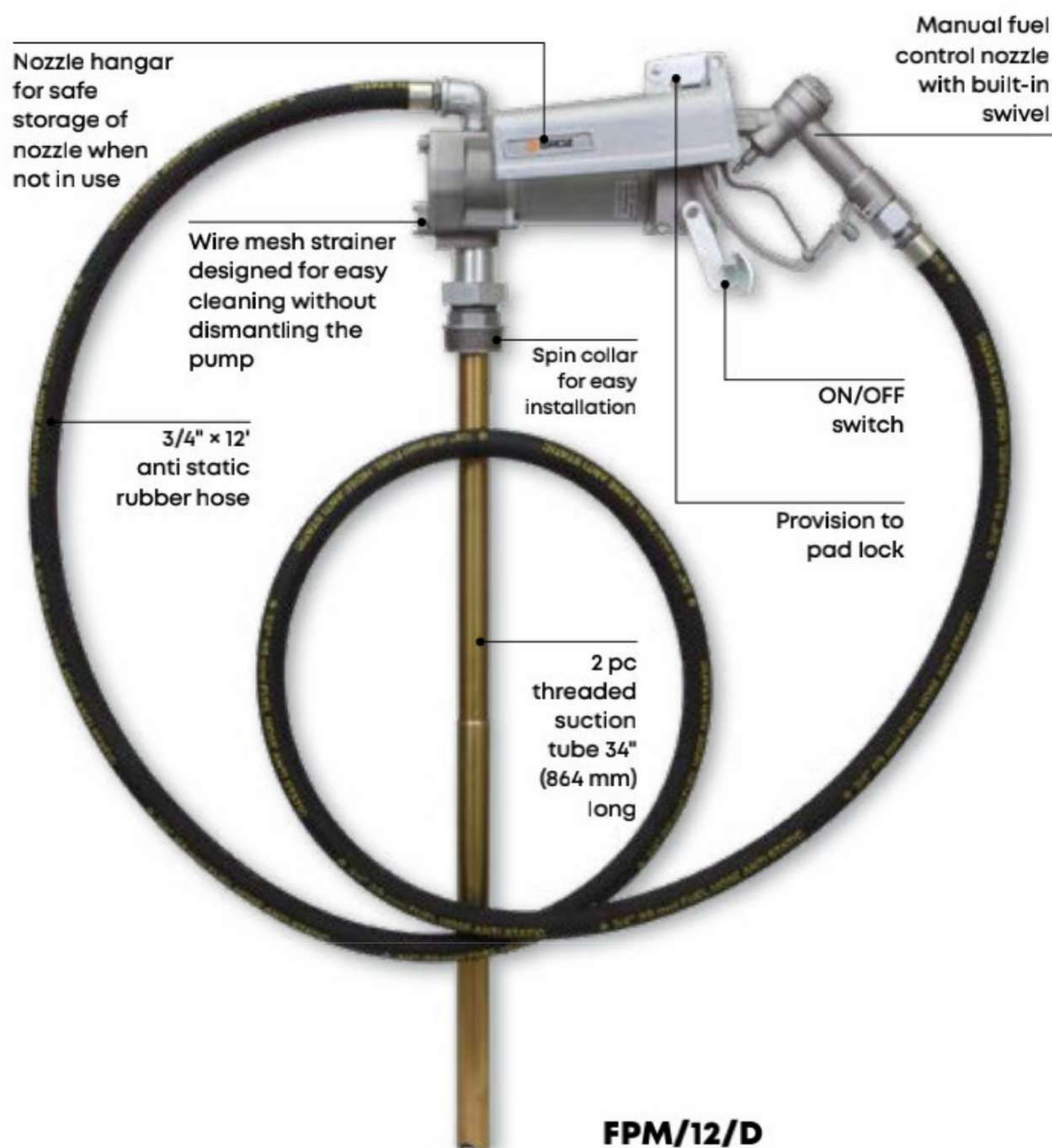
Select models available with meter & filter

### WETTED COMPONENTS

Aluminium, Steel, Cast Iron, Nylon, NBR Zinc, Viton, Steel Stainless

### RECOMMENDED USE

Petrol , Diesel, E-15 Fuel, Kerosene, Bio Diesel



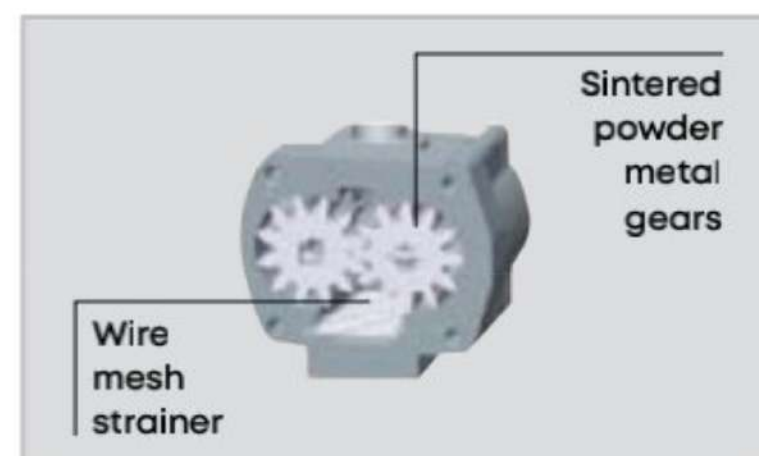
**FPM/12/D**

### SPECIFICATIONS

	FPM-12	FPM-24
DESCRIPTION	Heavy Duty 12V DC	Heavy Duty 24V DC
FLOW RATE (AT PUMP OUTLET)	Upto 57 LPM*	Upto 57 LPM*
EXPLOSION PROOF MOTOR	1/7 HP 12V DC	1/7 HP 24V DC
AMP	25 Amp	11 Amp
INTERNAL BYPASS VALVE	Yes	Yes
SUCTION PIPE	Steel	Steel
HOSE	3/4" x 12' anti static hose	3/4" x 12' anti static hose
TANK ADAPTER	2" Threaded	2" Threaded
INLET	1" NPT	1" NPT
OUTLET	3/4" NPT	3/4" NPT
DISPENSING NOZZLE	3/4" manual with swivel	3/4" manual with swivel
BATTERY CABLE (2 WIRE)	15'	15'

\* Measured at pump outlet with vehicle engine switched on

### PUMP INTERNALS

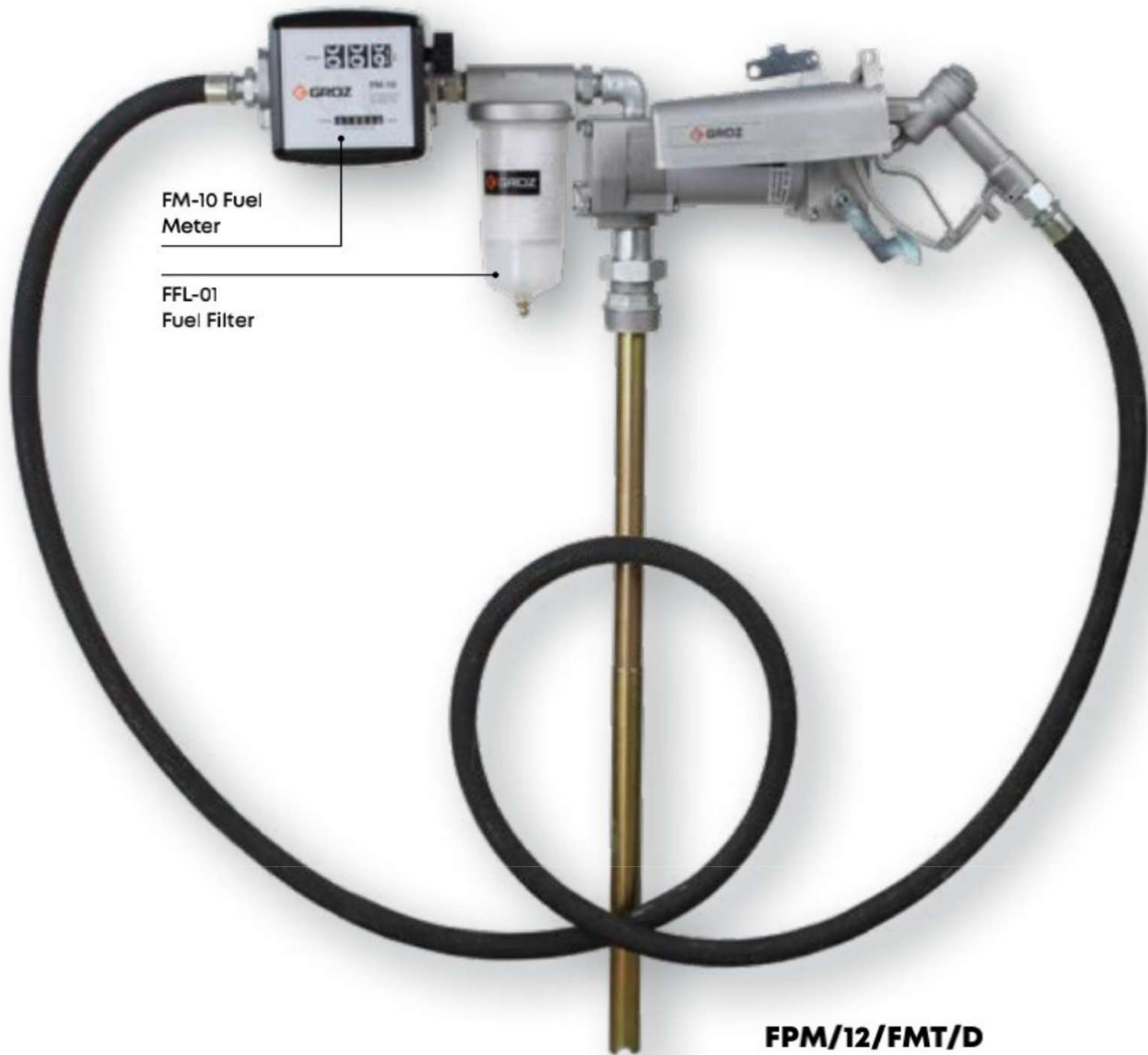


### DRUM MOUNTING





FPM



FPM/12/FMT/D

FLUIDS

Petrol

Diesel

Bio-Diesel

Kerosene

ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
FPM/12/D	12V DC fuel pump complete with suction tube, bung nut, power cable, discharge hose & manual nozzle	1
FPM/24/D	24V DC Fuel Pump complete with suction tube, bung nut, power cable, discharge hose & manual nozzle	1
FPM/12/MT/D	FPM/12/D Pump System along with mechanical fuel meter	1
FPM/12/FMT/D	FPM/12/D Pump System along with mechanical fuel meter & fuel filter	1
SPARE PARTS & KITS		
ZSA/HOS/FPM/12	Replacement Fuel Hose (Anti Static)	1





184

## Continuous Duty Electric Diesel Pump

CDP



\*Measured at pump outlet with vehicle engine switched on

Diesel Transfer Pump, ideal for use on stationary tanks, fixed fuel transferring systems & dispensers and other similar industrial applications

Lightweight, yet strong non corroding aluminium die cast construction

Self priming vane pump

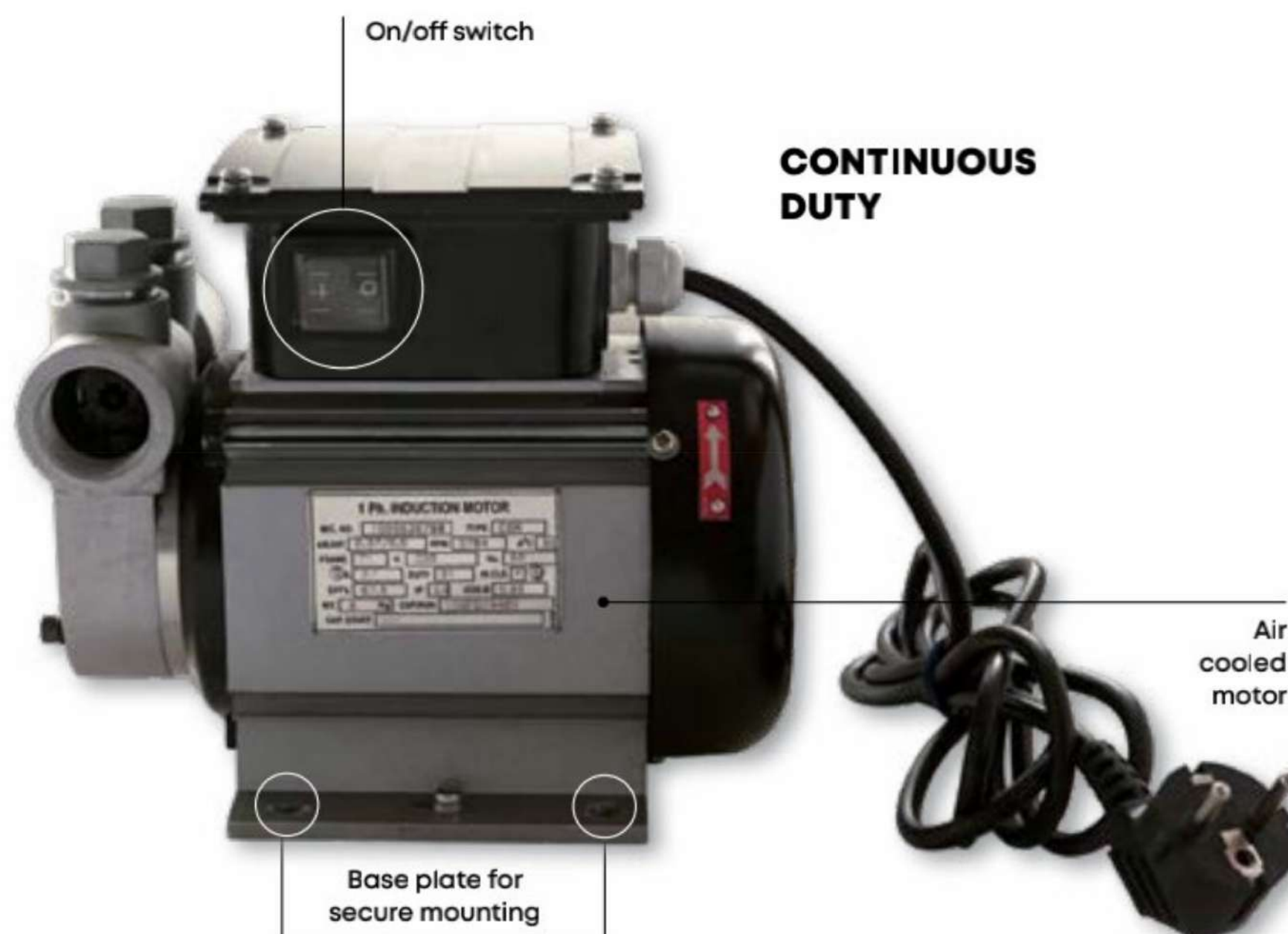
**Continuous Duty Cycle** with thermal overload protection

### WETTED COMPONENTS

Aluminium, Nitrile Rubber, Steel, Nylon

### RECOMMENDED USE

Diesel & Kerosene



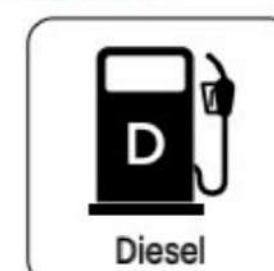
### SPECIFICATIONS

DESCRIPTION	220V AC
MOTOR	1/2 HP 220V AC, 50/60 Hz
RPM	2700
INTERNAL BYPASS VALVE	Yes
INLET/ OUTLET	1" BSP (F)
POWER CABLE LENGTH	2m
DUTY CYCLE	Continuous Duty
HORIZONTAL DISTANCE DISCHARGE	50'
VERTICAL DISTANCE DISCHARGE	20'

### ORDERING INFORMATION

CAT NR.	INLET / OUTLET	BOX QTY.
CDP/220/EU	1" BSP	1

### FLUIDS





185

## Mini Bowser Diesel Refilling System

CBN



A compact & convenient system designed for all stationary diesel refilling applications

Extremely versatile, the bowser can be installed directly on a wall, on an existing structure with screws or directly on a tank

Complete system consists of:

Continuous Duty self-priming Diesel Pump  
Self priming, vane pump with an internal bypass valve is equipped with a self ventilated, 1/2 HP motor with thermal overload protection. This makes it suitable for continuous usage

Mechanical Diesel Meter  
Rotating disc mechanical meter flow rate of 20-120 LPM & pressure rating 145 PSI

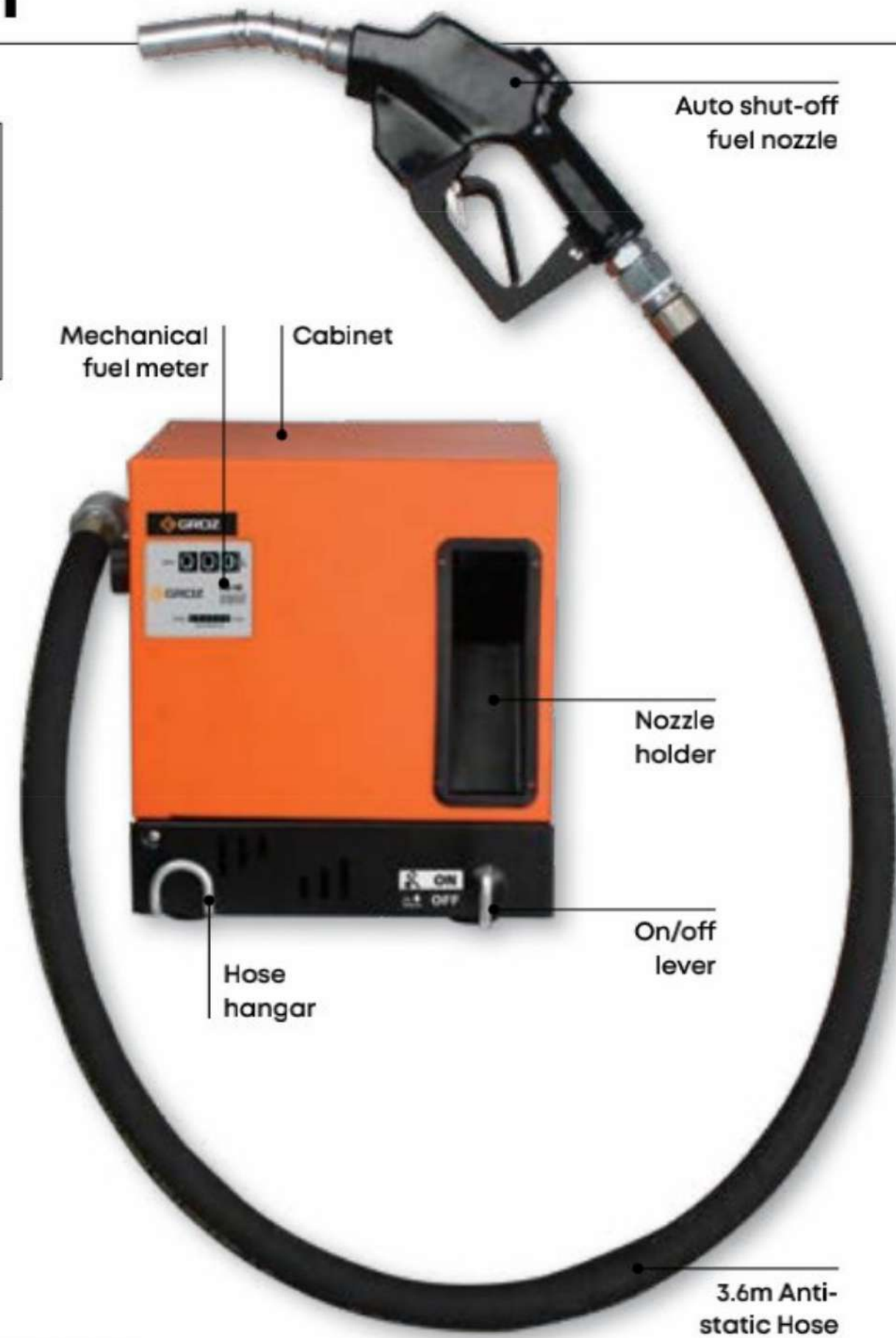
Fuel Control Nozzle – Automatic  
Dual mode nozzle - Manual & Automatic.  
Sensor in the discharge spout outlet automatically shuts off supply when fuel level in the tank reaches the discharge spout. The nozzle is equipped with a swivel at the inlet for convenience in usage

Fuel Hose  
3.6m (10.5') x 1" (ID) long antistatic fuel hose

Nozzle Holder  
In-built into the metal casing for keeping hose safe when not in use

Hose Hangar  
For safe storage of nozzle

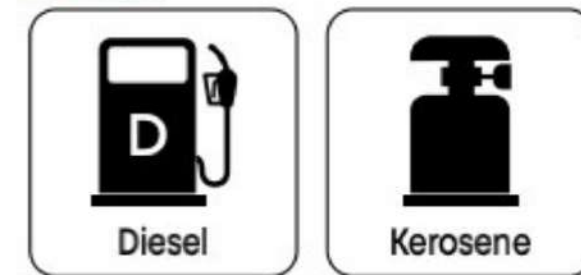
All encased in a sturdy weather-proof cabinet



Internal Parts



### FLUIDS



### SPECIFICATIONS

SYSTEM / BOWSER DESCRIPTION	220V AC
INLET / OUTLET	1" BSP (F)
PUMP MOTOR	1/2 HP 220V AC, 50 Hz
PUMP RPM	2700
DUTY CYCLE	Continuous Duty
POWER CABLE LENGTH	2m
METER ACCURACY	± 1%
METER LEAST COUNT	0.10 litres
MAX. RESETTABLE BATCH TOTAL	999.9 litres
MAX. NON RESETTABLE TOTALIZER	999999 Litres
HOSE LENGTH	3.6m x 1" ID

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	INLET / OUTLET	BOX QTY.
CBN/220EU/L/A/D	1/2 HP 220V AC, 50/60 Hz. power cord, with 1 meter long suction hose	1" BSP	1





Portable diesel transfer pumps

Designed for everyday use in agricultural, construction, automotive & industrial applications

Lightweight, yet strong non-corroding aluminum die-cast construction

Self priming vane pump design

Bypass valve keeps the motor safe even when the outlet is closed

### Duty Cycle

30 minutes ON /  
30 minutes OFF

### Includes Pump with

- Base plate and lift handle
- Manual Nozzle
- 4m x 3/4" (ID) hose that can be cut & used as suction & delivery hose
- Strainer
- 2m long battery cable with fuse & clamps
- Hardware - 3 hose barbs (3/4") & 4 hose clamps

### WETTED COMPONENTS

Steel, Aluminum, Zinc, Nylon, NBR, PVC Nitrile, Acetal

### RECOMMENDED USE

Diesel & Kerosene



### SPECIFICATIONS

	12V DC	24 V DC
MOTOR	1/4 HP 12V DC	1/4 HP 24V DC
RPM	2600	2600
AMP	18 Amp	11 Amp
INTERNAL BYPASS VALVE	Yes	Yes
OUTLET	3/4" NPT	3/4" NPT
BATTERY CABLE (2 WIRE)	2m	2m

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
EDP/12M/ST	12V DC	1
EDP/24M/ST	24V DC	1

### WARNING

Do not use with flash point below 38°C such as Petrol or Alcohol. Sparking could result in explosion causing fatal injury





\*Measured  
at pump  
outlet with  
vehicle engine  
switched on

**NEW!**

Portable Heavy Duty Diesel Transfer  
Pump

Designed for heavy usage in  
agricultural, construction, automotive  
and industrial applications

Lightweight & non-corroding Aluminium  
die cast construction

Self-Priming Vane pump design

Vanes made from steel for high tensile  
strength

Air Cooled Motor

Fuse position in secure electric box for  
increased safety

Compact Bracket Mounting design for  
use in confined spaces

## Pump complete with

- Base plate and lift handle
- 4m x 3/4" (ID) hose that can be cut &  
used as suction & delivery hose
- Nylon suction strainer
- Battery cable 2m with fuse & clamps
- Manual nozzle
- Hardware - 3 hose barbs (3/4") & 4  
hose clamps

## Duty Cycle

45 minutes ON /  
45 minutes OFF

## WETTED COMPONENTS

Steel, Aluminium, Zinc, Nylon, Rubber &  
PVC Nitrile

## RECOMMENDED USE

Diesel & Kerosene



Designed  
for use in  
extreme heat  
without loss in  
performance

## SPECIFICATIONS

	24V DC
MOTOR	1/4 HP 24V DC
POWER	180 Watts
RPM	2800
CURRENT DRAWN	9 Amp
INTERNAL BYPASS VALVE	Yes
INLET	3/4" NPT
OUTLET	3/4" NPT
BATTERY CABLE	2m

## ORDERING INFORMATION

CAT NR.	BOX QTY.
EDP/HD/24M/ST	4

## FLUIDS



## WARNING

Do not use fluids with a flash  
point below 100°F (38°C),  
such as Gasoline or Alcohol.  
Sparking could result in  
explosion causing fatal injury



188

## Industrial Rotary Fuel Pumps

RBP-3V



Industry standard for rotary pumps, these are by far the heaviest duty pumps, ideal for tough outdoor use in extreme weather conditions. Suitable for transferring media into smaller container or for quick refuelling of diesel powered vehicles or equipment

Deliver media with a head / lift upto 20' (6 metres)

Solid cast iron construction, fully CNC machined to close tolerances

Pump handle rotates a high quality sintered powder metal 3 vane rotor inside a highly finished pumping chamber

Graphite vanes are self lubricating & non wearing

High quality graphite seal allows the pump to be used with a wide variety of fluids

Self priming operation with discharge up to 38 LPM

For use with 50-210 litre barrels

### WETTED COMPONENTS

Cast Iron, Steel, Graphite, Paper, Polypropylene

### RECOMMENDED USE

Petroleum based fluids, Diesel, Petrol & Kerosene

### DO NOT USE WITH

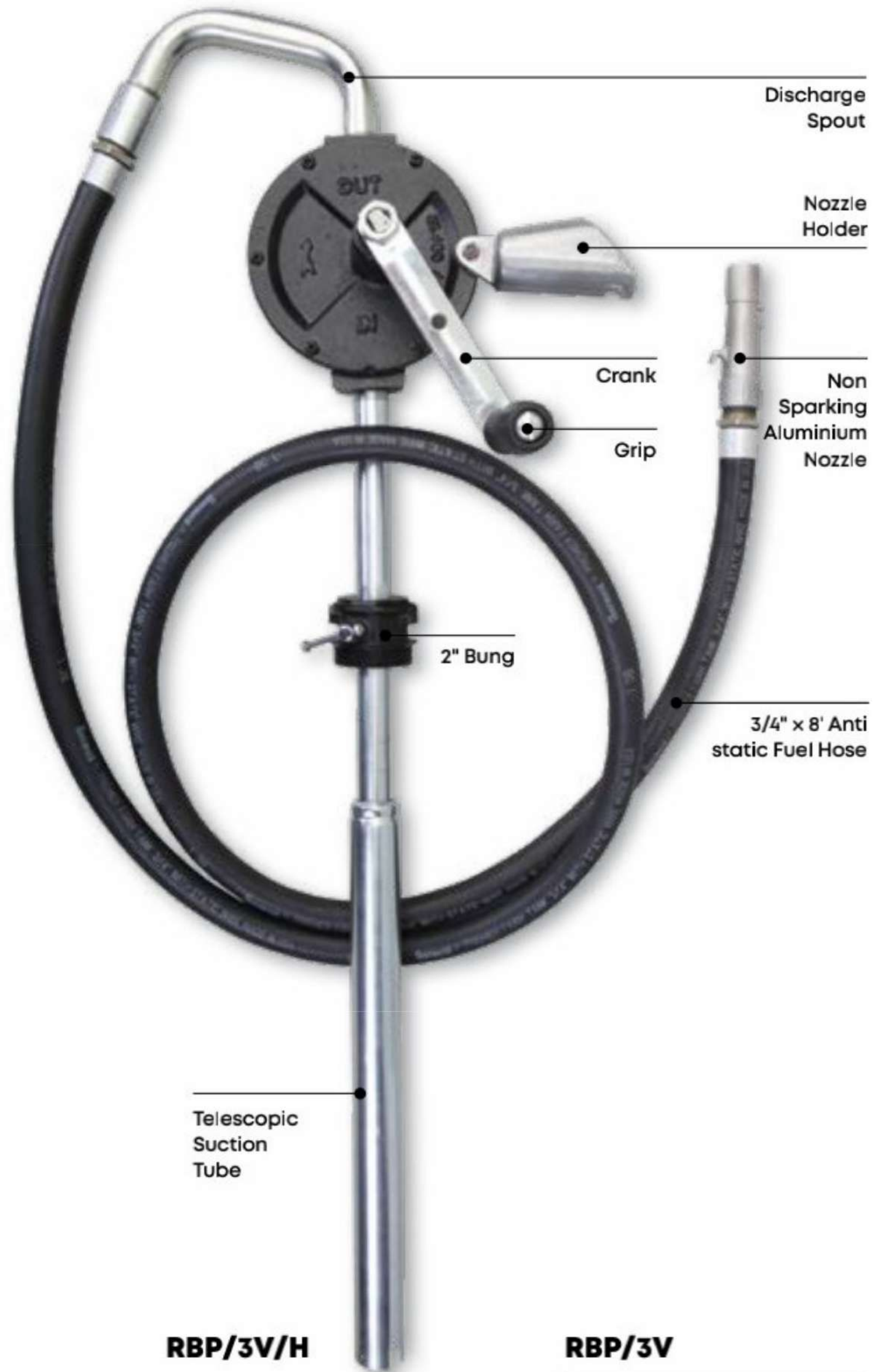
Water Based Media

### FLUIDS



### ORDERING INFORMATION

CAT NR.	DETAILS	BOX QTY.
RBP/3V	Pump with steel discharge spout	1
RBP/3V/H	Pump with 8' anti static hose, nozzle & nozzle holder	1



RBP/3V/H

RBP/3V





# 189

## Rotary Booster Pump 3:1

RB-3



Geared rotary drum pump with 3 times discharge per rotation

For every complete handle turn, the rotor turns 3 times

Ideal for volume dispensing, such as on construction sites, workshop, aviation, farms / ranches, boats etc.

Die Cast Aluminum construction with sintered gear driven die cast zinc rotor & vanes

Complete with 3 pc threaded suction tube for use on 50-205 litre (15-55 gallon) drums

### WETTED COMPONENTS

Aluminum, Zinc, Steel, NBR & PVC Nitrile\* (\*only on RB/3H)

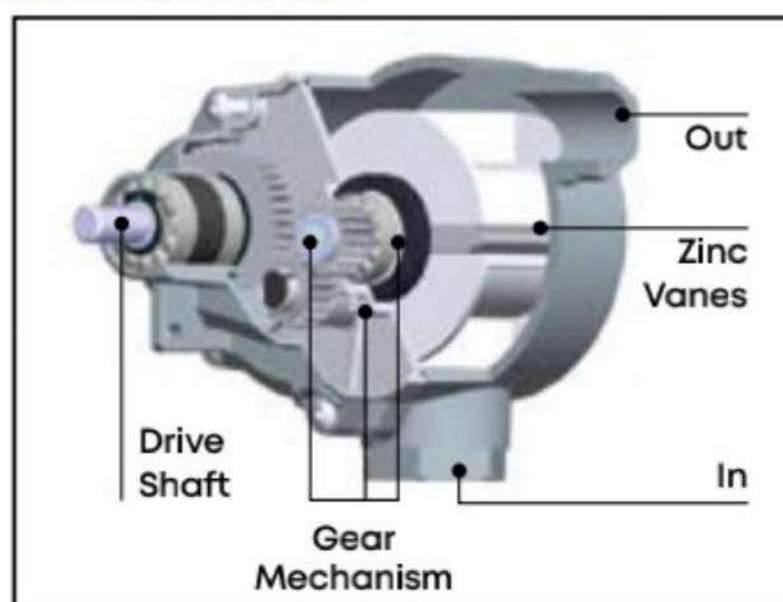
### RECOMMENDED USE

Gasoline, Diesel & Kerosene

### DO NOT USE WITH

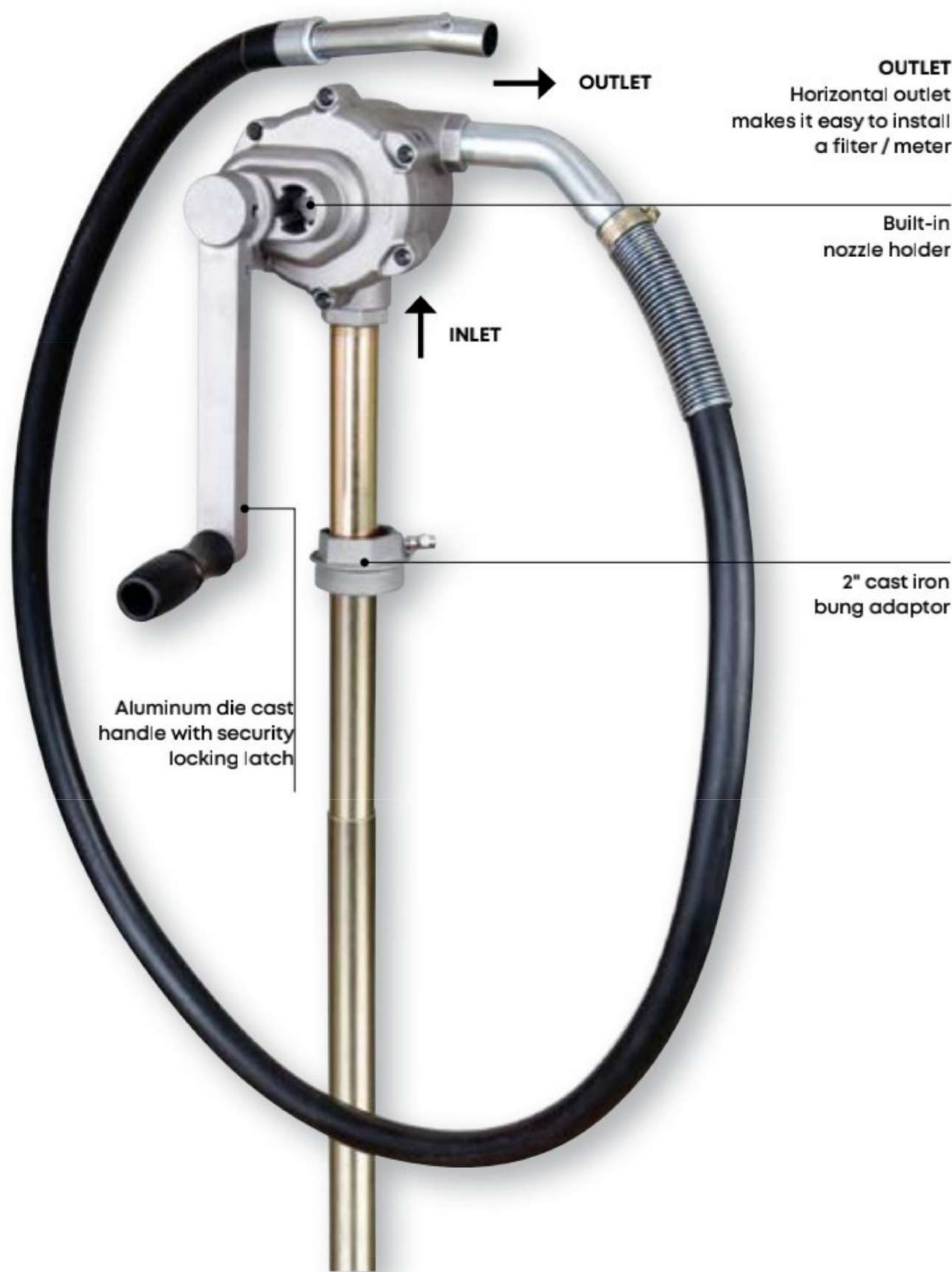
With Corrosive liquids, solvents, acids, alkalis etc.

### PUMP INTERNALS



### ORDERING INFORMATION

CAT NR.	BOX QTY.
RB/3H	1



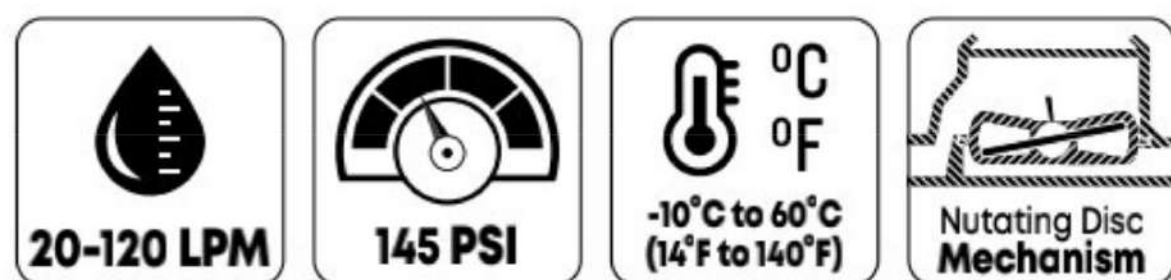
### FLUIDS





## 190 Mechanical Diesel Meter

FM-10



High accuracy flow meter with mechanical register

Nutating disc mechanism offers high tolerance to contaminated fuels

Meter is designed for both In-Line applications & gravity flow (with a minimum gravity head of 4')

Ideal for use with electric fuel pumps

Register cap can be easily removed & rotated to every 90° orientation for convenient read out

Robust aluminium die cast construction

Easy user re calibration

### WETTED COMPONENTS

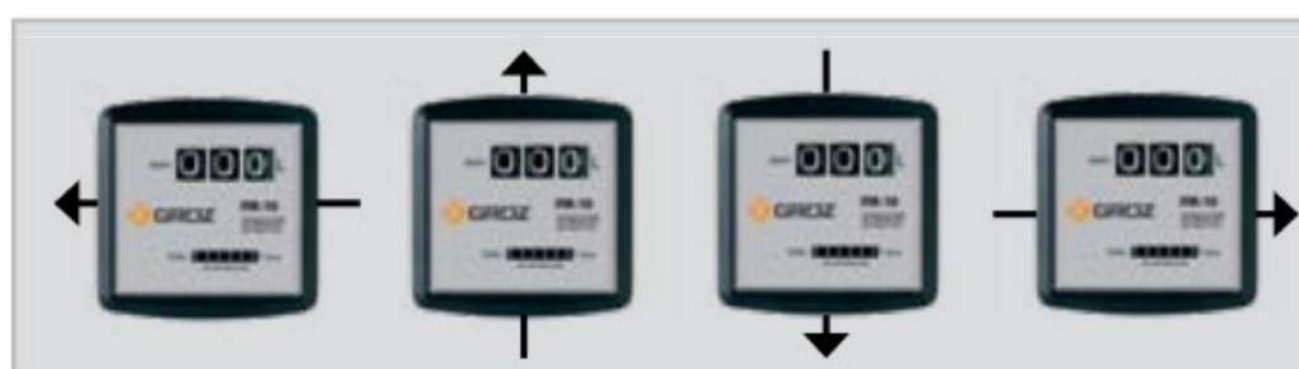
Aluminium, Butyl Terephthalate, Nitrile Rubber

### RECOMMENDED USE

Diesel, Biodiesel, Oils

### DO NOT USE WITH

Petrol, Water based media



Display can be changed by rotating the card in its housing thus ensuring greater versatility in positioning

### SPECIFICATIONS

ACCURACY*	± 1%
REPEATABILITY*	± 0.30%
LEAST COUNT /RESOLUTION	0.10 Litres or 0.10 Gallons
BURST PRESSURE	435 PSI (30 BAR)
PRESSURE LOSS	3 PSI (0.20 BAR)
MAX. RESETTABLE BATCH TOTALIZER	999.9 Litres or 99.9 Gallons
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 Litres or 99999.9 Gallons
MAX. VISCOSITY OF MEDIA	2000 cst

\* Tested in laboratory conditions

Note: Not to be used to measure media for resale

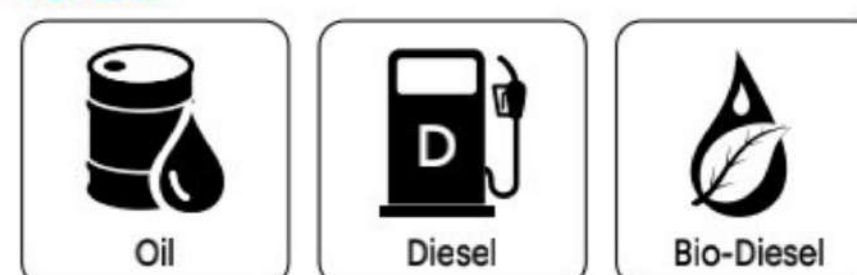
### ORDERING INFORMATION

CAT NR.	THREADS	BOX QTY.
FM/10/0-1/BSP	1" BSP (F)	1



SCAN TO WATCH

### FLUIDS







Digital Turbine meter for low viscosity fluids, easy to install in line or for end of the line applications

Polyamide turbine measuring mechanism

Electronic display using two AAA 1.5V batteries

Aluminium body and sealed electronic card makes it suitable for use in severe weather conditions

**Bi-directional:** Either ports can be used as inlet/ outlet

Measures in litres, quarts, pints & gallons

Easy user re calibration

### RECOMMENDED USE

Diesel, Petrol, Bio-Diesel

### WETTED COMPONENTS

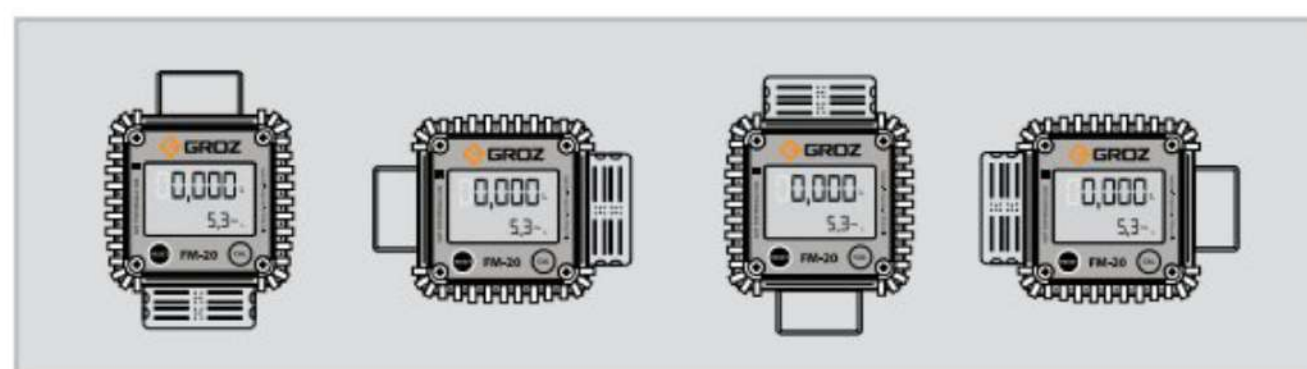
Aluminum & Polyamide

### DO NOT USE WITH

Oils, Water, Water based media



Bi Directional



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

### SPECIFICATIONS

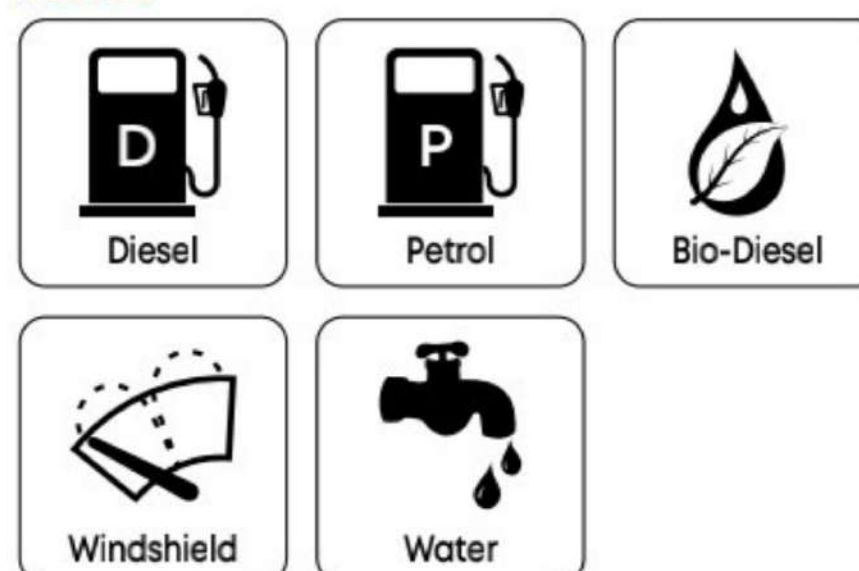
ACCURACY*	± 1%
REPEATABILITY	± 0.30 %
BURST PRESSURE	580 PSI (40 BAR)
WORKING TEMPERATURE	-10°C to 50°C
MAX. RESETTABLE BATCH TOTALIZER	99,999 Litres
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 Litres
LEAST COUNT/ RESOLUTION	0.001 units
MAX. VISCOSITY OF MEDIA	5.35 cst

Note: Not to be used for commercial sale

### ORDERING INFORMATION

CAT NR.	THREADS	BOX QTY.
FM/20/0-1/BSP	1" BSP (M) x 1" BSP (F)	1

### FLUIDS





192

## Mechanical Oval Gear Fuel Meter

MFM-DM100



High accuracy flow meter with mechanical register

**Oval Gear mechanism allows use of meter with flow rates as low as 3 LPM**

Meter is designed for both in-line applications & gravity flow (with a minimum gravity head of 4')

Ideal for use with electric fuel pumps

Register cap can be easily removed & rotated to every 90° orientation for convenient reading

Supplied with integrated mesh strainer

Robust aluminium die cast construction

### WETTED COMPONENTS

Aluminium, Viton, Mild Steel, Resin, Acetal

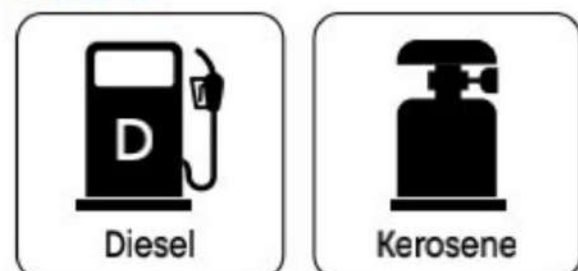
### RECOMMENDED USE

Diesel, Petrol, Kerosene & Oils upto 100

### DO NOT USE WITH

Water Based Media

### FLUIDS



6 digit accumulative totalizer (max. 999,999 litres)



4 digit re-settable batch totaliser (max. 999.9 litres)

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
MFM/DM100/BSP	Oval Gear Fuel Meter	1

### SPECIFICATIONS

INLET/OUTLET	1" BSP (F)
ACCURACY	± 1%
REPEATABILITY	± 0.30 %
MAX. WORKING PRESSURE	145 PSI (10 BAR)
MAX. RESETTABLE BATCH TOTALIZER	999.9 Litres
MAX. NON RESETTABLE BATCH TOTALIZER	999,999 Litres
LEAST COUNT/ RESOLUTION	0.10 Litre

Note: Not to be used for commercial sale





Heavy-duty high accuracy flow meter with mechanical register

Oval gear mechanism

Meter is designed for both in-line applications & gravity flow (with a minimum gravity head of 4')

Flexibility of installation options (e.g. can be mounted horizontally or vertically; no flow conditioning required)

Meter construction enables fast and easy on-site servicing without removal from application

Handles a wide variety of media from fuels to high viscosity oils upto SAE 140

Robust aluminium cast construction

**Meter accuracy is verified by a factory calibration check after which an individual metrology report is issued**

6 Digit Accumulative Totalizer (max. 999,999 litres)  
4 Digit Re-Settable Batch Totaliser (max. 999.9 litres)

Inlet / Outlet 1" BSP(F)



### SPECIFICATIONS

INLET / OUTLET	1" BSP (F)
ACCURACY	± 1%
REPEATABILITY	± 0.03 %
MAX. WORKING PRESSURE	500 PSI (35 BAR)
MAX. RESETTABLE BATCH TOTALIZER	999.9 Litres
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 Litres
LEAST COUNT/ RESOLUTION	0.10 Litre

**Note: Not to be used for commercial sale**

### ORDERING INFORMATION

CAT NR.	BOX QTY.
MFM/M10/BSP	1

### FLUIDS

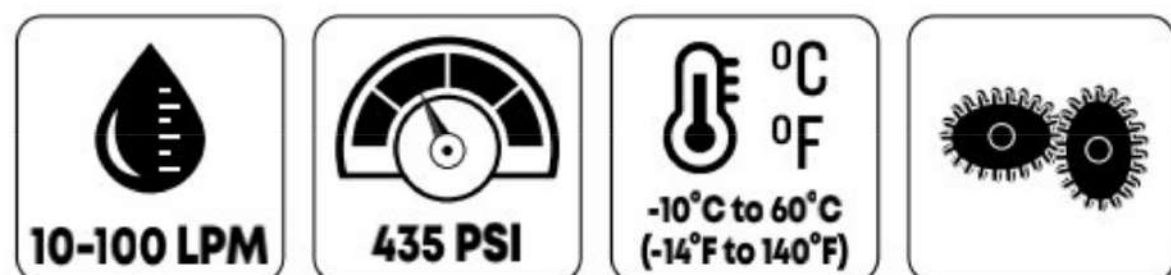




194

## Digital Oval Gear Fuel Meter

FM-25



Heavy duty, high accuracy electronic fuel meter

Electronic display using 2 × 1.5V alkaline battery

Oval gear mechanism that provides high accuracy over a wide range of fluids with reduced loss of head

Aluminium body with built in suction filter

Measures in litres, quarts, pints & gallons

Easy user recalibration

### RECOMMENDED USE

Diesel

### DO NOT USE WITH

Water based media, Acids etc

### WETTED COMPONENTS

Polyoxymethylene, Aluminium, Steel, Neodymium



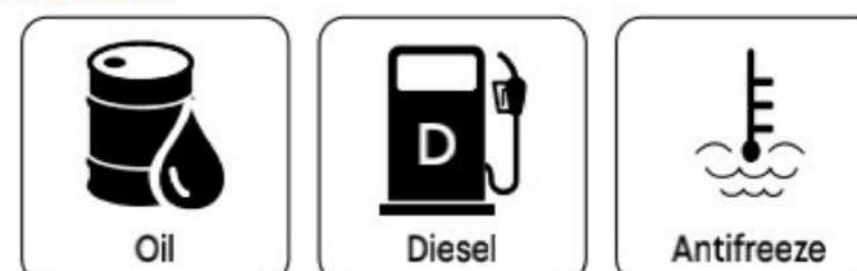
### SPECIFICATIONS

ACCURACY	± 0.5%
REPEATABILITY	± 0.2%
MAX WORKING PRESSURE	435 PSI (30 BAR)
PARTIAL TOTAL	0.001 to 99999 units
MAX RESETTABLE TOTAL	9,99,99 (5 digits with × 100 indicator) units
MAX NON-RESETTABLE TOTAL	9, 99,99,999 (8 digits with × 100 indicator) units
LEAST COUNT/ RESOLUTION	Upto 0.001 units
VISCOSITY	Upto upto 2000 cst

### ORDERING INFORMATION

CAT NR.	INLET / OUTLET	BOX QTY.
FM/25/3-4/BSP	3/4" BSP (F)	1
FM/25/0-1/BSP	1" BSP (F)	1

### FLUIDS





# 195

## Fuel Control Nozzles Manual

FCN



For use with manual & electric fuel pumps

All metal construction with the body, discharge spout, trigger & guard made from aluminium

Hose swivel at inlet offers increased maneuverability & convenience in use

Manual control; also includes continuous flow switch for unattended dispensing

Designed for minimal back pressure & reduction in flow

### WETTED COMPONENTS

Aluminum, Steel, Nylon, Nitrile Rubber

### FLUIDS



### ORDERING INFORMATION

CAT NR.	INLET THREAD	SPOUT OUTER DIA.	MAX. FLOW RATE	RECOMMENDED USE	BOX QTY.
		(MM)	(LPM)		
FCN/S/3-4/3-4/N	3/4" NPT (F)	19	57	Diesel & Petrol	1
FCN/S/0-1/0-1/N	1" NPT (F)	25	75	Diesel	1

# 196

## Fuel Control Nozzles Automatic

FCNA



For use with Electric Fuel Pumps

**Dual Mode:** Manual & Automatic. Sensor built into the discharge spout outlet automatically shuts off supply once fuel level in the tank reaches that of the outlet discharge spout

Heavy-duty cast aluminum body, trigger & guard from thermoplastic & protective vinyl grip on the nozzle body

### WETTED COMPONENTS

Aluminium, Viton

### FLUIDS



### ORDERING INFORMATION

CAT NR.	SPOUT TYPE	INLET THREAD	SPOUT OUTER DIA.	MAX. FLOW RATE	BOX QTY.
			(MM)	(LPM)	
FCNA/3-4A/N	Curved with Spring	3/4" NPT (F)	21	60	1
FCNA/0-1/N	Curved with Spring	1" NPT (F)	27	100	1



197

## Fuel Control Nozzle Metered

FM20-FCN



Manual Fuel Control Nozzle fitted with Digital Fuel Meter

Die cast aluminium nozzle with built-in swivel at inlet

Manual nozzle has a switch for un-attended continuous dispensing

Polyamide turbine measuring mechanism

Electronic display using two AAA 1.5V batteries

Aluminium meter body and sealed electronic card makes it suitable for use in severe weather conditions

Measures in litres, quarts, pints & gallons

Easy user re-calibration

### WETTED COMPONENTS

Polyamide, Aluminum, Steel, Nylon, Nitrile Rubber

### RECOMMENDED USE

Diesel, Petrol

### DO NOT USE WITH

Oils

### SPECIFICATIONS

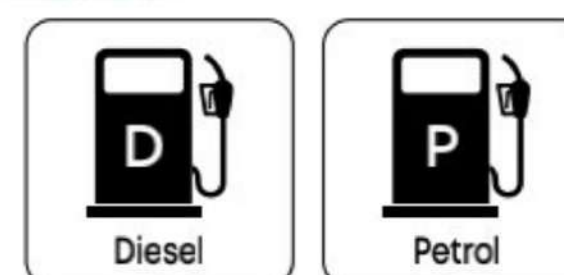
ACCURACY	± 1%
REPEATABILITY	± 0.30 %
MAX. WORKING PRESSURE	50 PSI (3.45 BAR)
MAX. RESETTABLE BATCH TOTALIZER	99,999 Litres
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 Litres
LEAST COUNT/ RESOLUTION	0.001 Units
MAX. VISCOSITY OF MEDIA	5.35 cst
WATER RESISTANT	IP 55

### ORDERING INFORMATION

CAT NR.	INLET THREAD	SPOUT OUTER DIA.	BOX QTY.
		(MM)	
FM/20/FCN/3-4/N	3/4" NPT (F)	19	1
FM/20/FCN/0-1/N	1" NPT (F)	25	1



### FLUIDS







Swivel are installed between the fuel nozzle and hose to reduce strain, providing flexibility so that the fuelling hose lasts longer

Provides full 360° rotation for free movement facilitating flexibility to refuel vehicles from virtually any direction.

Aluminium die cast construction with male threaded end made from brass

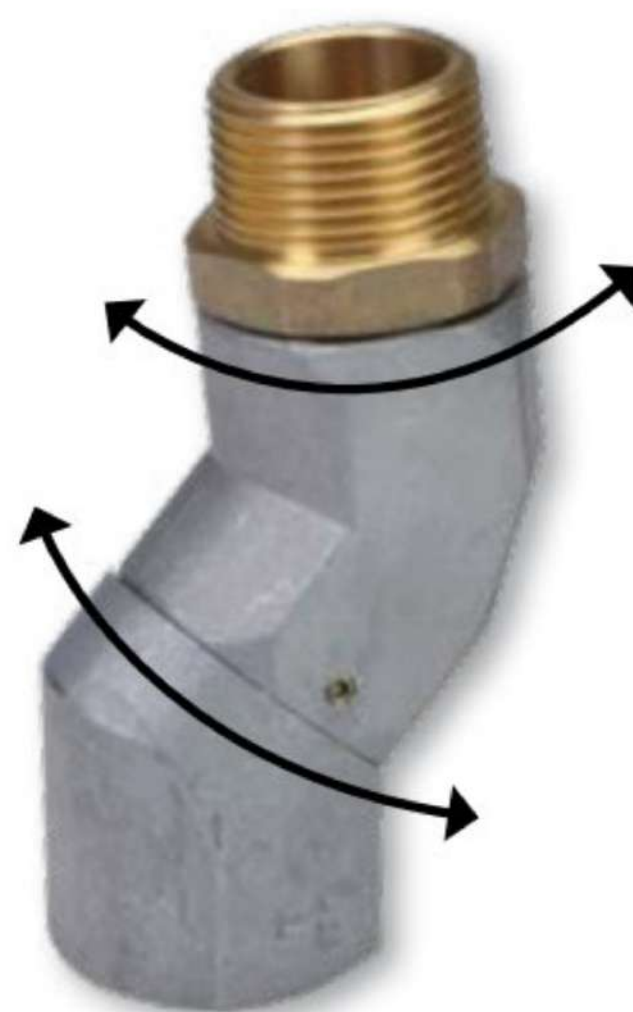
Laminar flow design for higher fuel flow

Dual 'O' ring seal for long service life

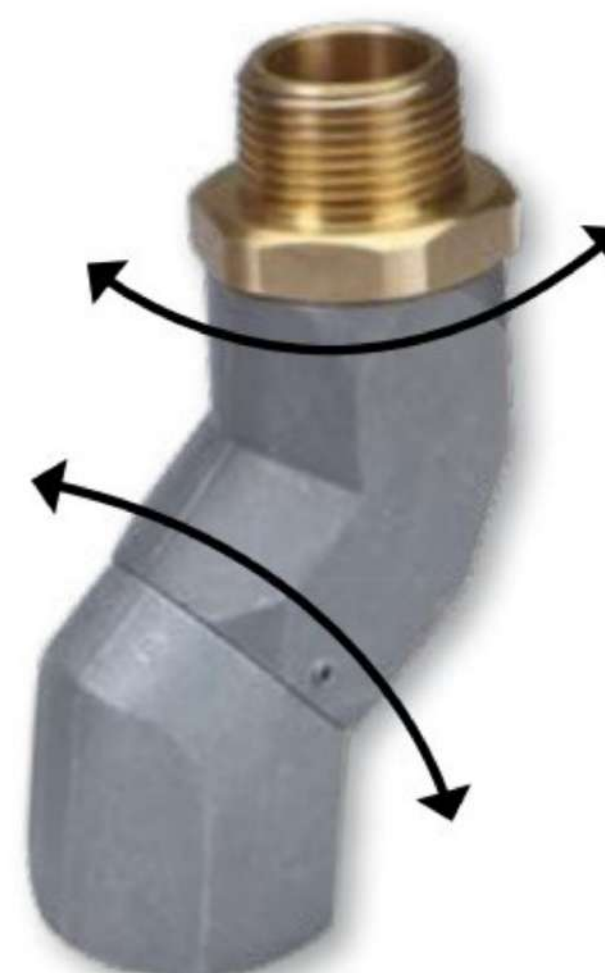
Compatible with fuels containing alcohol

### WETTED COMPONENTS

Aluminium, Brass, Viton



SWV/DP/0-1/N



SWV/DP/3-4/N



### ORDERING INFORMATION

CAT NR.	THREADS	BOX QTY.
SWV/DP/3-4/N	3/4" NPT(F) × 3/4" NPT (M)	1
SWV/DP/0-1/N	1" NPT(F) × 1" NPT (M)	1

### FLUIDS



Diesel



Petrol



Kerosene



Bio-Diesel



199

Fuel Dispensing Kits

FDK

Gravity feed fuel dispensing kit comprising of 3m rubber hose fitted with manual fuel control nozzle with swivel

Hose also available as spare  
Hose Length: 3.6m complete with end connections



Spare Hose



Fuel Dispensing Kit

ORDERING INFORMATION

CAT NR.	HOSE INNER DIAMETER	HOSE LENGTH	THREADS	SUITABLE FOR PUMP	BOX QTY.
FUEL DISPENSING KIT					
FDK/3/3-4/N	3/4"	3 m	3/4" NPT (M)	FPM-12	1
FDK/3/0-1/N	1"	3 m	1" NPT (M)	FPM/12/HF	1
SPARE HOSE					
ZSA/HOS/FPM/12	3/4"	12'	3/4" NPT (M)	FPM-12	1
ZSA/HOS/FPM/12/HF	1"	12'	1" NPT (M)	FPM/12/HF	1

200

Filter Wrench

FW-FFL

Easy to use wrench for removing filter bowl when changing filter element

Weather resistant reinforced nylon construction ensures no damage to filter bowl

Specially designed to fit GROZ FFL-02 fuel filter bowl

Wire through hole provided for attaching to fuel tank



Fits fuel filter bowl for easy removal without cracking!



Wire through hole

ORDERING INFORMATION

CAT NR.	BOX QTY.
FW/FFL-02	10





Isoplast see - through bowl with aluminium head and 10 micron filter element

Suitable for use with manual or electric fuel pumps

Filters small particles of rust, scale, grit, dirt and sand

Replacement filter element available as spare

Suitable for use with different fuels in Agricultural & Industrial applications

Water block filter element used to separate water from fuel

### WETTED COMPONENTS

Aluminium, Isoplast, NBR, Steel, Paper element, Nylons

### RECOMMENDED USE

Diesel & Petrol, Fuel Oil, Ethyl and Isoproyl Alcohol

### DO NOT USE

Gasohol, Aviation Fuels, Race Fuels, water based products

### FLUIDS



Aluminium die cast filter head - threaded 1" at inlet & outlet

Isoplast See-through bowl

Filter element

Brass Drain Cock - releases accumulated water & contaminants by a simple turn

**FFL-01/B**

**FF/FFL/10**  
Replacement Filter Element



### ORDERING INFORMATION

CAT NR.	FILTER ELEMENT	THREADS	BOX QTY.
FFL-01/B	10 µ	Fuel Filter. Threaded 1" BSP (F)	10
FFL/01/3-4/N	10 µ	Fuel Filter. Threaded 3/4" BSP (F)	10
REPLACEMENT FILTER ELEMENT			
FF/FFL/10-ST	10 µ	Fuel Filter Element	10
FF/FFL/10-WB/ST	10 µ	Water Block Fuel Filter Element	10
REPAIR PARTS			
ZSA/CON/FFL/01	Replacement Filter Bowl with Drain Valve		10



## 202

## Fuel Filter Spin - On Cartridge Style

FFS-10



High Flow Fuel Filter, complete with 10 micron spin-on style filter cartridge

Aluminum Die Cast Head, vacuum impregnated for leak proof operation

Inlet & Outlet threaded  
1" BSP(F)

Fits spin on cartridges with 1-1/2"-16 UNF threads

Designed for use on both mobile & stationary fuel tanks and on petrol & diesel fuel pumps

Ideal for use in construction & agricultural applications

Removes particulate contaminants such as dirt, dust & rust

Replacement Spin-On Filter cartridges available as spare

### RECOMMENDED USE

Petrol, Diesel

### DO NOT USE WITH

Water Based Products, Aviation, Fuels, Race Fuels etc.



FFS/10/BSP

### FLUIDS



### ORDERING INFORMATION

CAT NR.	FILTER ELEMENT	INLET / OUTLET	BOX QTY.
FFS/10/BSP	10µ filter	1" BSP (F)	10
FFS/10WB/BSP	10µ water block filter	1" BSP (F)	10
REPLACEMENT CARTRIDGE			
FF/FFS/10	10µ filter		10
FF/FFS/10-WB	10µ water block filter		10

FF/FFS/10





203

## Electric DEF / Adblue Transfer Pumps

DEFP



Diaphragm transfer pump designed for dispensing DEF / Adblue

Lightweight non corroding, weather proof polypropylene body

Self priming pump design

Built-In Thermal Overload Protection

### Duty Cycle

30 minutes ON /  
30 minutes OFF

Pump inlet & outlet fitted with 3/4" (19 mm) hose barbs

### WETTED COMPONENTS

Polypropylene, EPDM, Viton

### RECOMMENDED USE

DEF/Adblue, Urea, Water, Antifreeze, Antifreeze, Detergents etc.

### DO NOT USE WITH

Diesel, Kerosene, Gasoline, Oils etc.



DEFP/12



DEFP/220

### SPECIFICATIONS

	12V DC	220V AC
INPUT VOLTAGE	12V DC	220V AC, 50/60 Hz.
MOTOR HP	1/4 HP	1/2 HP
RPM	2900	2800
AMP	16 Amp	1.5 Amp
INLET / OUTLET	3/4" Hose Barb	3/4" Hose Barb
POWER CORD / CABLE	2m long with alligator clamps	2m long with Plug

### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
★ DEFP/12	12V DC	4
★ DEFP/220	220V AC, 50 Hz.	4

★ Best Seller





DEF - Diesel Exhaust Fluid is a mixture of high purity synthetic automotive grade urea & de-ionised water. It is used in SCR (Selective Catalytic Reduction) system on diesel engines to reduce emissions

Designed to transfer DEF from a Drum/Tote to smaller container/engines etc.

### A DEF transfer system consists of

#### a. DEF Transfer Pump

- 220V AC Diaphragm pump with lightweight non-corroding polypropylene body

#### b. DEF Digital Meter

- Battery operated digital meter for use with DEF & water based media. Polyamide body & sealed electronic card makes it suitable for use in all sorts of weather conditions

- Measures in Litres, Quarts, Pints & Gallons

#### c. Inlet Hose

- Special EPDM inlet hose connecting the Drum/Tote opening to the pump inlet respectively

#### d. Suction Hose

- Special EPDM suction hose

#### e. Discharge Hose

- 20' special EPDM hose connecting the pump meter outlet to the dispensing nozzle

#### f. Connecting adaptor

#### g. Manual DEF Nozzle

- Nylon construction with SS hardware & Viton seals, Manual control, but also includes a continuous flow switch for unattended dispensing

#### h. Auto Shut Off DEF Nozzle

- Sensor built into the discharge spout automatically shuts off the supply once fluid level in the Drum/Tote reaches that of the outlet discharge spout

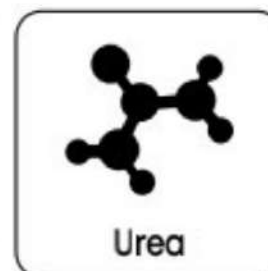
#### i. Nozzle Holder

- For safe storage of the nozzle while the fluid is not being dispensed

#### j. Mounting Plate

- Stainless Steel mounting plate for use in 1000/1200 litres (275/330 gallons) totes & 205 litre (55 gallon) drums
- Drum mounting plate is stretchable for varying drum dia and acts as base for installing pump & other accessories

### FLUIDS



### IBC KIT PART LIST

	KIT/IBC/DEF/1/EU	KIT/IBC/DEF/2/EU/D	KIT/IBC/DEF/3/EU/D	KIT/IBC/DEF/4/EU/D	KIT/IBC/DEF/5/EU/D
	BASIC	BASIC WITH BOTTOM ADAPTOR	ADVANCED	PREMIUM	BASIC WITH BOTTOM ADAPTOR & METER
STAINLESS STEEL TOTE MOUNTING PLATE	Yes	Yes	Yes	Yes	Yes
ELECTRIC DEF PUMP	Yes	Yes	Yes	Yes	Yes
DEF DIGITAL TURBINE METER	-	-	-	Yes	Yes
DEF/ADBLUE CONTROL NOZZLE-MANUAL	Yes	Yes	-	-	Yes
DEF/ADBLUE CONTROL NOZZLE-AUTOMATIC	-	-	Yes	Yes	-
BOTTOM ADAPTOR	-	Yes	Yes	Yes	Yes
INLET HOSE	Yes	Yes	Yes	Yes	Yes
DISCHARGE HOSE	Yes	Yes	Yes	Yes	Yes
CONNECTING HARDWARE	Yes	Yes	Yes	Yes	Yes



KIT-IBC

KIT-DRM

## SPECIFICATIONS

DESCRIPTION	DRUM MOUNT	TOTE MOUNT
INLET HOSE SIZE	3/4" ID	5' x 3/4" ID
DISCHARGE HOSE SIZE	20' x 3/4" ID	20' x 3/4" ID
INPUT VOLTAGE	220V AC	220V AC
MOTOR RATING	1/2 HP	1/2 HP
PROTECTION	IP55	IP55
DUTY CYCLE	30 mins ON / OFF	30 mins ON / OFF
ACCURACY*	± 1 %	± 1 %
REPEATABILITY*	0.30 %	0.30 %
MAX. WORKING PRESSURE	145 PSI (10 BAR)	145 PSI (10 BAR)
MAX. RESETTABLE BATCH TOTALIZER	99,999 units	99,999 units
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 units	9,99,999 units
LEAST COUNT	0.001 units	0.001 units

\*Tested in laboratory conditions

## ORDERING INFORMATION

CAT NR.	BOX QTY.
<b>TOTE MOUNTING KIT</b>	
KIT/IBC/DEF/1/EU	
KIT/IBC/DEF/2/EU/D	1
KIT/IBC/DEF/3/EU/D	1
KIT/IBC/DEF/4/EU/D	1
KIT/IBC/DEF/5/EU/D	1
<b>DRUM MOUNTING KIT</b>	
KIT/DRM/DEF/1/EU	1
KIT/DRM/DEF/2/EU/D	1
KIT/DRM/DEF/3/EU/D	1
KIT/DRM/DEF/4/EU/D	1



## DRUM KIT PART LIST

	KIT/DRM/DEF/1/EU	KIT/DRM/DEF/2/EU/D	KIT/DRM/DEF/3/EU/D	KIT/DRM/DEF/4/EU/D
	BASIC	BASIC WITH CONNECTING ADAPTORS	ADVANCED	PREMIUM
STAINLESS STEEL DRUM MOUNTING PLATE	Yes	Yes	Yes	Yes
ELECTRIC DEF PUMP	Yes	Yes	Yes	Yes
DEF DIGITAL TURBINE METER	-	-	-	Yes
DEF/ADBLUE CONTROL NOZZLE-MANUAL	Yes	Yes	-	-
DEF/ADBLUE CONTROL NOZZLE-AUTOMATIC	-	-	Yes	Yes
CONNECTING ADAPTORS	-	Yes	Yes	Yes
INLET HOSE	Yes	Yes	Yes	Yes
DRUM BUNG CONVERTOR	-	Yes	Yes	Yes
DISCHARGE HOSE	Yes	Yes	Yes	Yes
SUCTION HOSE	Yes	-	-	-
CONNECTING HARDWARE	Yes	Yes	Yes	Yes



**205**

## Air Operated DEF / Adblue Transfer Pumps

**PAOP**

**NEW!**

Air operated transfer pump for dispensing DEF/Adblue

Choice of materials makes it compatible with many more fluids, compared to other air pumps which primarily pump oil

Built-in 2" bung adaptor allows the pump to be fixed on drums with 2" opening

Supplied complete with Suction Tube with check valve for use with 50-205 litres (15-55 gallons) drums

### WETTED COMPONENTS

Polypropylene, Viton, Stainless Steel, Nylon, PVC

### RECOMMENDED USE

Water-based media, Detergents, Soaps, Antifreeze, Windshield Washer, Hydraulic Oils, Lubricants, Herbicides & Pesticides, Adblue, Urea, DEF etc. Pump should only be used with Non-flammable liquids

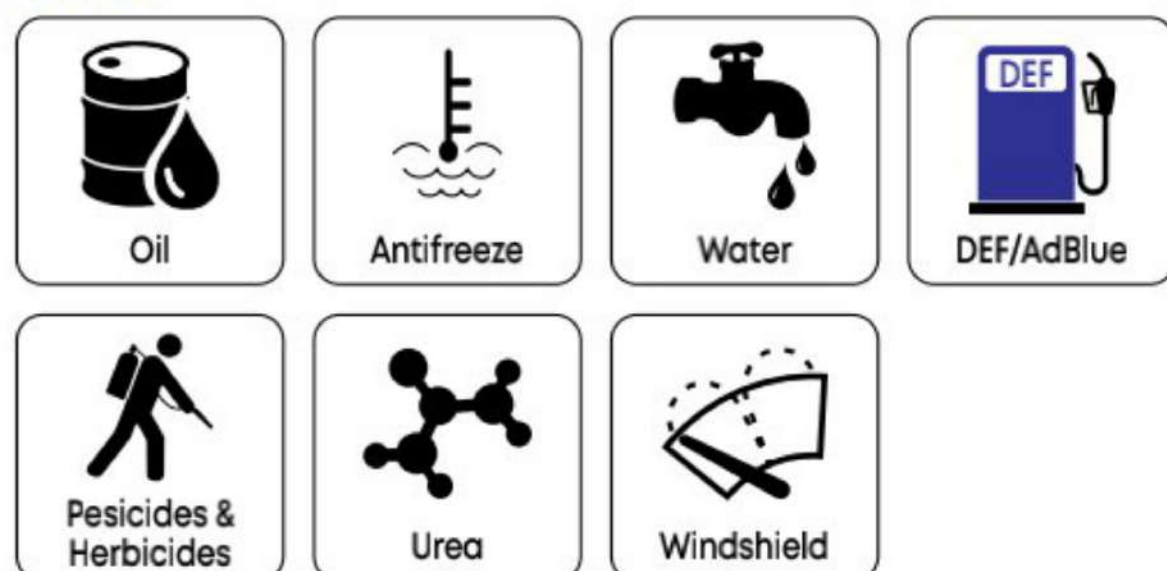
### DO NOT USE WITH

Any media not compatible with materials used in the pump construction. Pump must never be used for Fuel Transfer or with Thinners, Solvents etc.



Drum not included

### FLUIDS



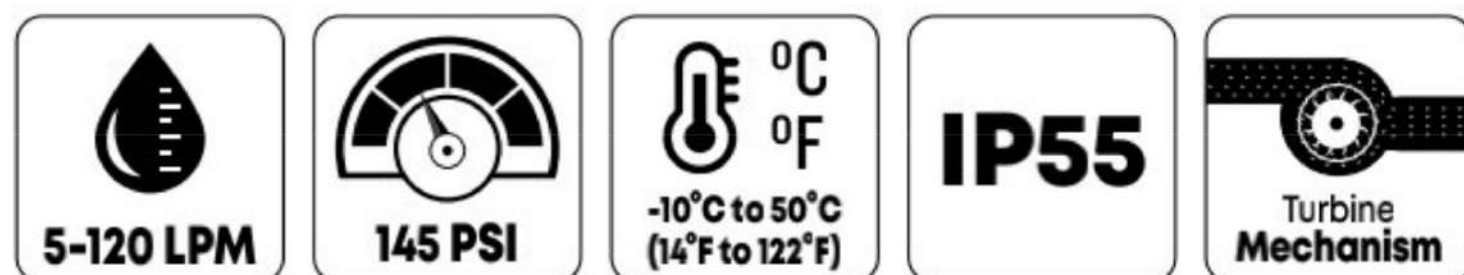
### ORDERING INFORMATION

CAT NR.	DESCRIPTION	BOX QTY.
PAOP/1H	Pump with 2m x 3/4" ID PVC Hose, Nylon dispensing nozzle, 2 Hose clamps and safety steel bracket	6

### SPECIFICATIONS

WORKING PRESSURE	30-100 PSI (2-7 BAR)
MAX. AIR INLET PRESSURE	100 PSI (7 BAR)
MAX. OUTLET PRESSURE	45 PSI (3 BAR)
AIR CONSUMPTION	125 LPM (4.40 CFM)
MAX. PUMP DISCHARGE	30 LPM (8 GPM) at Air Pressure of 100 PSI (7 BAR)
AIR INLET CONNECTION	1/4" (F)
PUMP OUTLET	3/4" (19.5 mm) dia.
PUMP INLET	1" (F)
NOISE LEVEL	78 db
MAX. TEMPERATURE OF MEDIA BEING PUMPED	60°C (140°F)
MAX. VISCOSITY OF MEDIA BEING PUMPED	SAE 50 / ISO 220





Digital turbine meter with polyamide construction, designed especially for use with DEF, water etc.

Designed for in-line, end of the line application or use with a dispensing nozzle

Polyamide turbine measuring mechanism

Electronic display using two AAA 1.5V batteries

Polyamide body & sealed electronic card makes it suitable for use in severe weather conditions

Display can be rotated in 4 different positions

Measures in litres, quarts, pints & gallons

Easy user re-calibration

Includes one additional stainless steel adaptor to convert from 1" male to 1" female threads

### WETTED COMPONENTS

Polyamide, Viton, Stainless Steel

### RECOMMENDED USE

Urea, AdBlue, DEF, Windshield Fluids, Water & Water Based Media

### DO NOT USE WITH

Fuels & Oils



Display can be changed by rotating the card in its housing thus ensuring great versatility in positioning

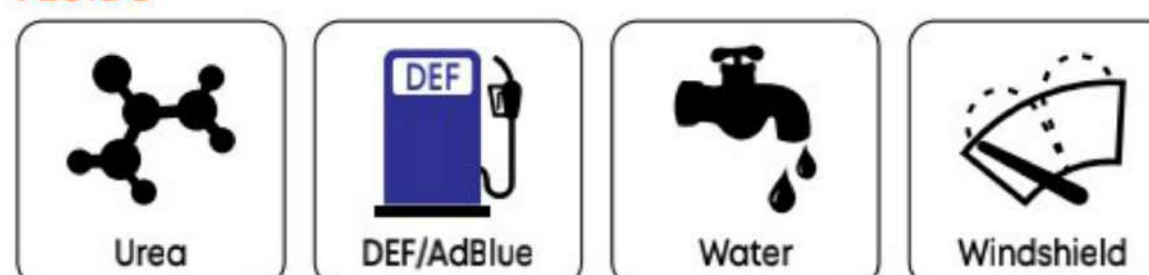
### SPECIFICATIONS

ACCURACY*	± 1%
REPEATABILITY*	± 0.30%
LEAST COUNT/ RESOLUTION	0.001 units
BURST PRESSURE	580 PSI ( 40 BAR)
MAX. RESETTABLE BATCH TOTALIZER	99,999 units
MAX. NON RESETTABLE BATCH TOTALIZER	9,99,999 units
MAX. VISCOSITY OF MEDIA	5.35 cst
WATER RESISTANCE	IP 55

\* Tested in laboratory conditions

Note: Not to be used to measure media for resale

### FLUIDS



### ORDERING INFORMATION

CAT NR.	THREADS	BOX QTY.
WM/20/0-1/BSP	1" BSP	1





For use with DEF, adblue, urea, windshield fluids & other water based media

Nylon construction with stainless steel internal parts & viton seal

Nozzle spout with notches to avoid the gun from slipping from the tank during delivery

Hose barb 3/4" (20 mm) at inlet

Manual control. Also includes continuous flow switch for unattended dispensing

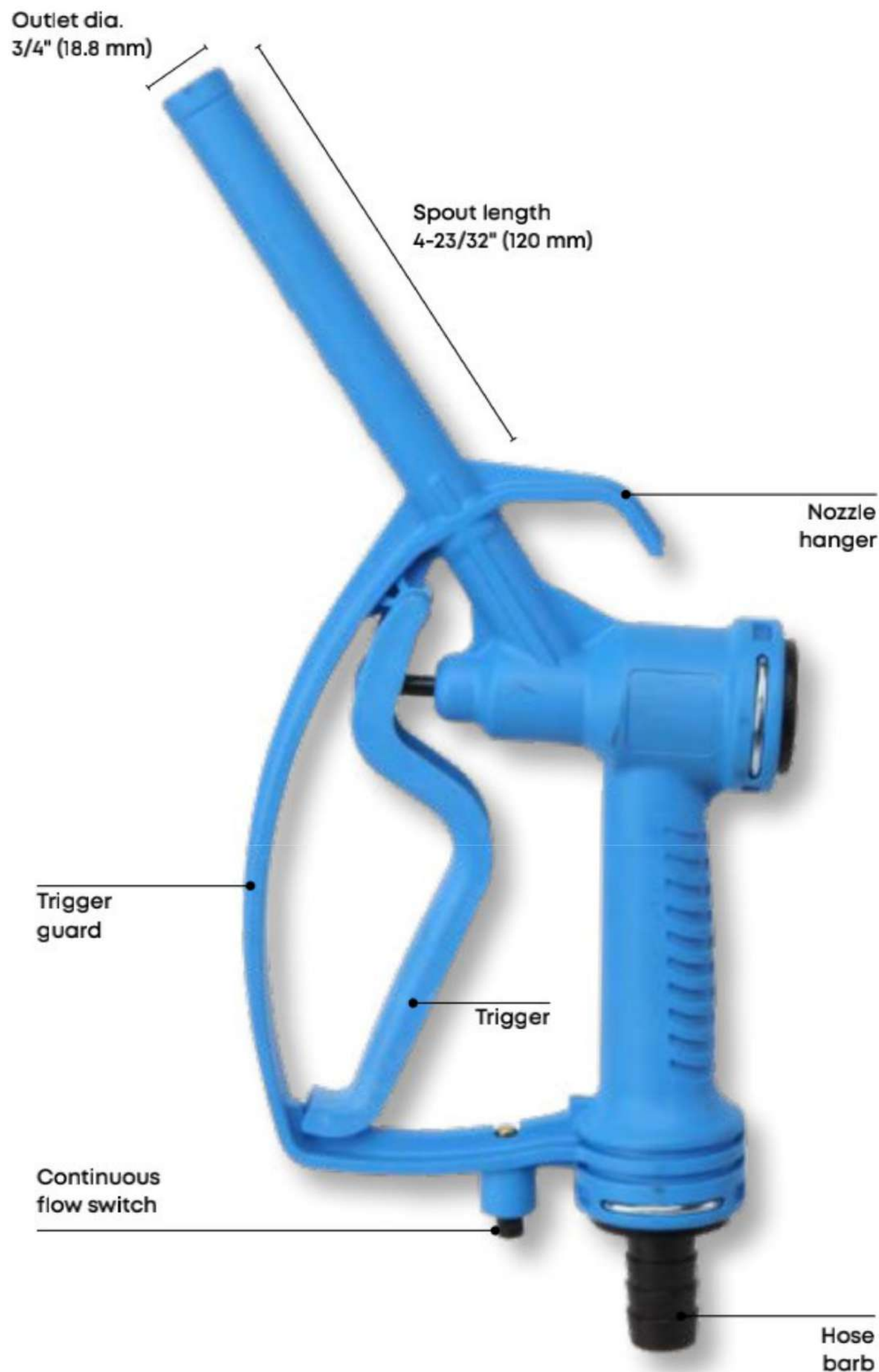
Designed for minimal back pressure & reduction in flow

### WETTED COMPONENTS

Nylon (Nylon 6, 30% glass Filled), Stainless Steel, Viton

### RECOMMENDED USE

Diesel Exhaust Fluid, Adblue & Urea



### FLUIDS



### ORDERING INFORMATION

CAT NR.	INLET	SPOUT DIA. (OD)		SPOUT DIA. (ID)		BOX QTY.
		(INCH)	(MM)	(INCH)	(MM)	
FCN/NY/HB/3-4	3/4" (20 mm) Hose Barb	3/4	18.8	9/16	14.6	1



208

## DEF / Adblue Control Nozzle Automatic

FCNA-SS



For use with DEF, Adblue, Urea,  
Windshield fluids & Other based media

Heavy duty stainless steel cast body  
with polyamide cover

Sensor built into the discharge spout  
automatically shuts off the supply once  
fluid level in the tank reaches that of  
the outlet discharge spout

Built-in stainless steel swivel for ease  
of use

### WETTED COMPONENTS

SS 304, N41

### RECOMMENDED USE

Water based media, Urea, Adblue, E85  
& DEF



### FLUIDS



### ORDERING INFORMATION

CAT NR.	SPOUT	INLET	SPOUT DIA. (ID)		SPOUT DIA. (OD)		BOX QTY.
			(INCH)	(MM)	(INCH)	(MM)	
FCNA/SS/HB/3-4	Curved	3/4" (20 mm) Hose Barb	5/8	16	47/64	18.5	1



**209**

## Nylon Chemical Pump

**CMP-12**


Self priming Vertical Lift pump

Nylon construction with stainless steel plunger rod & PTFE seals

Complete with 2" polypropylene bung adaptor

Suitable for use on 210 litre drums

### WETTED COMPONENTS

Nylon, Polypropylene, Stainless Steel & PTFE

### ORDERING INFORMATION

CAT NR.	BOX QTY.
CMP/12	10

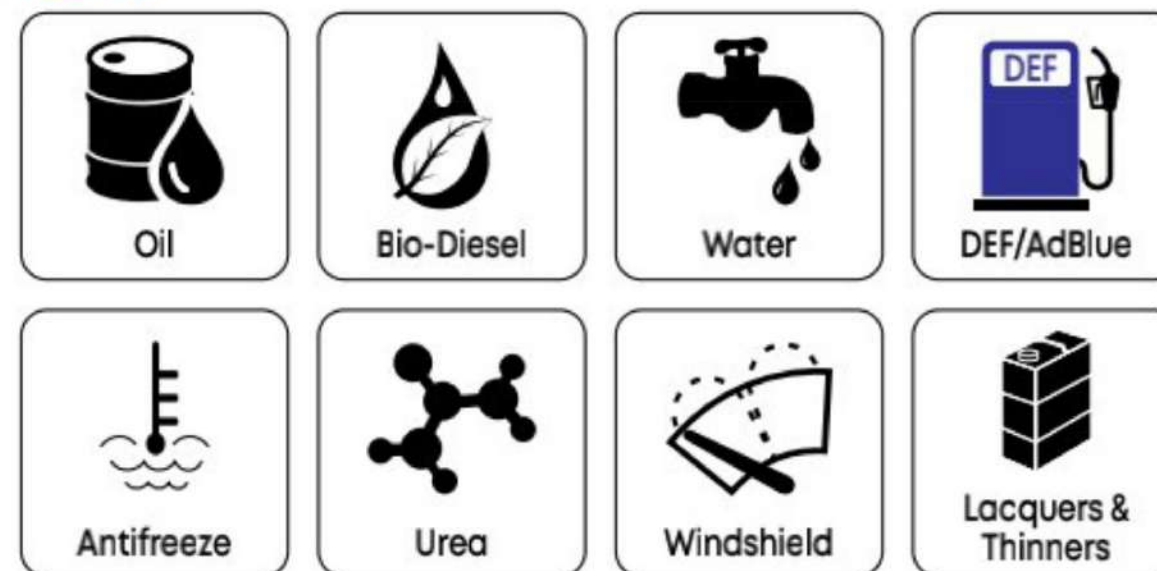
### RECOMMENDED USE

Lacquer, Thinners, Detergents, Glycerine, Water, Weed Killer, Brake Klean, Mild Acids & Petroleum Based Media

### DO NOT USE WITH

Strong Acids, Bleach & Petrol

### FLUIDS


**210**

## Plastic Rotary Pump

**PRP-01**


Special application pump designed to be used with a wide variety of media that cannot be pumped using a regular cast iron or steel pump

Body made from glass filled polypropylene with ryton vanes

Viton rubber seal & stainless steel hardware

Complete with 3 pc threaded suction tube suitable for use on 50-210 litre drums

### WETTED COMPONENTS

Polypropylene, Ryton, Viton & Stainless Steel

### RECOMMENDED USE

Water based media, acids, chemicals, detergents, benzene, glycerine etc.

### DO NOT USE WITH

Acetone, Lacquer, Mineral Oils, Solvents, Turpentine etc.

### ORDERING INFORMATION

CAT NR.	BOX QTY.
PRP/01	6





**211**

## Rotary Drum Pump Stainless Steel

**GNB-SS**


Superior quality stainless steel hand operated rotary drum pump

Choice of construction materials: Stainless steel body with stainless steel bung & suction tube

Rotor with PTFE vanes & seals makes it resistant to corrosion & useful for transferring a wide Variety of fluids such as water based media, chemicals, all petroleum products etc.

Superior machining of vanes ensures better draw & smooth delivery

Fits 50 to 205 litres (15 to 55 gallon drums)

Comes complete with

- Pump Body
- 2" Bung Adaptor
- Handle
- Discharge Spout
- 3 pc Suction tube

### WETTED COMPONENTS

Stainless Steel 304, PTFE

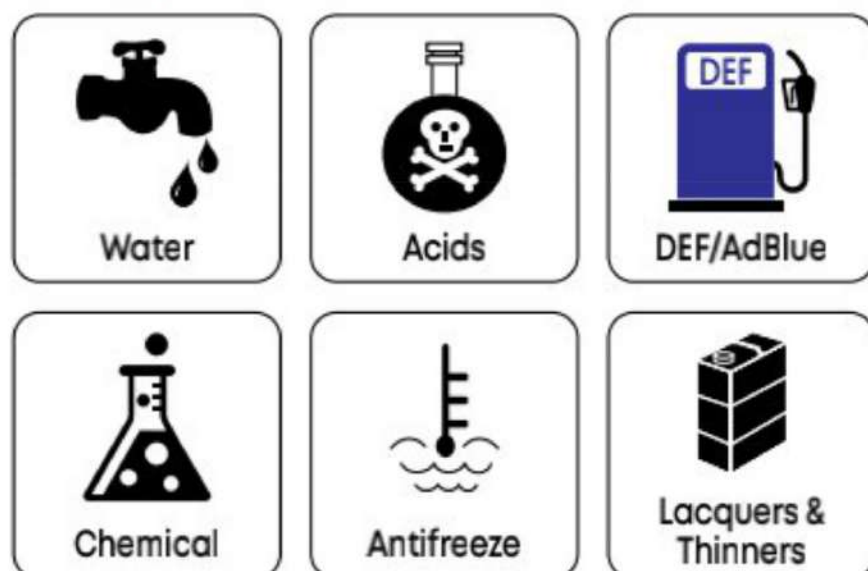
### RECOMMENDED USE

Water based media, antifreeze, acids, chemicals, all petroleum based products, lacquer, thinner, urea, adblue, DEF

### DO NOT USE WITH

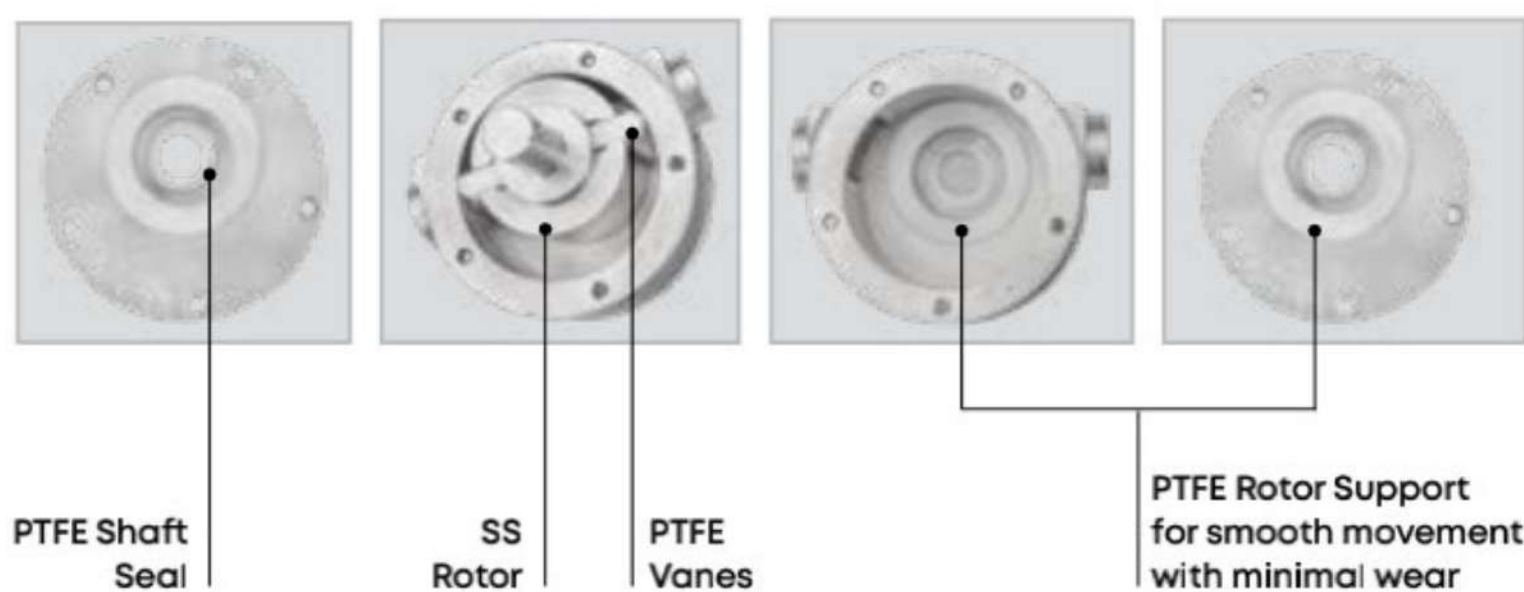
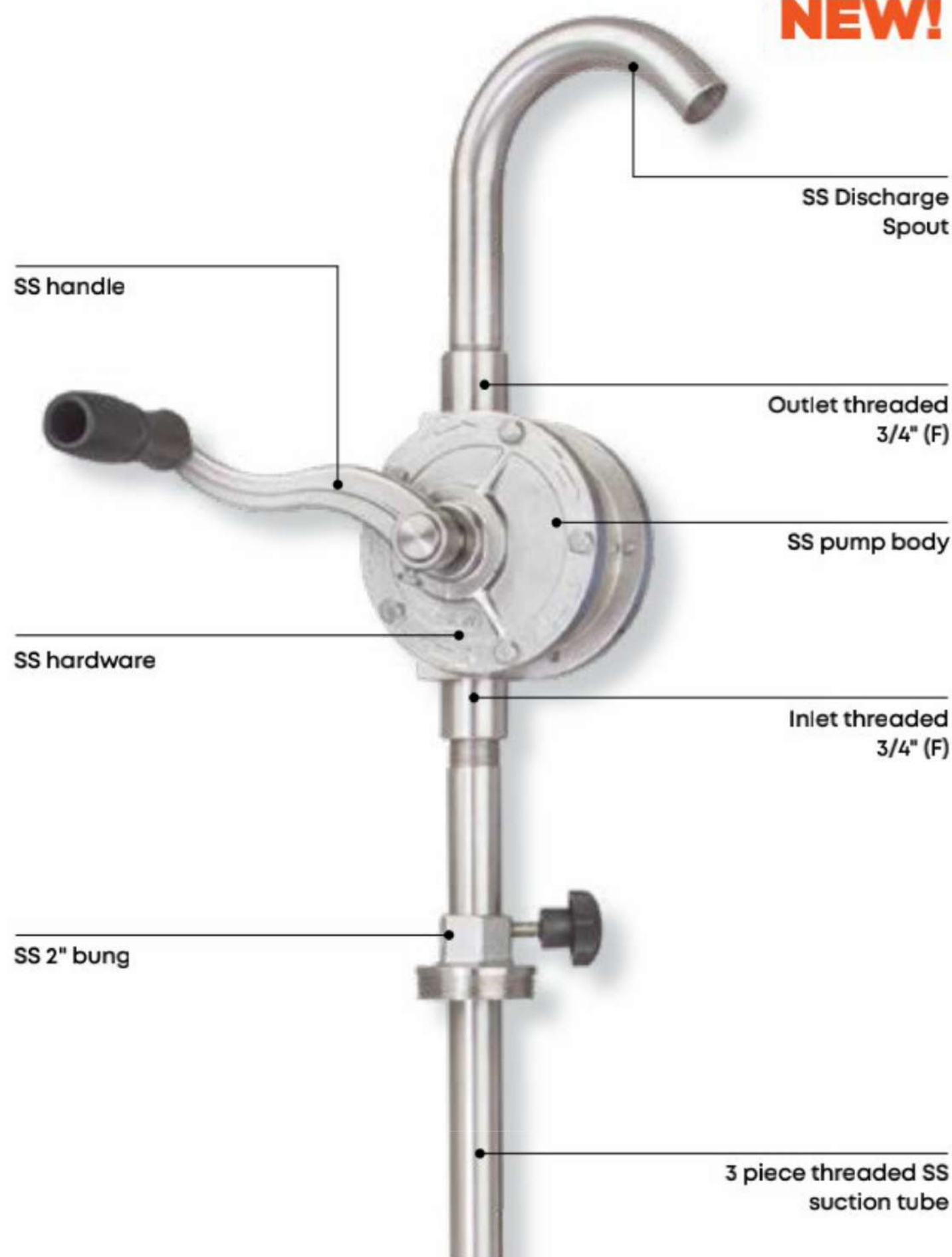
Hydrochloric acid, Sulphuric acid etc.

### FLUIDS



### ORDERING INFORMATION

CAT NR.	PUMP INLET/OUTLET	BOX QTY.
GNB/SS/25/3R/SPL	3/4" (F)	4

**NEW!**




**212**

## Plastic Lever Pump Value

**PLP-20**


Lever Action Drum Pump suitable for use with fluids of varying viscosities

### Construction:

Polypropylene body, handle and outlet spout

Stainless Steel piston rod and Viton seal

Strainer built into suction tube inlet to keep contaminants away

### Complete with

- Two piece telescopic suction tube for use with 50-205 litres (15-55 gallons) drums
- Outlet spout

### WETTED COMPONENTS

Polypropylene, Viton, Stainless steel

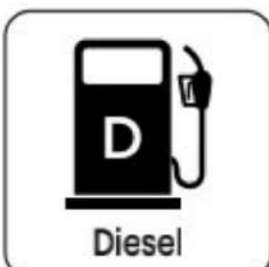
### RECOMMENDED USE

Petroleum-based non-corrosive liquids  
 Fuels: Diesel, Kerosene  
 Light oils, Low viscosity lubricants, Acetone, Anti-freeze, Ammonium Hydroxide, Glycerine, Alcohols,  
 Water, Water based chemicals. Weaker acids, Mild solvents and Alkaline solutions.

### DO NOT USE WITH

Lubricant or liquids above 100 cst or any media not compatible with materials used in the pump construction

### FLUIDS



### ORDERING INFORMATION

CAT NR.	BOX QTY.
PLP/20	10

**NEW!**


### VARIABLE HANDLE SETTING

FLOW SETTING	LOW FLOW <b>1</b>	MEDIUM FLOW <b>2</b>	HIGH FLOW <b>3</b>
FLOW RATE*	Upto 270 ml (9 Oz.) /Stroke	Upto 350 ml (12 Oz.) /Stroke	Upto 430 ml (15 Oz.) /Stroke
TYPE OF FLUIDS	Lubricants or liquids under 35 cst	Anti-freeze, Alcohols, Water, Water based chemicals, low viscosity lubricants	Diesel, Kerosene, Petroleum-based non-corrosive liquids upto 100 cst

\* Measured at pump outlet.  
 Tested using water

Telescopic Suction Tube  
 24-3/8"—35-1/2"  
 (620-900 mm)

Strainer



Easy to use, polyethylene pumps siphon liquids to lower levels than the height at which the pump is installed

These are easy to prime & start within 6-7 strokes

Pump requires no further operation & keeps working in auto position.

All pumps are equipped with a vent cap on top. Opening the cap stops discharge

To dispense media at levels higher than the pump, pump below needs to be continuously operated

Supplied complete with flexible corrugated discharge tube

#### RECOMMENDED USE

Water-based fluids, detergents, waxes, soaps, antifreeze, some mild acids, and other liquids compatible with pump construction materials  
Pump should only be used with light weight & non-flammable liquids

#### DO NOT USE WITH

Any media not compatible with materials used in the pump construction



#### FLUIDS



#### VARIANTS

SPH/1	SPH/2	SPH/3
<b>WETTED COMPONENTS</b> Polyethylene	<b>WETTED COMPONENTS</b> Polyethylene & Polypropylene	<b>WETTED COMPONENTS</b> Polyethylene & Polypropylene

#### WARNING

- Pumps must never be used with hot media at temperatures above 60°C (140°F)
- These pumps must never be used with concentrated acids, Acetone, Benzene etc.

#### ORDERING INFORMATION

CAT NR.	ORD NR.	FLOW RATE		BUNG	FITS	DISCHARGE HOSE LENGTH		BOX QTY.
		(LPM)	(GPM)			(INCH)	(MM)	
★ SPH/1	44400	6.5	2	1-1/2" for use with pails	5-20 litre / 5 gal. pails	21.69	551	25
★ SPH/2	44401	17.5	5	2" for use with drums	205 litre / 55 gal. drums	46.45	1180	25
★ SPH/3	44402	21	7	2" for use with drums	205 litre / 55 gal. drums	47.70	1212	25