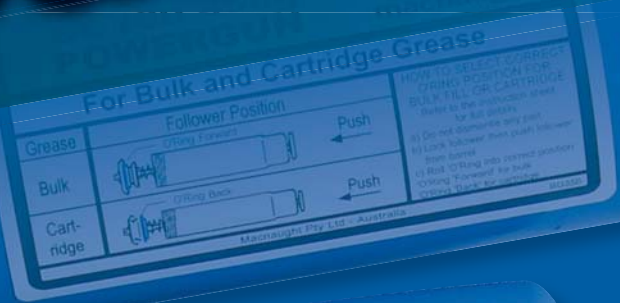





**m**  
macnaught

# lubrication & greasing equipment



A close-up photograph of a metallic, cylindrical component, likely part of a pump or hose reel. The component is silver-colored and has a blue sticker with the Macnaught logo. The background is a solid blue color. The logo consists of a stylized white 'm' with a blue drop shape at the bottom right, and the word 'macnaught' in white lowercase letters below it.

Established in 1948 by Colin Macnaught, Macnaught Pty. Ltd. is a 100% Australian-owned company which designs and manufactures a wide range of lubrication and fluid transfer equipment including grease pumps and guns, oil pumps and guns, fuel pumps, hose reels and flow meters. These products are sold into the agricultural, industrial, automotive, mining, aviation and marine industries around the world.



Macnaught has built a strong reputation for designing and manufacturing innovative, high quality, durable products that are well supported with technical advice and service. A 10 year warranty is offered on “Macnaught Design” products and the availability of spare parts for these products is guaranteed for 10 years. Furthermore, all products are supported by a network of authorised service centres.

Through enhanced R&D, manufacturing, warehousing and distribution capabilities, as well as through the ongoing design and development of new products, Macnaught is well positioned for substantial growth.

Macnaught is an environmentally responsible manufacturer that is committed to:

- Efficient energy use practices and production efficiency
- Waste minimisation and recycling
- Pollution prevention
- Preservation of the local environment and surrounding ecosystems
- Research and development on the environmental performance of Macnaught products
- Meeting and exceeding applicable legislation and regulations

Through the active participation of all employees in Macnaught's Environmental Management System, Macnaught demonstrates its commitment to responsible environmental management and continuous improvement.

Macnaught is strongly committed to export markets, with products and packaging tailored specifically to individual market needs and supported by a distribution network in over seventy countries worldwide. Its distributors are market leaders in their respective countries and their extensive knowledge of the complete product range means that assistance, parts and servicing is never too far away. In addition to its head office, design, and manufacturing facility in Australia, Macnaught has affiliate offices in the USA and the UK.



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## greasing equipment - hand operated

# flexigun®

**K29 450 g (15.9oz)**

**K29C All-weather version 450g (15.9 oz)**

**K29-Z Zinc version 450 g (15.9oz)**

**K32 400 g (14.5oz)**

A classic Macnaught grease gun, the Flexigun® incorporates a unique variable stroke operation, able to reach increased greasing pressures from short strokes and increased greasing volumes from full strokes.



### Features

- pistol grip design for one handed operation
- 230 mm (9") flexible extension and KY coupler
- refillable by cartridge, bulk or J2 grease pump
- also available in a complete greasing kit (FGK1, K29-12, K29C-12)
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel and nitrile rubber (and zinc for model K29-Z)
- **maximum pressure:**  
up to 52 000 kPa (7 500 psi, 520 bar),
- **output:**  
0.68 g per shot

### Accessories

- KZD Needlenose Coupler
- KZHY Hyperdermic Needlepoint Coupler
- KFR Rigid/Flexible Extension
- KDF13 Flexible Extension

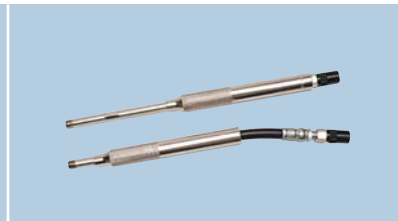
K29-12 Greasing Kit



KZD Needlenose Coupler



KFR Rigid/Flexible Extension



## greasing equipment - hand operated

# levergun™

**K40 400 g (14.5oz)**

**K45 450 g (15.9oz)**

Designed for high pressure, high volume greasing, this lever action grease gun can easily clear blocked or damaged grease nipples.

### Features

- 170 mm (6 3/4") rigid extension and KY coupler
- refillable by bulk, cartridge or J2 grease pump
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

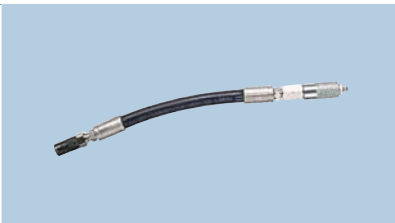
- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel and nitrile rubber
- **maximum pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar),
- **output:**  
1.5 g per shot

### Accessories

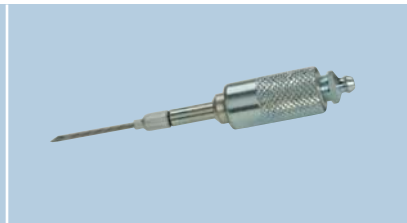
- KZD Needlenose Coupler
- KZHY Hyperdermic Needlepoint Coupler
- KFR Rigid/Flexible Extension
- KDF13 Flexible Extension



KDF13 Flexible Extension



KZHY Hyperdermic Needlepoint Coupler



## greasing equipment - hand operated

# minilube®

### K7

A portable greasing system designed for use on-site or in workshop environments. Macnaught produces models to suit pail sizes from 2.5 kg (5 lbs) to 5 kg (11 lbs) with depths of 146 mm to 225 mm.

#### Features

- spring loaded system - 30 shots of grease per prime
- high pressure, high volume KR grease gun
- 1.5 m (5 ft) x 12 mm (1/2") ID delivery hose
- rubber edged follower
- 360° swivel to prevent hose kinking
- fully sealed to prevent contamination
- complete set with refillable containers K6-24 (2.5 kg , 5 lbs) or K6-67 (5 kg, 11 lbs) available
- refillable containers also available separately (KT5, KT6)
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

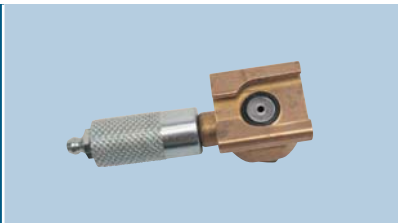
- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel, brass and nitrile rubber
- **gun pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar) on high pressure
- **output:**  
approx. 1.25 g on the high volume setting  
approx. 0.45 g on the high pressure setting

#### Accessories

- KT5 (2.5 kg)/KT6 (5 kg) Grease Container
- KZD Needlenose Coupler
- KZHY Hyperdermic Needlepoint Coupler
- KFR Rigid/Flexible Extension
- KDF13 Flexible Extension
- KSR Standard Buttonhead Coupler



KSR Standard Buttonhead Coupler



KT5 Grease Container





## greasing equipment - hand operated

# superlube™

### K3

Designed for powerful and professional greasing, the SUPERLUBE™ is a cost effective solution for all workshop greasing requirements. Macnaught produces models to suit pails from 12.5 kg (28 lbs) up to 22 kg (48 lbs) with depths of 310 mm to 430 mm.

#### Features

- spring loaded system - 60 shots of grease per prime
- high pressure, high volume KR grease gun
- 3 m (10 ft) x 12 mm (1/2") ID delivery hose
- rubber edged follower
- 360° swivel to prevent hose kinking
- fully sealed to prevent contamination
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel, brass and nitrile rubber
- **gun pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar) (on high pressure)
- **output:**  
approx. 1.25 g on the high volume setting  
approx. 0.45 g on the high pressure setting

#### Accessories

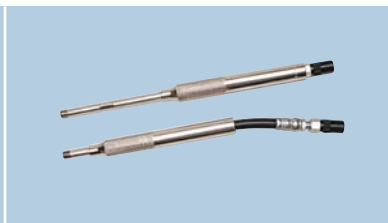
- KZD Needlenose Coupler
- KZHY Hyperdermic Needlepoint Coupler
- KFR Rigid/Flexible Extension
- KDF13 Flexible Extension
- TR5 Trolley



TR5 Trolley



KFR Rigid/Flexible Extension



greasing equipment - hand operated

# grease transfer pump

## J2 Grease Pump J2B Bucket Pump

An economical solution for refilling most standard grease guns using larger grease pails from 12.5 kg (28 lbs) up to 22 kg (48 lbs), with depths of 315 mm to 390 mm. Ideal for refilling Macnaught grease gun models K29, K2C, K32, K45, K40, K53, K54, as well as grease containers KT5 and KT6.

### Features

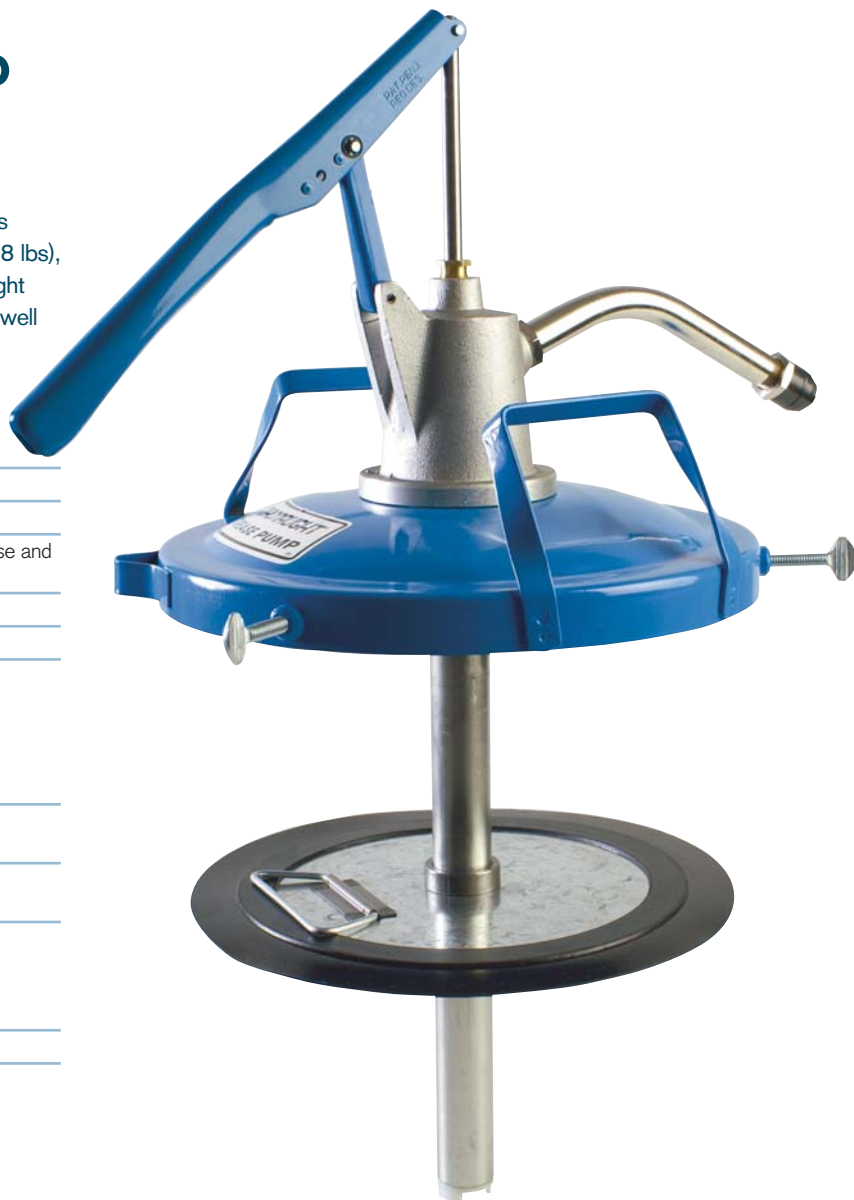
- suits 9mm (3/8") diameter grease gun filler bleeder
- rubber edged follower
- fully sealed to prevent contamination
- model J2B supplied with 1.5 m (5 ft) x 12 mm (1/2") ID delivery hose and 6 mm (1/4") BSP male thread instead of the filler tube and nozzle
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel, brass and nitrile rubber
- **output:**  
delivers 54 g per stroke (1.9 oz per stroke)

### Accessories

- GBP1 Grease Bearing Packer
- TR5 Trolley



TR5 Trolley



GBP1 Grease Bearing Packer



## greasing equipment - air operated

# powerpistol™

**K53 450 g (15.9 oz) cartridge**

**K54 400 g (14.5 oz) cartridge**

A single-shot grease gun that combines portability with effortless air-powered operation. Utilising the air brake compressor, it is ideal to use on trucks and buses.



### Features

- one handed, trigger operation
- refillable by cartridge, bulk or J2 grease pump
- low air consumption
- 230 mm (9") flexible extension (KF9) and KY coupler
- fully serviceable
- 10 year warranty and parts guarantee

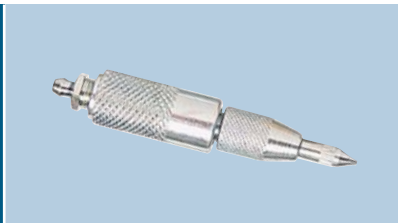
### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel, brass and nitrile rubber
- **output:**  
approx. 0.7 g per shot
- **pressure ratio:**  
50:1 (grease pressure is 50 times air pressure)
- **max. air pressure:**  
825 kPa (120 psi, 8 bar) (recommended is 620 kPa, 90 psi, 6 bar)
- **min. air pressure:**  
275 kPa (40 psi, 2.75 bar)
- **min. compressor size:**  
0.026 m<sup>3</sup>/min (1 cfm)
- **air inlet:**  
1/4" BSP (M)

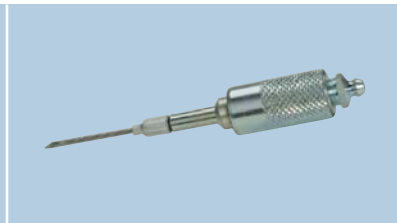
### Accessories

- KZD Needlehose Coupler
- KZHY Hyperdermic Needlepoint Coupler
- KFR Rigid/Flexible Extension

KZD Needlehose Coupler



KZHY Hyperdermic Needlepoint Coupler



## greasing equipment - air operated

# powerlube®

### P3

The P3 POWERLUBE® is the ultimate in high pressure, air-powered greasing. With models available to suit containers from 12.5kg (28 lbs.) to 22 kg (48 lbs.), it is fitted with a 50:1 ratio air motor which can run off most small compressors to provide fast, continuous greasing.

#### Features

- quiet, non-corroding air motor
- low air consumption
- no air line lubricator required
- rubber edged follower plate
- 4m (13 ft) x 6 mm (1/4") ID delivery hose
- B2 booster gun with 360° ZSB swivel
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
- **output:**  
approx. 460 g/min (16 oz/min)
- **max. air pressure:**  
1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:**  
400 kPa (60 psi, 4 bar)
- **min. compressor size:**  
0.08 m<sup>3</sup>/min (3 cfm)
- **air inlet/fluid outlet:**  
1/4" NPT (F)
- **pump ratio:**  
50:1 (grease pressure is 50 times air)
- **B2 gun pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar)  
(boost pressure)
- **hose thread:**  
1/4" NPT (M)



#### Accessories

- TR5 Trolley
- PDF13 Push On Extension
- PDF21 Push On Extension
- TA-7K Filter & Regulator Kit
- KZDXL Straight Needlepoint Coupler
- KRV Pressure Release Valve

TA-7K Filter & Regulator Kit



TR5 Trolley



## greasing equipment - air operated

# maxilube®

### P6

The P6 MAXILUBE® offers the same features & benefits as the P3 POWERLUBE®, but has models available to suit grease containers from 50 kg (110lbs) to 55 kg (120lbs).

#### Features

- quiet, non-corroding air motor
- low air consumption
- no air line lubricator required
- rubber edged follower plate
- 4m (13 ft) x 6 mm (1/4") ID delivery hose
- B2 booster gun with 360° ZSB swivel
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
- **output:**  
approx. 460 g/min (16 oz/min)
- **max. air pressure:**  
1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:**  
400 kPa (60 psi, 4 bar)
- **min. compressor size:**  
0.08 m<sup>3</sup>/min (3 cfm)
- **air inlet/fluid outlet:**  
1/4" NPT (F)
- **pump ratio:**  
50:1 (grease pressure is 50 times air pressure)
- **B2 gun pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar)
- **hose thread:**  
1/4" NPT (M)

#### Accessories

- TR6 Trolley
- PDF13 & PDF21 Push On Extension
- TA-7K Filter & Regulator Kit
- KZDXL Straight Needlepoint Coupler
- KRV Pressure Release Valve



TR6 Trolley

KZDXL Straight Needlepoint Coupler



## greasing equipment - air operated

# maxilube®

### P8

The P8 MAXILUBE® is a larger version of the P6, designed to fit 180 kg (400 lbs) grease containers.

#### Features - P8-01 Pump only

- quiet, non-corroding air motor
- low air consumption
- no air line lubricator required

#### Features - P8-11 Complete system

- drum lid
- rubber edged follower plate with built-in release valve and removal system
- 2.5 m (8 ft.) x 6 mm (1/4") ID delivery hose
- B2 booster gun with 360° ZSB swivel
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
- **output:**  
approx. 460 g/min (16 oz/min)
- **min. air pressure:**  
400 kPa (60 psi, 4 bar)
- **min. compressor size:**  
0.08 m<sup>3</sup>/min (3 cfm)
- **air inlet:**  
1/4" NPT (F)
- **pump outlet:**  
1/4" NPT (F)
- **pump ratio:**  
50:1 (grease pressure is 50 times air pressure)
- **B2 gun pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar)
- **hose thread:**  
1/4" NPT (M)



P8-01

#### Accessories

- PDF21 Push On Extension
- ACK2 Aviation Kit
- MCFK1 All-purpose Air Greasing Kit
- TR205 Trolley

MCFK1 All-purpose Air Greasing Kit



TR205 Trolley



greasing equipment - air operated

## highflow grease pump

### R5000G

This highflow grease pump is fitted with a 58:1 ratio air motor and is designed to fit 180 kg (400lbs) grease containers. With a grease output of up to 6.8kg per minute (free flow), it is ideal for large system installations such as service bays.

#### Features - R5000G Pump only

- strong metal 4" diameter air motor
- aluminium alloy pump body with built-in silencer for quiet operation
- reduced ice build up in cold weather
- air line lubricator

#### Features - R5000GPLF Complete system

- drum lid
- rubber edged follower plate with built-in release valve and removal system
- 2.5 m (8 ft.) x 6 mm (1/4") ID delivery hose
- B2 booster gun with 360° ZSB swivel
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
zinc and hard chrome plated carbon steel, nitrile and polyurethane rubber
- **output:**  
approx. 6.8 kg/min (15 lb/min) (free flow at the pump)
- **max. air pressure:**  
1030 kPa (150 psi, 10.3 bar)
- **min. air pressure:**  
400 kPa (60 psi, 4 bar)
- **min. compressor size:**  
0.22 m<sup>3</sup>/min (8 cfm)
- **air inlet:**  
1/4" NPT (F)
- **pump outlet:**  
3/8" BSPT or NPT
- **pump ratio:**  
58:1 (grease pressure is 58 times air pressure)
- **B2 gun pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar)
- **hose thread:**  
1/4" NPT (M) (adapter supplied)



MCFK1 All-purpose Air Greasing Kit



PDF13 Push on Extension



## grease equipment - battery operated

# powergun™

### BG100

With its ergonomic design and battery powered operation, the BG100 POWERGUN™ makes routine greasing quicker and easier. It is ideal for any workplace environment where portability and continuous greasing is required.



#### Features

- continuous grease flow
- 762 mm (30") flexible extension for hard to reach areas
- quick 1 hour battery recharge
- up to 3 cartridges per charge
- includes carry case, battery charger and spare battery
- refillable by cartridge or bulk
- available in 400g and 450g models
- fully serviceable
- 10 year warranty and parts guarantee  
(12 months on battery and charger, 5 years on electric motor)

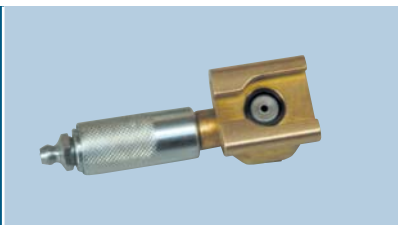
#### Accessories

- KZD Needlenose Coupler
- KZHY Hyperdermic Needlepoint Coupler
- KFR Rigid/Flexible Extension
- KSR/KGR Buttonhead Coupler

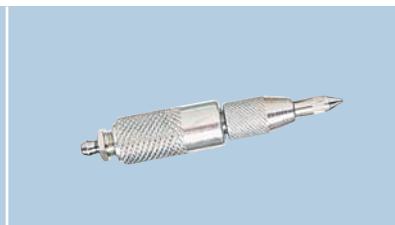
#### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel and nitrile rubber
- **output:**  
100 g /min (3.5 oz/min) free flow
- **maximum pressure:**  
34 500 kPa (5 000 psi, 345 bar)
- **minimum temp:**  
0°C (32°F)
- **maximum temp:**  
50 °C (122 °F)
- **battery voltage:**  
12 V NiCad
- **battery capacity:**  
1300 mAh
- **est. output per battery charge:**  
up to 3 cartridges

KGR Buttonhead Coupler



KZD Needlenose Coupler





## greasing equipment - dispensing guns

# booster gun

B2



Suitable for air powered greasing equipment, the B2 booster gun comes standard with the P3 POWERLUBE®, P6 and P8-11 MAXILUBE®, and the R5000GPLF greasing systems.

### Features

- boosts output pressure to 69 000 kPa (10 000 psi) with a few trigger presses
- 360° swivel to prevent hose kinking
- also available with trigger safety guard (B2-SG)
- fully serviceable
- 10 year warranty and parts guarantee

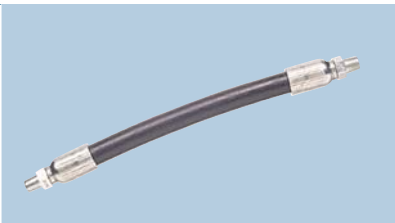
### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
mild steel, nitrile rubber and teflon
- **max. operating pressure:**  
69 000 kPa (10 000 psi, 690 bar)
- **swivel inlet:**  
1/4" NPT (F)

### Accessories

- PF9 Flexible Extension
- PF17 Flexible Extension

PF9 Flexible Extension



# pressurite™ gun

KR



Suitable for manual greasing equipment, the KR Pressurite™ gun comes standard with the K3 SUPERLUBE® and K6 MINILUBE® greasing systems.

### Features

- high volume or high pressure greasing options
- 360° swivel to prevent hose kinking
- fully serviceable
- 10 year warranty and parts guarantee

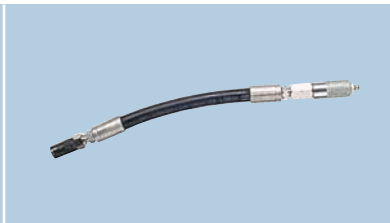
### Specifications

- **grease viscosity:**  
up to NLGI No.2
- **wetted components:**  
aluminium, steel, nitrile rubber and teflon
- **gun pressure:**  
up to 69 000 kPa (10 000 psi, 690 bar) on high pressure setting
- **output:**  
approx. 1.25 g on the high volume setting  
approx 0.45 g on the high pressure setting
- **swivel inlet:**  
12 mm (1/2") ID hose

### Accessories

- KF9 Flexible Extension/KDF13 Flexible Extension
- KZD Needlenose Coupler/KZHY Hyperdermic Needlepoint Coupler

KDF13 Flexible Extension



## fuel transfer equipment - hand operated

# rapidflo™

### GP

The GP RAPIDFLO™ is a durable impeller pump incorporating a gearbox for high output (up to 100 L/min) and easy operation. Designed for 205 L (55 US gal) or 60 L (16 US gal) drums, this pump is ideal for high volume fuel transfer.

#### Features

- pumps easily in both directions
- 2.4 m (8 ft) anti-static rubber delivery hose and nozzle
- 1.06 m (3.5 ft) two-piece threaded suction tube
- lockable handle and built-in nozzle holder
- built-in strainer
- 50 mm (2") bung adaptor
- GP-01-BD biodiesel version also available
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:**  
diesel, petrol, av gas, kerosene, lubricating oils up to SAE 30 and biodiesel (GP-01-BD only)
- **wetted components:**  
aluminium, steel, nitrile (except GP-01-BD) and viton rubber
- **output:**  
approx. 0.8 L per rotation  
up to 100 L/min (26 US gal/min)

#### Accessories

- GB Fuel Filter (10 µm) - not suitable for biodiesel
- DM100 Fuel Meter
- DG-01 Connector Kit
- HNU Nozzle



GB Fuel Filter



DM100 Fuel Meter



## fuel transfer equipment - hand operated

# litrestroke™

### HP

With an output of 40 L per minute, this lever action pump is suitable for most common fuel transfer tasks. It fits either 60 L (16 US gal) or 205 L (55 US gal) drums.

#### Features

- 2.4 m (8 ft) anti-static rubber delivery hose
- HNU nozzle supplied for unleaded petrol
- 1 m (3.3 ft) two piece threaded suction tube
- lockable handle and built-in nozzle holder
- 50 mm (2") bung adaptor
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:**  
diesel, petrol, kerosene and lubricating oils up to SAE 30
- **wetted components:**  
steel, acetal, zinc and nitrile rubber
- **output:**  
approx. 1 L (1 quart) per stroke  
up to 40 L/min (10 US gal/min)

#### Accessories

- HA Fuel Filter 10 µm
- DM100 Fuel Meter
- DH-01 Connector Kit



HA Fuel Filter



DM100 Fuel Meter



fuel transfer equipment - hand operated

# rotary vane pump with hose

## PVRH

An economical rotary pump designed to dispense various types of fuels and lubricating oils up to 20 L (5 US gal) per minute from 60 L (16 US gal) to 205 L (55 US gal) drums.

### Features

- rotary action allows for pumping in both directions
- telescopic suction tube
- 2" sliding bung adaptor
- 1.8 m (6 ft) delivery hose with metal nozzle
- nozzle holder
- 5 year warranty

### Specifications

- **compatible fluids:**  
diesel, kerosene and lubricating oils up to SAE 90
- **wetted components:**  
aluminium, steel, plastic and nitrile rubber
- **output:**  
up to 20 L/min (5 US gal/min)

### Accessories

- VA Fuel Filter (10 µm)
- DM100 Fuel Meter
- DV Connector Kit



VA Fuel Filter

DV Connection Kit



## fuel transfer equipment - electric

# electric diesel pump

- GE12M 12V DC (Manual)
- GE12A 12V DC (Automatic)
- GE24M 24V DC (Manual)
- GE24A 24V DC (Automatic)

A range of 12 or 24volt vane style pumps designed for the transfer of diesel and kerosene from storage tanks or drums into farm, transport and earthmoving vehicles.

### Features

- continuous duty cycle
- built-in fan and pressure relief valve
- self priming
- detachable nozzle holder
- 3-piece suction tube
- 5 year warranty

### Specifications

- **compatible fluids:**  
diesel and kerosene
- **consumption:**  
18-24 amps – 12 volt  
9-17 amps – 24 volt
- **inlet/outlet thread**  
3/4" BSP
- **output:**  
50 L/min (13 US gal/min) - free flow

### Accessories

- TM Fuel Meter
- HA1S Filter (10 µm)
- DF-01 Connector Kit



\* Drum not included

TM Fuel Meter



HA1S Fuel Filter



fuel transfer equipment - electric

# high flow electric diesel pump

GEHF12M 12V DC (Manual)  
GEHF12A 12V DC (Automatic)

With an output of 75 L per minute, this high flow version of the standard electric diesel pump also comes with both suction and delivery hose.

## Features

- continuous duty cycle
- built-in fan and pressure relief valve
- self priming
- key lock start
- 1.7 m (5 ½ ft) x 25 mm (1") ID suction hose
- 4 m (13 ft) x 25 mm (1") ID delivery hose
- 5 year warranty

## Specifications

- **compatible fluids:**  
diesel and kerosene
- **consumption:**  
35-53 amps
- **inlet/outlet thread**  
1" BSP
- **output:**  
75 L/min (20 US gal/min) - free flow



\* Drum not included

## Accessories

- TM Fuel Meter
- HA1S Filter 10 µm
- DF-01 Connector Kit
- DM100 Fuel Meter

DM100 Fuel Meter



HA1S Fuel Filter



## fuel transfer equipment - electric

# high flow mini bowser

**GEMB240A50 (50L/min)**  
**GEMB240A80 (80L/min)**

The 240 volt AC mini bowser is a complete diesel refilling system with two flow rate models available.

### Features

- built-in flow meter (accuracy +/-1%)
- automatic nozzle
- nozzle holder with built-in shut-off
- 4 m (12 ft) x 25 mm (1") ID delivery hose
- built-in pressure relief valve
- IP55 rating
- thermal overload protection
- 5 year warranty

### Specifications

- **compatible fluids:**  
diesel
- **output:**  
50 L/min (13 US gal/min) (free flow) - GEMB240A50  
80 L/min (21 US gal/min) (free flow) - GEMB240A80

### Accessories

- GE071 Base Stand
- HA1S Fuel Filter



GEMB240A50

HA1S Fuel Filter



## oil transfer equipment - hand operated

# spring loaded pump

**S20H Spring Pump (20 L drums)**

**S60H Spring Pump (60 L drums)**

**S20HA Spring Pump with Filter (20 L drums)**

**S60HA Spring Pump with Filter (60 L drums)**

Automatically dispense engine and gear oils with the simple press of a trigger.

### Features

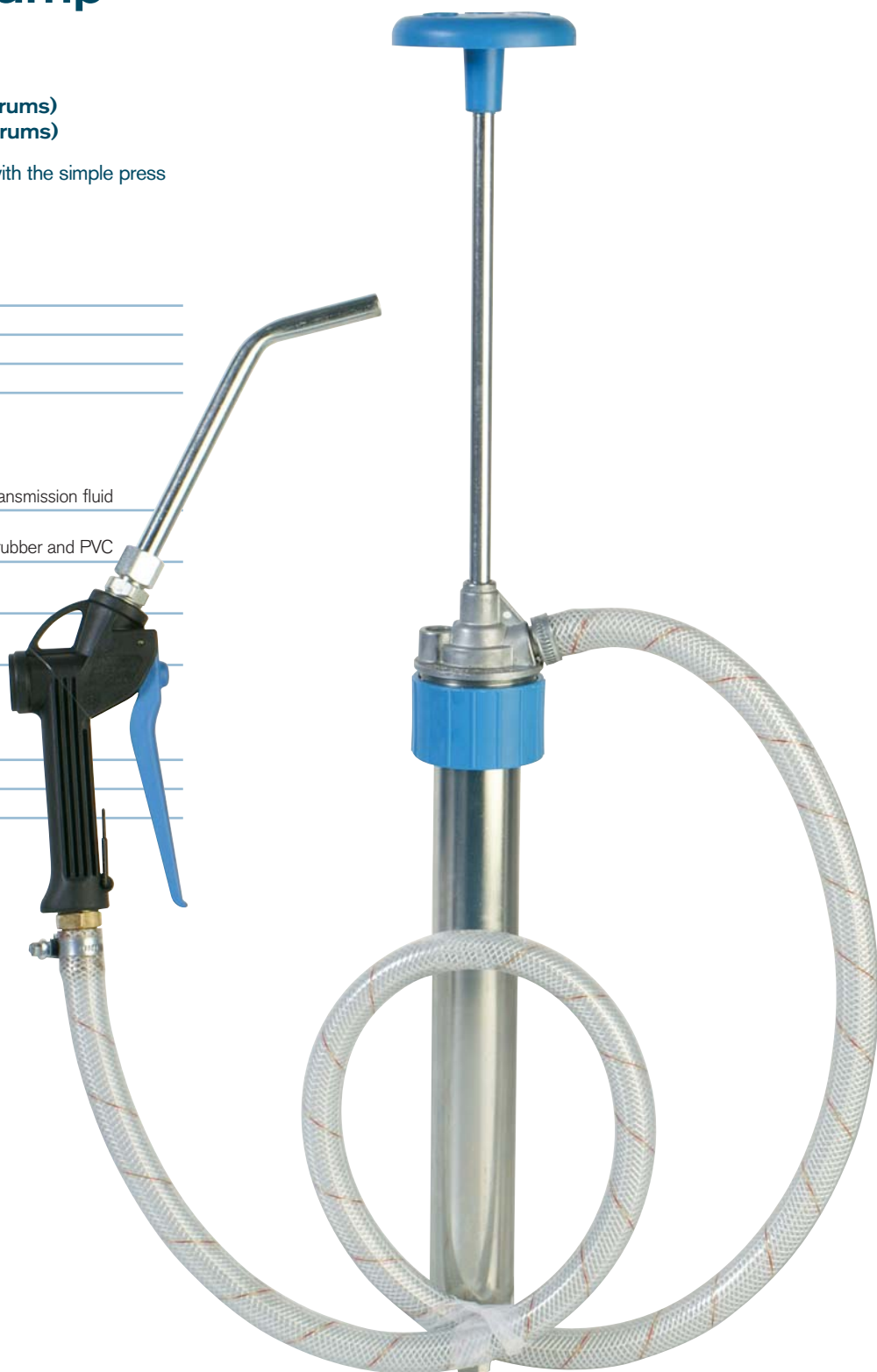
- oil drain back facility on pump head
- kink resistant hose
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:**  
engine and gear oils up to SAE 140, automatic transmission fluid
- **wetted components:**  
aluminium, steel, zinc, brass, polypropylene, nitrile rubber and PVC
- **output (20 L model):**  
340 mL per stroke (3 strokes per L)
- **output (60 L model):**  
500 mL per stroke (2 strokes per L)

### Accessories

- TR60 Trolley (60 L drums)
- TR6 Trolley (60 L drums)
- TR5 Trolley (20 L drums)



TR60 Trolley

TR6 Trolley





oil transfer equipment - hand operated

## multi purpose pump

**A2 (pump only)**

**A2H (pump with hose)**

A classic Macnaught hand pump, the A2 and A2H is ideal for transferring a wide range of mineral oils and non-corrosive solvents and chemicals.

### Features

- telescopic suction tube fits 60 L (16 US gal) to 205 L (55 US gal) drums
- A2H supplied with 1.8 m (6 ft) delivery hose and nozzle
- Nitrile, viton and EPDM o-rings supplied (Nitrile fitted as standard)
- variable handle setting for light or heavy fluids
- built-in bung opener
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:** diesel, lubricating oils up to SAE 90 and other non-corrosive solvents and chemicals. Chemical compatibility chart supplied. To determine compatibility with liquids not listed, check with liquid supplier and quote wetted components listed below.
- **wetted components:** aluminium, steel, brass, Teflon and either Nitrile, Viton or EPDM depending on o-ring
- **output:** approx. 250 mL per stroke (4 strokes per L)



## oil pump

**C65P**

A low cost oil pump suitable for 20 litre containers

### Features

- built in oil drain back facility
- 1.5 m anti-kink hose
- non-drip dispensing nozzle

### Specifications

- delivers approximately 65 mL (14 strokes per litre) on the down stroke
- suitable for oils and non-corrosive liquids up to SAE140



## oil transfer equipment - hand operated

# oil pumps

### C4 Oil Pump C4-Z Zinc Oil Pump C4H Oil Pump with Hose

Pumps on the lift stroke, the C4 series pumps can be used with a wide variety of non-corrosive liquids and have been engineered for trouble-free use.

#### Features

- sliding bung adaptors - fit containers from 15 L (4 US gal) to 25 L (6 US gal)
- zinc versions are available for use in underground coal mines (C4-Z)
- 1.8 m (6 ft) hose and non-drip nozzle (model C4H)
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:** kerosene, two stroke mix and non-corrosive solvents up to SAE 30
- **wetted components:** aluminium, steel, nitrile, delrin and zinc (C4-Z)
- **output:** approx. 100 mL on the lift stroke



### C7 Oil Pump CF7 Oil Pump with Filter C7-Z Zinc Oil Pump

Pumps on the down stroke, the C7 series pumps can be used with a wide variety of mineral oils and have been engineered for trouble-free use.

#### Features

- sliding bung adaptors - fit containers from 15 L (4 US gal) to 25 L (6 US gal)
- 1.8m (6 ft) hose and non drip nozzle
- zinc versions are available for use in underground coal mines
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:** kerosene, two stroke mix and oils up to SAE 140
- **wetted components:** aluminium, steel, nitrile, delrin and zinc (C7-Z)
- **output:** approx. 100 mL on the down stroke



## oil transfer equipment - hand operated

# suction gun

### C16

Ideal for transferring mineral oils in and out of gearboxes, transfer cases and differentials, as well as evacuating sump out of an inboard marine engine.

#### Features

- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:**  
mineral oils up to SAE 90
- **capacity:**  
500 mL



C16

# gear oil pumps

### C11 Gear Oil Pump (205 L drums)

### C13 Gear Oil Pump (60 L drums)

The C11 and C13 pumps have been engineered for trouble free use with heavier gear oils.

#### Features

- 1.8 m (6 ft) delivery hose with non drip nozzle and built-in hose hanger
- optional CF strainer for auto transmission and hydraulic fluids
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:**  
gear oils up to SAE 140, auto transmission and hydraulic fluids (use CF strainer)
- **wetted components:**  
aluminium, steel, brass, nitrile and Teflon
- **output:**  
approx 75 mL per stroke

#### Accessories

- CF strainer



CF Strainer



## oil transfer equipment - air operated

# oilmaster<sup>®</sup> ratio oil pumps

### T112

Transfer oils up to 10 metres (33 ft) with this 1:1 ratio stub pump. Designed for inclusion in a workshop or mobile bulk oil transfer system and can be used with Macnaught's range of oil control guns.

#### Features

- quiet, non-corroding air motor
- low air consumption
- 2" (M) bung adaptor
- no air line lubricator required
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:** oils up to SAE 140, automatic transmission fluid, engine oil, gear oil and hydraulic oils
- **wetted components:** aluminium, zinc and hard chrome plated carbon steel, brass, nitrile and polyurethane rubber
- **pump ratio:** 1:1 (oil pressure is the same as air pressure)
- **output:** 27 L/min (7 US gal/min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
- **max. air pressure:** 1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. air compressor:** 0.3 m<sup>3</sup>/min, (10 cfm)
- **air inlet:** 1/4" NPT (F)
- **pump inlet:** 1" BSP or NPT (F) and 1" UNEF
- **pump outlet:** 3/4" BSP or NPT (F)

#### Accessories

- TB25S or TB26S Telescopic Suction Tube
- TD20 Wall Bracket
- TA-4K Pressure Regulator Kit



Fluid	Free flow (per min.) at pump outlet		Output (per min.) through 3 m (10 ft) x 19 mm (3/4") hose, and hose end oil delivery gun	
	Litres	US Gal	Litres	US Gal
Oil SAE 10	27	7.1	10	2.6
Oil SAE 30	23	6.1	8.5	2.2
Oil SAE 90	22	5.8	7	1.8

\*flow rates are a guide only and any variations can depend on system setup  
\*flow rates at 690 kPa (100 psi) air pressure

TB25S Telescopic Suction Tube



TD20 Wall Bracket



oil transfer equipment - air operated

# oilmaster<sup>®</sup> ratio oil pumps

## T312

Transfer oils up to 30 metres (98 ft) with this 3:1 ratio pump. Designed for inclusion in a workshop or mobile bulk oil system and can be used with Macnaught's range of oil control guns and hose reels.

### Features

- quiet, non-corroding air motor
- low air consumption
- 2" (M) bung adaptor supplied
- no air line lubricator required
- built-in pressure relief valve
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:** oils up to SAE 140, automatic transmission fluid, engine oil, gear oil and hydraulic oils
- **wetted components:** aluminium, zinc and hard chrome plated carbon steel, brass, nitrile and polyurethane rubber
- **pump ratio:** 3:1 (oil pressure is 3 times the air pressure)
- **output:** 15 L/min (4 US gal/min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
- **max. air pressure:** 1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **air inlet:** 1/4" NPT (F)
- **pump inlet:** 1" BSP or NPT (F) and 1" UNEF
- **pump outlet:** 3/4" BSP or NPT (F)

### Accessories

- TB25S or TB26S Telescopic Suction Tube
- TD20 Wall Bracket
- TA-7K Filter & Regulator Kit
- TD-25K Oil Feeder Hose



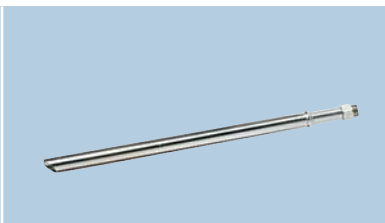
Fluid	Free flow (per min) at pump outlet		Output (per min) through 3m (30 ft) x 12.5 mm (1/2") hose, 10 m (33 ft) x 12.5 mm (1/2") hose reel and oil control gun	
	Litres	US Gal	Litres	US Gal
Oil SAE 10	15	4	10	2.6
Oil SAE 30	13	3.4	7	1.8
Oil SAE 90	10	2.6	6	1.6

\*flow rates are a guide only and any variations can depend on system setup  
\*flow rates at 690 kPa (100 psi) air pressure

TD-25K Oil Feeder Hose



TB26S Telescopic Suction Tube



## oil transfer equipment - air operated

# oilmaster<sup>®</sup> ratio oil pumps

### T512

Transfer oils up to 50 meters (165 ft) with this 5:1 ratio pump. Designed for inclusion in a workshop or mobile bulk oil system and can be used with Macnaught's range of oil control guns and hose reels.

#### Features

- quiet, non-corroding air motor
- low air consumption
- 2" (M) bung adaptor
- no air line lubricator required
- built-in pressure relief valve
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:** oils up to SAE 140, automatic transmission fluid, engine oil, gear oil and hydraulic oils
- **wetted components:** aluminium, zinc and hard chrome plated carbon steel, brass, nitrile and polyurethane rubber
- **pump ratio:** 5:1 (oil pressure is 5 times the air pressure)
- **output:** 15 L/min (4 US gal/min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
- **max. air pressure:** 1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. air compressor:** 0.08 m<sup>3</sup>/min. (3 cfm)
- **air inlet:** 1/4" NPT (F) F
- **pump inlet:** 1" BSP or NPT (F) and 1" UNEF
- **pump outlet:** 3/4" BSP or NPT (F)

#### Accessories

- TB25S or TB26S Telescopic Suction Tube
- TD20 Wall Bracket
- TA-7K Filter & Regulator Kit
- TB-20K Oil Feeder Hose



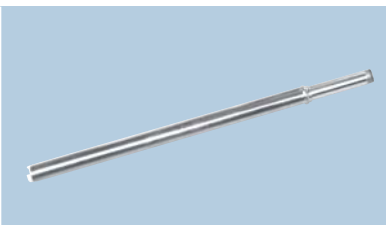
Fluid	Free flow (per min.) at pump outlet		Output (per min.) through 9 m (30 ft) x 12.5 mm (1/2") hose, 10 m (33 ft) x 12.5 mm (1/2") hose reel and oil control gun	
	Litres	US Gal	Litres	US Gal
Oil SAE 10	15	4.0	6	1.6
Oil SAE 30	13	3.4	5	1.4
Oil SAE 90	11	2.9	3.5	0.93

\*flow rates are a guide only and any variations can depend on system setup  
\*flow rates at 690 kPa (100 psi) air pressure

TD20 Wall Bracket



TB25S Telescopic Suction Tube



## oil transfer equipment - air operated

# r-series™ ratio oil pumps

- R100S – stub pump
- R100T – drum pump
- R100THG – complete system

A heavy duty 1:1 ratio pump designed to transfer oils up to 10 metres (33 ft) and can be used with Macnaught's range of oil control guns.

### Features

- fits 60 L (16 US gal) to 205 L (55 US gal) drums
- wall mountable (stub version only)
- air line lubricator
- 2" (M) bung adaptor
- complete system includes 3 m (10 ft) reinforced delivery hose and trigger action dispensing nozzle
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:** oils up to SAE 140, automatic transmission fluid, diesel, kerosene, anti-freeze/anti-boil
- **wetted components:** aluminium, nitrile rubber, Carbon PTFE, zinc plated carbon steel and brass
- **pump ratio:** 1:1 (oil pressure is the same as air pressure)
- **output:** 60 L/min (15.8 US gal/min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
- **max. air pressure:** 1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. air compressor:** 0.22 m<sup>3</sup>/min (8 cfm)
- **air inlet:** 1/4" NPT (F)
- **pump outlet:** 3/4" BSP or NPT (F)
- **foot valve inlet:** 1" BSP or NPT (F) (stub only)

### Accessories

- TA-7K Filter & Regulator Kit
- TB17S Suction Tube
- TD20 Wall Bracket



R100S

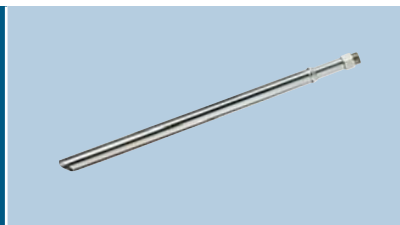


R100T

Fluid	Free flow (per min) at pump outlet		Output (per min) through 3 m (10 ft) x 19 mm (3/4") hose and HG20R oil control gun	
	Litres	US Gal	Litres	US Gal
Oil SAE 10	60	15.8	12	3.1
Oil SAE 30	50	13.3	9	2.3
Oil SAE 90	47	12.4	4	1.1
Oil SAE140	39	10.2	3	0.8
Diesel	58.5	15.5	13	3.4
Kerosene	57	15.1	11.5	3.0

\*flow rates are a guide only and any variations can depend on system setup  
\*flow rates at 690 kPa (100 psi) air pressure

TB17S Suction Tube



TD20 Wall Bracket



## oil transfer equipment - air operated

# r-series™ ratio oil pumps

**R300S – stub pump**

**R300T – drum pump**

A heavy duty 3:1 ratio pump designed to transfer oils up to 30 metres (98 ft) through a single dispensing point or through multiple hose reels and metered gun systems usually found in small to medium sized workshops.

### Features

- fits 60 L (16 US gal) to 205 L (55 US gal) drums
- wall mountable (stub version only)
- air line lubricator
- 2" (M) bung adaptor
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:** oils up to SAE 140, automatic transmission fluid, diesel, kerosene, anti-freeze/anti-boil, self collapsing grease (R300T only)
- **wetted components:** aluminium, nitrile rubber, Carbon PTFE, zinc plated carbon steel and brass
- **pump ratio:** 3:1 (oil pressure is 3 times air pressure)
- **output:** 23 L/min (6.1 US gal/min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
- **max. air pressure:** 1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. air compressor:** 0.16 m<sup>3</sup>/min (6 cfm)
- **air inlet:** 1/4" NPT (F)
- **pump outlet:** 3/4" BSP or NPT (F)
- **foot valve inlet:** 3/4" BSP or NPT (F) (stub only)

### Accessories

- TD42S Suction Tube
- TD-25K Oil Feeder Hose
- OLP100 Low Pressure Oil Reel
- TD20 Wall Bracket
- MOS1220 Single Pedestal Oil Reel



Fluid	Free flow (per min) at pump outlet		Output (per min) through 3 m (10 ft) x 19 mm (3/4") hose, 10 m (33 ft) x 12.5 mm (1/2") reel and HG60 oil control gun	
	Litres	US Gal	Litres	US Gal
Oil SAE 10	23	6.1	15	3.9
Oil SAE 30	20	5.2	9	2.3
Oil SAE 90	17	4.4	6	1.6
Oil SAE140	14	3.7	4	1.1
Diesel	23	6.1	18	4.7
Kerosene	22	5.8	17	4.5

\*flow rates are a guide only and any variations can depend on system setup  
\*flow rates at 690 kPa (100 psi) air pressure

MOS1220 Single Pedestal Oil Reel



OLP100 Low Pressure Oil Reel





## oil transfer equipment - air operated

# r-series™ ratio oil pumps

**R500S – stub pump**

**R500T – drum pump**

A heavy duty 5:1 ratio pump designed to transfer oils up to 50 metres (165 ft) through multiple hose reels and metered gun systems usually found in large workshops utilizing bulk tanks.

### Features

- suitable for 205 L (55 US gal) drums and bulk tanks
- built-in pressure relief valve
- wall mountable (stub version only)
- air line lubricator
- 2" (M) bung adaptor
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:** oils up to SAE 140, automatic transmission fluid, diesel, kerosene, anti-freeze/anti-boil, self collapsing grease (R500T only)
- **wetted components:** aluminium, nitrile rubber, Carbon PTFE, zinc plated carbon steel
- **pump ratio:** 5:1 (oil pressure is 5 times air pressure)
- **output:** 28 L/min (7.4 US gal/min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
- **max. air pressure:** 1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. air compressor:** 0.28 m<sup>3</sup>/min (10 cfm)
- **air inlet:** 1/4" NPT (F)
- **pump outlet:** 3/4" BSP or NPT (F)
- **foot valve inlet:** 1" BSP or NPT (F) and 1" UNEF (stub version)

### Accessories

- TB25S or TB26S Telescopic Suction Tube
- TA-7K Filter & Regulator Kit
- OMP100 Medium Pressure Oil Reel
- MOTP1220 Twin Pedestal Oil Reel



Fluid	Free flow (per min) at the pump		Output (per min.) through 30 m (98 ft) x 10 mm (3/8") metered oil control gun @ 690 kPa/100 psi (air)		Output (per min.) through 30 m (98 ft) x 12.5 mm (1/2") metered oil control gun @ 690 kPa/100 psi (air)	
	Litres	US Gal	Litres	US Gal	Litres	US Gal
Oil SAE 10	28	7.4	6.2	1.7	8.8	2.4
Oil SAE 30	27	7.2	4.05	1.1	6	1.6
Oil SAE 90	26	6.9	2.3	0.7	3	0.8

\*flow rates are a guide only and any variations can depend on system setup  
\*flow rates at 690 kPa (100 psi) air pressure

MOTP1220 Twin Pedestal Oil Reel



TA-7K Filter & Regulator Kit



## oil transfer equipment - air operated

# r-series™ ratio oil pumps

R1000S – stub pump

R1000T – drum pump

A heavy duty 10:1 ratio oil ratio pump designed to transfer oils up to 100 metres (330 ft) through multiple hose reels and metered gun systems usually found in large workshops utilizing bulk tanks.

### Features

- suitable for 205 L (55 US gal) drums and bulk tanks
- built-in pressure relief valve
- wall mountable (stub version only)
- air line lubricator
- 2" (M) bung adaptor
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:** oils up to SAE 140, automatic transmission fluid, anti-freeze/anti-boil, self collapsing grease (R1000T only)
- **wetted components:** aluminium, nitrile rubber, Carbon PTFE, zinc plated carbon steel
- **pump ratio:** 10:1 (oil pressure is 10 times air pressure)
- **output:** 15 L/min (4 US gal/min) of SAE 10 oil at 690 kPa (100 psi) air pressure (free flow)
- **max. air pressure:** 1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. air compressor:** 0.50 m<sup>3</sup>/min (18 cfm)
- **air inlet:** 1/4" NPT (F)
- **pump outlet:** 3/4" BSP or NPT (F)
- **foot valve inlet:** 3/4" BSP or NPT (F) (stub version)

### Accessories

- TD42S Telescopic Suction Tube
- TA-7K Filter & Regulator Kit
- OMP100 Medium Pressure Oil Reel
- MOTP1220 Twin Pedestal Oil Reel



R1000S

R1000T

Fluid	Free flow (per min) at pump outlet		Output (per min.) through 35 m (115 ft) x 12.5 mm (1/2") hose and metred oil control gun 690 kPa/100 psi (air)	
	Litres	US Gal	Litres	US Gal
Oil SAE 10	15	4.0	10	2.6
Oil SAE 30	15	4.0	6	1.6
Oil SAE 90	14	3.7	4.6	1.2

\*flow rates are a guide only and any variations can depend on system setup  
\*flow rates at 690 kPa (100 psi) air pressure

MOTP1220 Twin Pedestal Oil Reel



OMP100 Medium Pressure Oil Reel



oil transfer equipment – air operated

# br-series heavy duty ratio oil pumps

**BR500**  
**BR1000**

The BR500 (5:1) and BR1000 (10:1) heavy duty ratio oil pumps are designed for use in large workshops and installations. The pumps have a high flow oil transfer of distances up to 213m (700 ft) and 305m (1 000 ft) respectively. These pumps are suited for heavy industries such as mining, industrial and earth moving where high pressure or high oil flow is required.

### Features

- Suitable for automatic transmission fluid, engine oil and heavy gear and hydraulic oil
- Balanced flow displacement
- Double acting piston pump
- Built in pressure relief valve (10:1 version only)
- Can service up to 6 (10:1) and 8 (5:1) reels simultaneously
- 5 year warranty

### Specifications

- **wetted components:**  
carbon steel, brass, viton, buna, nickel plated steel, polyurethane (5:1), aluminum, SS nylon (10:1), Ultrathane (10:1)
- **pump ratio:**  
5:1 (BR500), 10:1 (BR1000)
- **output:**  
BR500 - 102 L/min (27 US gal/min) - free flow  
BR100 - 62 L/min (16.5 US gal/min) - free flow
- **max. air pressure:**  
1 030 kPa (150 psi, 10.3 bar)
- **min. air pressure:**  
200 kPa (30 psi, 2 bar)
- **air inlet:**  
1/2" NPT (F)
- **pump outlet:**  
3/4" NPT (F)
- **foot valve inlet:**  
1 1/2" NPT (F) (5:1), 1" NPT (F) (10:1)

### Accessories

- HG100-75 Oil Control Gun with Electronic Meter
- MOTP1220 Twin Pedestal Oil Reel
- OMP100 Medium Pressure Oil Reel (5:1) - BR500 only



BR500



BR1000

HG100-75



oil transfer equipment - air operated

## single diaphragm pump

### ENVA

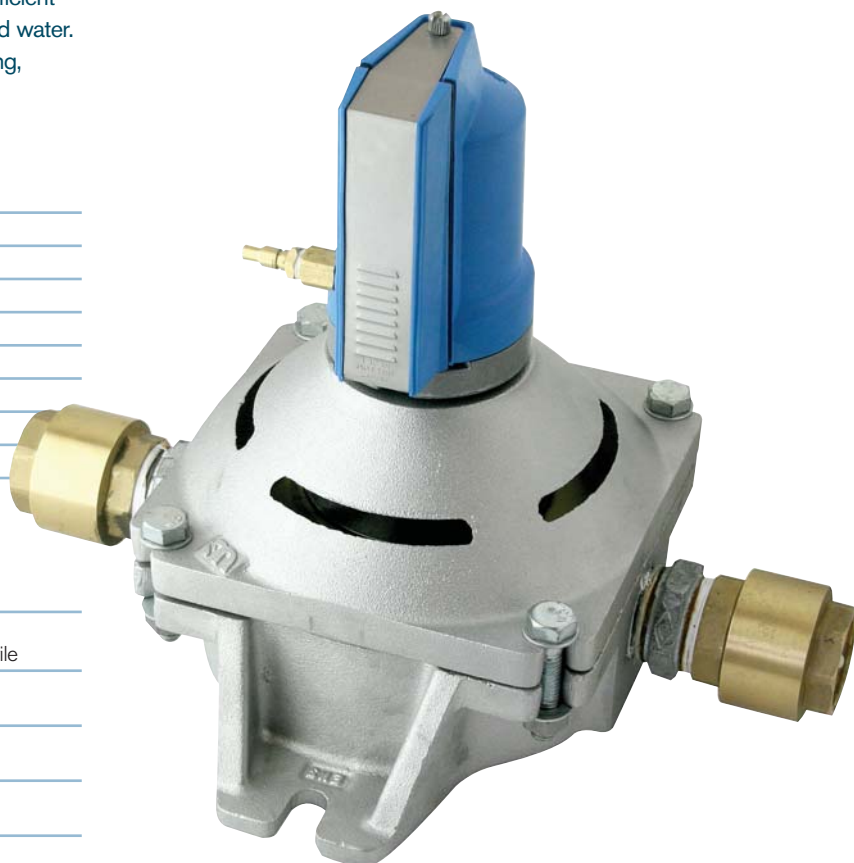
An air operated single diaphragm pump designed for the efficient transfer of waste liquids such as sump oil, slurry, effluent and water. This solids tolerant pump can also be used for bilge pumping, brewery waste evacuation and pit dewatering.

### Features

- easy maintenance
- quick knockdown and re-assembly
- reversible flow
- self-priming
- dry running
- quiet operation
- flexible installation – drum, wall or floor mounted
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:**  
sump oil, slurry, effluent and water
- **wetted components:**  
aluminium, brass, santoprene, mild steel, stainless steel, nylon, nitrile
- **weight:**  
14 kg (30lbs)
- **thread size:**  
1 1/2" BSP (F)
- **flow rate (with water):**  
60 L/min (16 US gal/min)
- **maximum air pressure:**  
850 kPa (125 psi, 8 bar)
- **minimum air pressure:**  
400 kPa (60psi, 4 bar)



specialty pumps - hand operated

## chemical lever pump

### PNY

A lever action pump made from nylon 66 and provides a safe and efficient means of transferring a wide range of fluids and chemicals.

#### Features

- telescopic suction tube
- fits 60 L - 205 L containers

#### Specifications

- output:  
500 mL per stroke

## stainless steel chemical hand pump

### SSHP

Delivering on the up stroke, this pump can be used on a wide range of fluids and chemicals using 316 stainless steel components and a teflon o-ring seal.

#### Features

- sliding bung adaptor
- fits 60 L to 205 L containers

#### Specifications

- output:  
400 mL per stroke

## chemical hand pump

### CHP

Delivering on the up stroke, this pump can be used on a wide range of fluids and chemicals using nylon components with a stainless steel plunger rod and teflon o-ring seal.

#### Features

- sliding bung adaptor
- fits 60 L to 205 L containers

#### Specifications

- output:  
500 mL per stroke



dispensing equipment - oil control guns

# oil control gun

IH20F Oil Control Gun with Flexible Outlet  
 IH20R Oil Control Gun with Rigid Outlet

### Features

- robust aluminium handle
- trigger guard
- automatic non-drip nozzle
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:**  
 lubricating oils up to SAE 140, automatic transmission fluid, anti-freeze/anti-boil and diesel oil
- **wetted components:**  
 Acetal, aluminium, nitrile (NBR), mild steel
- **flow Range:**  
 up to 30 L/min (8 US gal/min)
- **max. working pressure:**  
 70°C (158°F)
- **inlet thread:**  
 ½" BSPT or NPT (F)
- **operating temperature:**  
 -10°C (14°F) to +55°C (131°F)
- **weight:**  
 0.8kg (2.01lbs)



MOTP1220 Twin Pedestal Oil Reel



dispensing equipment - oil control guns

# high flow oil control gun

**HG100 Oil Control Gun**  
**HG100-Z Zinc Oil Control Gun**  
**HG100-75 Oil Control Gun with Electronic Meter**

A high flow gun designed to shift large volumes of fluid quickly and easily. The gun is also available in zinc, for use in the mining industry.

### Features

- flexible 350 mm (14") x 19mm (3/4") ID hose with manual nozzle
- latching trigger for ease of use
- trigger guard for protection
- lockable trigger for anti-theft security
- hanging hook
- balanced valve assembly allows maximum flow control
- IM75 electronic oil meter (HG100-75 model only)
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- compatible fluids:**  
lubricating oils up to SAE 140, automatic transmission fluid and anti-freeze/anti-boil
- wetted components:**  
aluminium/zinc, mild steel, nitrile rubber
- flow rate:**  
up to 57 L/min (15 US gal/min)
- max. operating pressure:**  
10 350 kPa (1 500 psi, 103.5 bar)
- max operating temp:**  
HG100 - 70°C (158°F)  
HG100-75 - 55°C (131°F)
- inlet swivel:**  
3/4" BSP or NPT (F)
- weight (with fittings):**  
2.2 kg (5 lbs)



HG100



HG100-75

MOTP1220 Twin Pedestal Oil Reel



dispensing equipment - oil control guns

# mechanical oil control gun

## HG40 Mechanical Display

This popular model has an easy to read mechanical display and single reset button.

### Features

- 4-digit resettable batch totaliser (max. preset 999.9 L/USG)
- 6-digit accumulative totaliser
- oval gear mechanism for optimum accuracy
- automatic non-drip nozzle
- two outlet nozzle positions (in-line or 90 degrees)
- rigid extension
- latching handle with trigger lock (non latching model available)
- shock resistant
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

- **compatible fluids:** lubricating oils up to SAE 140, automatic transmission fluid and anti-freeze/anti-boil
- **wetted components:** aluminium, acetal, steel, nitrile rubber
- **accuracy:**  $\pm 1\%$  of reading (lubricating oils)
- **flow range:** 1-30 L/min (0.26 – 8 US gal/min)
- **max. pressure:** 10 350 kPa (1 500 psi, 103.5 bar)
- **pressure loss:** 100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid
- **weight:** 1.16 kg (2.55 lbs)
- **swivel inlet:** 1/2" BSP or NPT (F)

### Accessories

- HGFEX Flexible Extension
- H6 Range Coloured Shrouds
- HGFM Flexible Metal Extension



HGFEX Flexible Extension



HG Range Coloured Shrouds





dispensing equipment - oil control guns

# mechanical oil control gun

## HG45 Auto Shutoff Mechanical Display

This popular model has an easy to read mechanical display and single reset button.

### Features

- settable volume up to 99.9 litres/US quarts
- easy to use thumbwheels for accurate volume setting
- decimal accuracy setting (max. preset 99.9 L/USG)
- easy to read 5-digit non-resettable total and 3 digit resettable batch total
- disable preset function if required
- oval gear mechanism for optimum accuracy
- automatic non-drip nozzle
- two outlet nozzle positions (in-line or 90 degrees)
- rigid extension
- simple handle latch design
- shock resistant
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

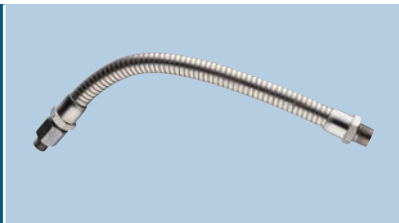
- **compatible fluids:** lubricating oils up to SAE 140, automatic transmission fluid and anti-freeze/anti-boil
- **wetted components:** aluminium, acetal, steel, nitrile rubber
- **accuracy:**  $\pm 1\%$  of reading (lubricating oils)
- **flow range:** 1-30 L/min (0.26 – 8 US gal/min)
- **max. pressure:** 10 350 kPa (1 500 psi, 103.5 bar)
- **pressure loss:** 100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid
- **weight:** 1.16 kg (2.55 lbs)
- **swivel inlet:** 1/2" BSP or NPT (F)

### Accessories

- HGFEX Flexible Extension
- HG Range Coloured Shrouds
- HGFM Flexible Metal Extension



HGFM Flexible Metal Extension



HG Range Coloured Shrouds



## dispensing equipment - oil control guns

# electronic oil control gun

### HG55 Electronic Display

#### Features

- 5-digit resettable batch totaliser (19999)
- 6-digit accumulative totaliser
- sleep mode (2 minutes idle limit) to preserve battery life
- EEPROM retention allows all information to be retained if batteries are removed
- oval gear mechanism for optimum accuracy
- automatic non-drip nozzle
- two outlet nozzle positions (in-line or 90 degrees)
- rigid extension
- latching handle with trigger lock (non latching model available)
- shock resistant
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:** lubricating oils up to SAE 140, automatic transmission fluid and anti-freeze/anti-boil
- **wetted components:** aluminium, acetal, steel, nitrile rubber
- **accuracy:**  $\pm 0.5\%$  of reading (lubricating oils)
- **flow range:** 1-30 L/min (0.26 – 8 US gal/min)
- **max. pressure:** 10 350 kPa (1 500 psi, 103.5 bar)
- **pressure loss:** 100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid
- **weight:** 1.16 kg (2.55 lbs)
- **swivel inlet:** 1/2" BSP or NPT
- **operating temp:** 0°C (32°F) to 50°C (122°F)
- **storage temp:** -10°C (14°F) to 60°C (140° F)
- **battery:** 2 x 1.5 volt alkaline AA

#### Accessories

- HGFEX Flexible Extension
- HG Range Coloured Shrouds
- HGFEM Flexible Metal Extension



HGFEX Flexible Extension



HG Range Coloured Shrouds



dispensing equipment - oil control guns

# electronic oil control gun

## HG60 Auto Shutoff Electronic Display

### Features

- 5-digit resettable batch totaliser (19999)
- 6-digit accumulative totaliser
- 5 variable preset totals available for use
- sleep mode (2 minutes idle limit) to preserve battery life
- EEPROM retention allows all information to be retained if batteries are removed
- oval gear mechanism for optimum accuracy
- automatic non-drip nozzle
- 2 outlet nozzle positions (in-line or 90 degrees)
- rigid extension
- simple handle latch design
- shock resistant
- fully serviceable
- 10 year warranty and parts guarantee

### Specifications

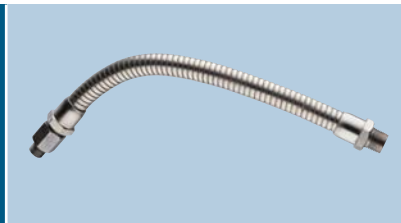
- **compatible fluids:** engine oil, diesel oil, automatic transmission fluid and anti-freeze/anti-boil, with a maximum viscosity of SAE 140
- **wetted components:** aluminium, acetal, steel, nitrile rubber
- **accuracy:**  $\pm 0.5\%$  of reading (lubricating oils)
- **flow range:** 1-30 L/min (0.26 – 8 US gal/min)
- **max. pressure:** 10 350 kPa (1 500 psi, 103.5 bar)
- **pressure loss:** 100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid
- **weight:** 1.16 kg (2.55 lbs)
- **swivel inlet:** 1/2" BSP or NPT
- **operating temp:** 0°C (32°F) to 50°C (122°F)
- **storage temp:** -10°C (14°F) to 60°C (140° F)
- **battery:** 2 x 1.5 volt alkaline AA

### Accessories

- HGFEX Flexible Extension
- HG Range Coloured Shrouds
- HGFEM Flexible Metal Extension



HGFEM Flexible Metal Extension



HG Range Coloured Shrouds



dispensing equipment - oil control guns

# mechanical oil control gun

MH40R Mechanical Display with Rigid Extension  
MH40F Mechanical Display with Flexible Extension

## Features

- robust aluminium handle with trigger guard
- 4-digit resettable batch totaliser
- 7-digit accumulative totaliser
- oval gear mechanism for optimum accuracy
- protective shroud on meter
- automatic non-drip nozzle
- shock resistant
- fully serviceable
- 10 year warranty and parts guarantee

## Specifications

- **compatible fluids:** lubricating oils up to SAE 140, automatic transmission fluid and anti-freeze/anti-boil
- **wetted components:** acetal, aluminium, nitrile (NBR), steel
- **accuracy:**  $\pm 1\%$  of reading (lubricating oils)
- **flow Range:** 1-30 L/min (0.26 - 8 US gal/min)
- **max. pressure:** 10 350 kPa (1500 psi , 103.5 Bar)
- **inlet swivel:** 1/2" BSPT or NPT (F)
- **operating temperature:** -10°C (14°F) to 55°C (131°F)
- **weight:** 1.3kg (2.8lbs)

## Accessories

- IM Range Coloured Shrouds



MH40R

IM Range Coloured Shrouds



dispensing equipment - oil control guns

# electronic oil control gun

MH50R Electronic Display with Rigid Extension  
MH50F Electronic Display with Flexible Extension

## Features

- robust aluminium handle with trigger guard
- easy to read and resettable 6-digit LC display
- reset batch total and non-reset total display options
- sleep mode (2 minute idle limit) to preserve battery life
- oval gear mechanism for optimum accuracy
- protective shroud on meter
- automatic non-drip nozzle
- shock resistant
- fully serviceable
- 10 year warranty and parts guarantee

## Specifications

- **compatible fluids:** lubricating oils up to SAE 140, automatic transmission fluid and anti-freeze/anti-boil
- **wetted components:** acetal, aluminium, nitrile (NBR), steel
- **accuracy**  $\pm 0.5\%$  of reading (lubricating oils)
- **flow range:** 1-30 L/min (0.26 - 8 US gal/min)
- **pressure loss:** 100 kPa (14.4 psi, 1 bar) @ 12 L/min (3.2 US gal/min) (without nozzle) with calibration fluid
- **max. pressure:** 10 350 kPa (1500 psi , 103.5 Bar)
- **inlet swivel:** 1/2" BSPT or NPT (F)
- **operating temperature:** -10°C (14°F) to 55°C (131°F)
- **weight:** 1.3kg (2.8lbs)
- **battery:** 2 x 1.5 volt alkaline AAA

## Accessories

- IM Range Coloured Shrouds



IM Range Coloured Shrouds



## flow meters - fuel meters

# fuel meter

### DM100 Flow Meter

### DM100BD Biodiesel Flow Meter

### DM150 Flow Meter plus Filter

A highly reliable and accurate flow meter for all refueling needs.

#### Features

- oval gear mechanism for optimum accuracy
- low pressure drop allows for gravity and in-line applications
- register cap can be removed and rotated for easy display reading
- supplied with integrated mesh strainer
- 4-digit resettable batch totaliser (max 999.9 units)
- 6-digit accumulative totaliser
- available in Litre, US Gal, UK Gal calibration
- HA1S fuel filter (10µm) available separately
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids (DM100 and DM150):**  
diesel, kerosene and petrol
- **compatible fluids (DM100BD):**  
biodiesel
- **compatible fluids (HA1S):**  
diesel, kerosene and petrol
- **wetted components (DM100):**  
aluminium, zinc plated carbon steel, PEI Resin, viton
- **wetted components (DM100BD):**  
aluminium, nickel plated carbon steel, PEI Resin, viton, acetal resin
- **accuracy:**  
± 1% of reading
- **flow range:**  
3 - 80 L/min (0.8 - 21 US gal/min)
- **max. pressure:**  
1 000 kPa (145 psi, 10 bar)
- **max. temp:**  
80° C (176° F)
- **inlet thread:**  
1" BSPT, 1" BSPPL(G) or 1" NPT female
- **outlet thread:**  
1" BSPT, 1" BSPPL(G) or 1" NPT female
- **weight:**  
1.2 kg (2.6 lbs)



DM100



DM150

#### Accessories

- DF Connector Kit - DM100 to GE12/24 Diesel pumps
- HA1S Filter 10µm
- DH Connector Kit - HP Pump
- DG Connector Kit - GP Pump
- DV Connector Kit - PVR/RB Pumps

DF-01



HA1S



flow meters - fuel & water meters

# turbine meters

**TM (fuel)**

**TMW (water)**

Ideal for hose end gravity and incline applications, these electronic turbine meters are an economical alternative for precise measurement of fuel and water.

### Features

- compact and lightweight
- hose end mounting allows instant meter reading
- large 4-digit display for easy reading
- options for resettable batch and cumulative totals
- sealed electronic circuitry ensures dependable operation
- includes two AAA batteries (ready to use)
- 5 year warranty
- 10 year parts guarantee

### Specifications - TM

- **Compatible fluids:** Diesel, Kerosene and Petrol
- **Flow range:** 10 to 100 L/min.
- **Accuracy:** +/- 5% of reading
- **Max. working pressure:** 2000 kPa (300 psi, 20 Bar)
- **Inlet thread:** 1" BSPT
- **outlet thread:** 1" BSPT
- **Max. temperature** 54 °C (131 °F)
- **Weight (approx):** 370 grams

### Specifications - TMW

- **Compatible fluids:** Water
- **Flow range:** 10 to 100 L/min.
- **Accuracy:** +/- 5% of reading
- **Max. working pressure:** 1000 kPa (150 psi, 10 Bar)
- **Inlet thread:** 1" BSPT
- **outlet thread:** 1" BSPT
- **Max. temperature** 54 °C (131 °F)
- **Weight (approx):** 200 grams



TM



TMW

## flow meters - oil meters

# mechanical oil meters

### IM40 (Mechanical)

A high pressure positive displacement meter suitable for in-line and end-of-line applications and features a rugged and robust register.

#### Features

- robust aluminium construction
- 4-digit resettable batch totaliser (max 999.9 units)
- 7-digit accumulative totaliser
- available in litres, quarts or US Gallons calibration
- protective shroud on meter
- fully serviceable
- 10 year warranty and parts guarantee

#### Specifications

- **compatible fluids:**  
lubricating oils up to SAE 140, automatic transmission fluid and anti-freeze/anti-boil, diesel, kerosene
- **wetted components:**  
aluminium, Steel, Nitrile (NBR), Acetal
- **Accuracy:**  
+/- 1% of reading (lubricating oils)
- **flow range:**  
1 - 30 L/min (0.26 - 8 US gal/min)
- **maximum Pressure:**  
10 350 kPa (1500psi, 103.5 bar)
- **inlet thread:**  
1/2" NPT or 1/2" BSPT Female
- **outlet thread:**  
1/2" NPT or 1/2" BSPT Female
- **operating Temperature:**  
-10°C (14°F) to 55°C (131°F)
- **weight:**  
470 g (1.04 lbs)

#### Accessories

- IM Range Coloured Shrouds



IM40

IM Range Coloured Shrouds





## flow meters - oil meters

# electronic oil meters

- IM50 (LCD)
- IM50P (Pulse Output)
- IM75 (LCD)
- IM75P (Pulse Output)

These high pressure positive displacement meters are suitable for in-line and end-of-line applications and features a rugged and robust register with integrated electronics and large LC display.

### Features

- robust aluminium construction
- user selectable display units: litres, gallons, pints, quarts
- easy to read and resettable 6-digit LC display
- batch total, reset total, non-reset total and rate of flow display options
- pulse output model includes 1 m (3 ft) fly lead with either reed switch and/or hall effect sensor
- 2 year average battery life (battery type: 2 x AAA alkaline)
- protective shroud on meter (LCD model only)
- fully serviceable
- 10 year warranty and parts guarantee



IM50

### Specifications

Specifications	IM50/IM50P	IM75/IM75P
• <b>compatible fluids:</b>	lubricating oils up to SAE140, automatic transmission fluid and anti-freeze/anti-boil, diesel and kerosene	lubricating oils up to SAE140, automatic transmission fluid and anti-freeze/anti-boil, diesel and kerosene
• <b>wetted components:</b>	acetal (suitable with oils), aluminium nitrile (NBR), steel	PEI resin, aluminium, nitrile (NBR), mild steel
• <b>accuracy:</b>	±0.5% of reading (lubricating oils)	±0.5% of reading (lubricating oils)
• <b>flow range:</b>	1 - 30 L/min (0.26 - 8 US gal/min)	3 - 80 L/min (0.8 - 21.1 US gal/min)
• <b>max. pressure:</b>	10 350 kPa (1 500 psi, 103.5 bar)	10 350 kPa (1 500 psi, 103.5 bar)
• <b>inlet thread:</b>	1/2" BSPT or NPT (F)	3/4" NPT (F)
• <b>outlet thread:</b>	1/2" BSPT or NPT (F)	3/4" NPT (F)
• <b>operating temperature:</b>	-5°C (23°F) to 55°C (131°F)	-5°C (23°F) to 80 °C (176°F) for IM75P -5°C (23°F) to 55 °C (131°F) for IM75
• <b>weight (approx):</b>	430 g (0.95 lbs)	980 g (2.16 lbs)
• <b>K factor:</b>	112ppL (424 pp USG)	54.6 ppL (206.5 pp USG)



hose reels - retracta

# retracta® auto-rewind hose reels

Retracta® is the market leader in auto-rewind hose reel systems with a wide range of models to suit any industry work environment.

### Features

- positive latching mechanism allows mounting in any position
- made from weather resistant, high impact UV stabilised polypropylene
- low rewind tension allows easy hose pull out
- full stainless steel mouth for improved hose and reel service life
- BU100 lockable wall or overhead mounting bracket enables 180° rotation
- reel casing available in various colours (conditions apply)
- fully serviceable
- 10 year warranty and parts guarantee

### Accessories

- BB100 Retracta Bench Bracket

AR200



AW100



BU100



Model	Description	Hose ID	Hose Length	Working Pressure	Hose Material	Reel Colour	Hose Colour	Max Working Temp.	Reel Inlet (BSP/NPT)	Hose Outlet (BSP/NPT)	Weight	Max. Viscosity
AB100	air breathing	10 mm	17 m	1 700 kPa (250 psi)	reinforced PVC	blue	yellow	60° C	3/8"	1/4"	10 kg	n/a
AR100	compressed air	10 mm	20 m	1 700 kPa (250 psi)	reinforced PVC	red	red	60° C	3/8"	1/4"	10 kg	n/a
AR200	compressed air	12.5 mm	15 m	1 700 kPa (250 psi)	reinforced PVC	red	red	60° C	3/8"	3/8"	10 kg	n/a
AW100	compressed air/water	10 mm	20 m	1 700 kPa (250 psi)	reinforced PVC	blue	blue	60° C	3/8"	1/4"	10 kg	n/a
AW150	compressed air/water	10 mm	15 m	1 700 kPa (250 psi)	reinforced PVC	blue	blue	60° C	3/8"	1/4"	10 kg	n/a
AW200	compressed air/water	12.5 mm	15 m	1 700 kPa (250 psi)	reinforced PVC	blue	blue	60° C	3/8"	3/8"	10 kg	n/a
CW100	cold wash	12.5 mm	15 m	1 000 kPa (150 psi)	reinforced PVC	blue	white	60° C	3/8"	hose nozzle	10 kg	n/a
DR100	garden water	12.5 mm	18 m	860 kPa (125 psi)	reinforced PVC	green	green	60° C	3/8"	hose nozzle	10 kg	n/a
FG100	food gas/CO <sup>2</sup>	6 mm	20 m	1 700 kPa (250 psi)	NTP	red	clear	60° C	3/8"	1/4"	10 kg	n/a
FR300	foam	16 mm	10 m	1 000 kPa (150 psi)	reinforced PVC	white	white	60° C	3/8"	N/A	10 kg	n/a
GR100	grease	6 mm	10 m	34 500 kPa (5000 psi)	reinforced rubber (SAE 100R2)	black	black	n/a	1/4"	1/4"	13 kg	n/a
HW100	hot water	12.5 mm	12 m	1 400 kPa (200 psi)	reinforced rubber	red	red	90° C	3/8"	3/8"	10 kg	n/a
HWP100*	high pressure hot water	10 mm	12 m	20 700 kPa (3000 psi)	reinforced rubber (SAE 100 R2AT)	red	black	95° C	3/8"	3/8"	12 kg	n/a
OA100**	oxy/acetylene	5 mm	15 m	1 400 kPa (200 psi)	reinforced rubber (AS 1335)	blue	red/blue**	n/a	5/8" UNF	5/8" UNF	13 kg	n/a
OLPG100**	oxy/LPG gas	5 mm	15 m	1 400 kPa (200 psi)	reinforced rubber (AS 1335)	black	orange/blue**	n/a	5/8" UNF	5/8" UNF	13 kg	n/a
OLP100	low pressure oil	12.5 mm	10 m	2 800 kPa (400 psi)	reinforced rubber (SAE 100R6)	blue	black	95° C	3/8"	1/2"	10 kg	SAE 140
OMP100	medium pressure oil	10 mm	10 m	6 900 kPa (1000 psi)	reinforced rubber (SAE 100R1)	blue	black	n/a	3/8"	1/2"	13 kg	SAE 140
PW100	potable water	12.5 mm	15 m	1 000 kPa (150 psi)	reinforced LDPE	blue	blue	60° C	3/8"	3/8"	10 kg	n/a
WP100	weedicide/pesticide	10 mm	16 m	1 700 kPa (250 psi)	reinforced PVC	red	red	60° C	3/8"	1/4"	10 kg	n/a

\* HWP100 is not suitable for use with steam

\*\* Specifications for OA100/OLPG100 are for Australian models only.

DR100



OA100



BB100



## hose reels - metal

# single pedestal metal hose reels

Made of powder coated steel with a single pedestal and integral spring system, these reels are available in air/water, oil and grease models.

### Features

- double supported steel drum shaft
- 4 bolt heavy duty steel mounting plate
- multi position ratchet for positive latching
- adjustable guide arm - can be wall, floor, ceiling, pit or vehicle mounted
- multi-directional nylon roller guides reduce hose drag and wear
- lubricated spring encapsulated in cassette for safety
- full flow swivel for maximum product delivery
- external swivel for easy servicing of swivel seals
- 5 year warranty
- 10 year parts guarantee

\*Macnaught can produce metal reels to suit your specific requirements. Minimum order quantities apply.



MAS1020

Model	Description	Hose ID	Hose Length	Working Pressure	Max Op Temp	Reel Inlet	Hose Outlet
MAS1020	Air/water	10mm (3/8")	20 m	2 100 kPa (300 psi)	80 °C	3/8" BSP	3/8" BSP
MAS1220	Air/water	12 mm (1/2")	20 m	2 100 kPa (300 psi)	80 °C	1/2" BSP	1/2" BSP
MGS0615	Grease	6 mm (1/4")	15 m	34 500 kPa (5000 psi)	100 °C	1/4" BSP	1/4" BSP
MOS1220	Oil	12 mm (1/2")	20 m	6 900 kPa (10 000 psi)	100 °C	1/2" BSP	1/2" BSP

hose reels - metal

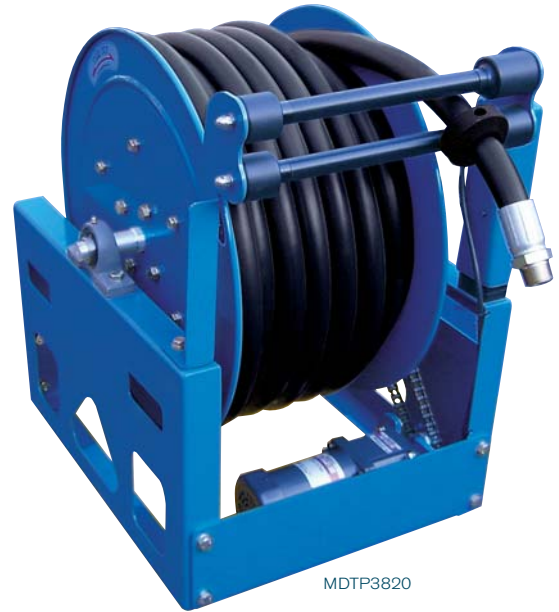
# twin pedestal metal hose reels

Provided with twin pedestal supports for added strength and stability, these heavy duty reels are ideal for truck mount applications. All spring rewind models have an external spring cartridge which allows cartridge replacement without removing the reel from its mounted position.

**Features**

- 4 bolt heavy duty steel mounting plate
- locking mechanism allows for precise hose length adjustment
- adjustable guide arm - can be wall, floor, ceiling, pit or vehicle mounted
- multi directional nylon roller guides reduce hose drag and wear
- external spring cartridge (except powered rewind diesel reel) for easy maintenance & safety
- full flow heavy duty swivel for maximum product delivery
- powder coated finish for corrosion resistance
- 5 year warranty
- 10 year parts guarantee

\*Macnaught can produce metal reels to suit your specific requirements. Minimum order quantities apply.



MDTP3820



MDTP2520

Model	Description	Hose ID	Hose Length	Working Pressure	Hose Rewind	Max Op Temp	Reel Inlet	Hose Outlet
MATP1220	Air/Water	12 mm (1/2")	20 m	2100 kPa (300 psi)	Spring	80°C	1/2" BSP	1/2" BSP
MATP1920	Air/Water	19 mm (3/4")	20 m	2100 kPa (300 psi)	Spring	80°C	3/4" BSP	3/4" BSP
MDTP2520	Diesel	25 mm (1")	20 m	3500 kPa (500 psi)	Spring	80°C	1" BSP	1" BSP
MDTP3820	Diesel (electric 24V)	38 mm (1 1/2")	20 m	3500 kPa (500 psi)	24 V DC	80°C	1 1/2" BSP	1 1/2" BSP
MGTP0615	Grease	6 mm (1/4")	15 m	34 500 kPa (5,000 psi)	Spring	100°C	1/4" BSP	1/4" BSP
MGTP0915	Grease	9 mm (3/8")	15 m	34 500 kPa (5,000 psi)	Spring	100°C	3/8" BSP	3/8" BSP
MOTP1220	Oil	12 mm (1/2")	20 m	6900 kPa (1,000 psi)	Spring	100°C	1/2" BSP	1/2" BSP
MOTP1920	Oil	19 mm (3/4")	20 m	6900 kPa (1,000 psi)	Spring	100°C	3/4" BSP	3/4" BSP
WPTP1050	Weedicide/pesticide (electric 24V)	10 mm (3/8")	50 m	3500 kPa (500 psi)	24 V DC	80°C	3/8" BSP	3/8" BSP
SSR1320N	Stainless steel	13 mm (1/2")	Bare reel	20 700 kPa (3,000 psi)	Spring	N/A	1/2" BSP	N/A
SSR2520N	Stainless steel	25 mm (1") Swivel	Bare reel	13 800 kPa (2,000 psi)	Spring	N/A	1" BSP	N/A

# enclosed metal hose reels

Each reel's rugged metal casing protects the hose and adds years to its operating life in even the busiest of industrial workplaces. Its slim design is also a space saver, especially for multiple reel installations. These spring rewind reels are available in air/water, oil and grease models.

### Features

- Versatile surface, ceiling or wall mounted units
- External swivel for easy maintenance
- 180° hose rotation (except EMA1015)
- Made from powdered coated steel with four bolt steel mounting plate
- 5 year warranty
- 10 year parts guarantee

\*Macnaught can produce metal reels to suit your specific requirements. Minimum order quantities apply.



EMA1015

Model	Description	Hose ID	Hose Length	Working Pressure	Max Op Temp	Reel Inlet	Hose Outlet
EMA1015	Air/Water	10 mm (3/8")	15 m	3000 kPa (430 psi)	80°C	3/8" BSP	3/8" BSP
EMA1210	Air/Water	12 mm (1/2")	10 m	3000 kPa (430 psi)	80°C	1/2" BSP	1/2" BSP
EMG0615	Grease	6 mm (1/4")	15 m	34 500 kPa (5000 psi)	100°C	1/4" BSP	1/4" BSP
EMO1210	Oil	12 mm (1/2")	10 m	13 800 kPa (2000 psi)	100°C	1/2" BSP	1/2" BSP

## oil and grease systems

# portable oil system

### OS100

This portable oil system is designed to suit 205 L (55 US gal) drums. All spare parts are available separately, and more information on a particular component is listed below.

#### Features

- R300S oil pump (3:1 ratio)
- TR205 drum trolley (wheel brake included)
- Retracta® OLP100 low pressure hose reel – 12.5 mm (1/2") ID x 10 m (32 ft)
- oil control gun available separately
- system compatible with entire Macnaught oil control gun range
- telescopic suction tube with maximum depth of 1200 mm (4 ft) complete with 2" bung adaptor
- suction hose – 1500 mm (5 ft)
- feeder hose – 1000 mm (3 ft)
- fully serviceable
- 10 year warranty and parts guarantee



HG40 Oil Control Gun

HG45 Oil Control Gun

HG55 Oil Control Gun



## oil and grease systems

# mounted oil systems

All systems are suitable for mounting onto IBC pods to create an easy to use and portable pumping system. Choose from a range of Macnaught oil control guns available separately.

### OS500

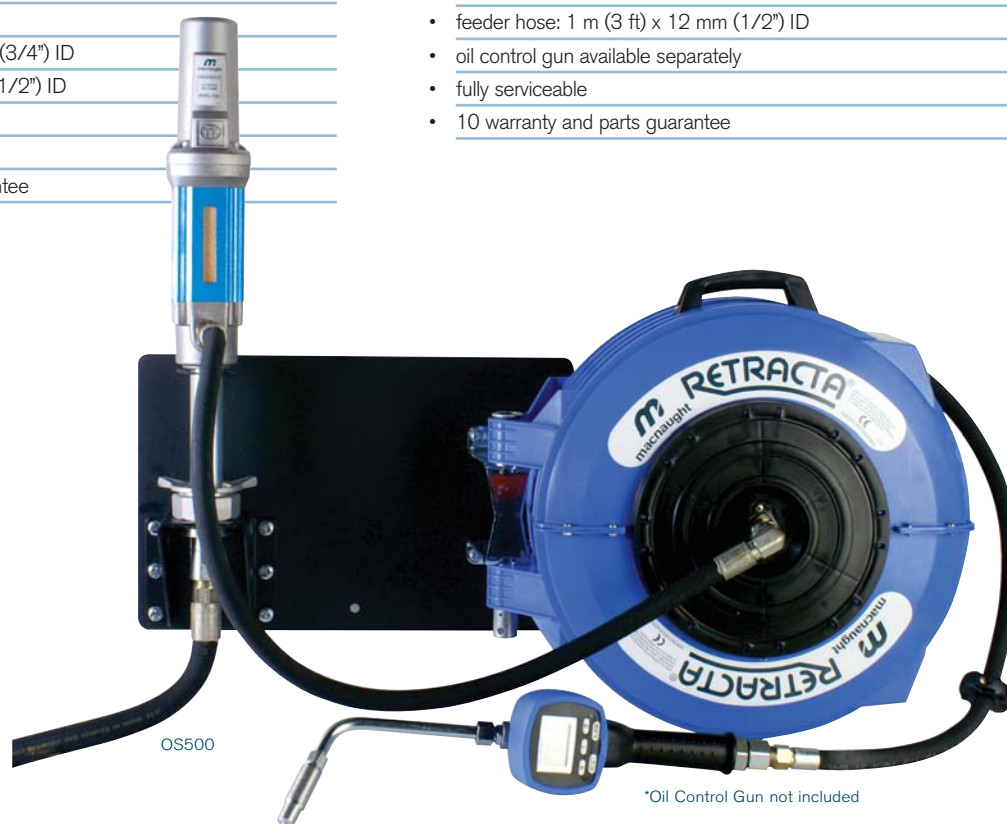
#### Features

- mounting plate
- Retracta® OLP100 reel with 12.5 mm (1/2") I.D. x 10 m (32 ft) low pressure oil hose
- R300S oil pump (3:1 ratio)
- suction hose: 2 m (6 ft) x 19 mm (3/4") ID
- feeder hose: 1 m (3 ft) x 12 mm (1/2") ID
- oil control gun available separately
- fully serviceable
- 10 year warranty and parts guarantee

### OS600

#### Features

- mounting plate
- Retracta® OLP100 reel with 12.5 mm (1/2") I.D. x 10 m (32 ft) low pressure oil hose
- R300S oil pump (3:1 ratio)
- oil lubricator
- air pressure regulator and gauge
- quick-connect air fittings
- suction hose: 2 m (6 ft) x 19 mm (3/4") ID
- feeder hose: 1 m (3 ft) x 12 mm (1/2") ID
- oil control gun available separately
- fully serviceable
- 10 warranty and parts guarantee



\*Oil Control Gun not included

### OS800

#### Features

- mounting plate
- Retracta® OMP100 reel with 10 mm (3/8") I.D. x 10 m (32 ft) medium pressure oil hose
- T512 Oilmaster® oil pump (5:1 ratio)
- suction hose: 2 m (6 ft) x 19 mm (3/4") ID
- feeder hose: 1 m (3 ft) x 12 mm (1/2") ID
- oil control gun available separately
- fully serviceable
- 10 warranty and parts guarantee

HG40 Oil Control Gun

HG45 Oil Control Gun

HG55 Oil Control Gun





## oil and grease systems

# grease systems

### P3-OS2

This portable grease system allows for pails up to 25 L (6 US g) to be placed inside the supplied 4-wheeled container.

#### Features

- Power-Lube® grease pump complete with lid and follower assembly
- B2 booster gun complete with ZSB swivel
- 1/4" NPT x 4 m (12 ft) high-pressure hose assembly
- four wheeled container with handle assembly and wheel lock
- pressure gauge and regulator
- fully serviceable
- 10 year warranty and parts guarantee



### GS100

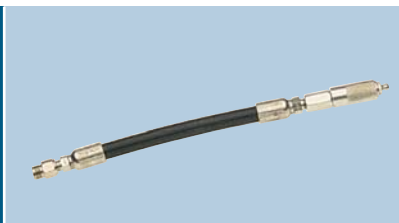
This portable grease system is designed to suit 205 L (55 US gal) drums. Spare parts and accessories are available separately.

#### Features

- P8 Maxilube® grease pump complete with lid and follower assembly
- TR205 drum trolley (wheel brake included)
- Retracta® GR100 reel with 6 mm I.D. x 10 m grease hose
- B2 booster gun complete with ZSB swivel
- fully serviceable
- 10 warranty and parts guarantee



PDF13 Push On Extensions



KZD Needleless Coupler



oil and grease systems

## waste oil drainer

### OD80 (gravity drain)

#### Features

- gravity drain system
- 4-wheel mounted steel holding tank
- height-adjustable collection funnel
- level gauge
- 5 year warranty
- 10 year parts availability

#### Specifications

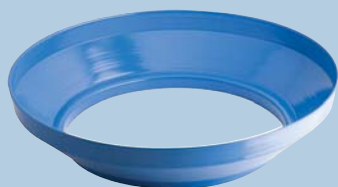
- **compatible fluids:**  
engine oil, automatic transmission fluid and anti-freeze/boil
- **tank capacity:**  
80 L
- **working capacity:**  
80 L
- **min. oil temperature:**  
60°C
- **max. oil temperature:**  
80°C

#### Accessories

- OCF 515mm funnel adapter



OCF



oil and grease systems

## waste oil drainer

### OES89 (suction and gravity drain)

#### Features

- suction drain system for dipstick drainage
- metal and flexible suction probe set
- 9 L pre-fill viewing chamber
- gravity drain option
- 4-wheel mounted steel holding tank
- height-adjustable collection funnel
- level gauge
- 5 year warranty
- 10 year parts availability

#### Specifications

- **compatible fluids:**  
engine oil, automatic transmission fluid and anti-freeze/boil
- **tank capacity:**  
80 L
- **working capacity:**  
80 L
- **viewing chamber capacity:**  
9 L
- **max suction rate:**  
1.6 L/min
- **max. air inlet pressure:**  
690 kPa/100 psi/6.9 bar
- **min. oil temperature:**  
60°C
- **max. oil temperature:**  
80°C

#### Accessories

- OCF 515mm funnel adapter



OCF



**m**  
macnaught

# fluid management system

The Macnaught Fluid Management System is a single or networked combination of 16 product controllers, with each controller supporting up to 4 colour touch-screens. Each controller can dispense up to 3 products simultaneously and be software configured to enable access to the products through any of the touch terminals.



## Software Features

- user friendly and easy to follow installation process
- 3-level password access provides greater security in maintaining fluid inventories
- automatic saving of batches with a presettable idle-time function
- simple and accurate transfer of data to a PC from the controller
- retains fluid transfer records in case of a power failure or a deliberate shut-off by operator
- generates multiple reports that can be printed or exported to other software applications
- can be linked to proprietary accounting packages
- incorporates a comprehensively secured inventory management system that facilitates standard accounting procedures

## Product Features

- designed to operate as either a stand alone controller or as part of a PC network
- up to 16 products per controller
- full colour, alpha numeric touch screen entry
- hierarchy PIN access for system users
- batch log storage of up to 300 batches
- product identification and name entry
- individual K factor on each product input meter
- selectable unit of measurement
- simple plug 'n' play type field wiring and configuration
- can be used with any flowmeter compatible fluids
- visual alarms
- product tank inventory
- optional barcoding facility available for streamlining operations
- off-the-shelf system hardware ensures the latest technology and components are available worldwide
- 12 month warranty
- easily configured to fit different facilities
- RS485 network with optional USB converter or Ethernet server allowing distances of up to 1000 m
- touch screens powered over CAT 5 cable
- only standard power point required for each controller
- compatible with a wide selection of flowmeter and valve materials

IH2O Oil Control Gun



IM50P Oil Meter Pulse Output



OMP100 Low Pressure Oil Reel



**Optional/Special Features:**

- barcode/RFID
- large LCD remote display
- high waste level warning for each tank
- automatic ordering option available for each product
- remote interrogation and fault finding/troubleshooting
- remote operation for each dispense point if required

**Typical Applications:**

- automotive workshops
- truck/bus/bulk transport workshops
- industrial workshops
- mining
- marine

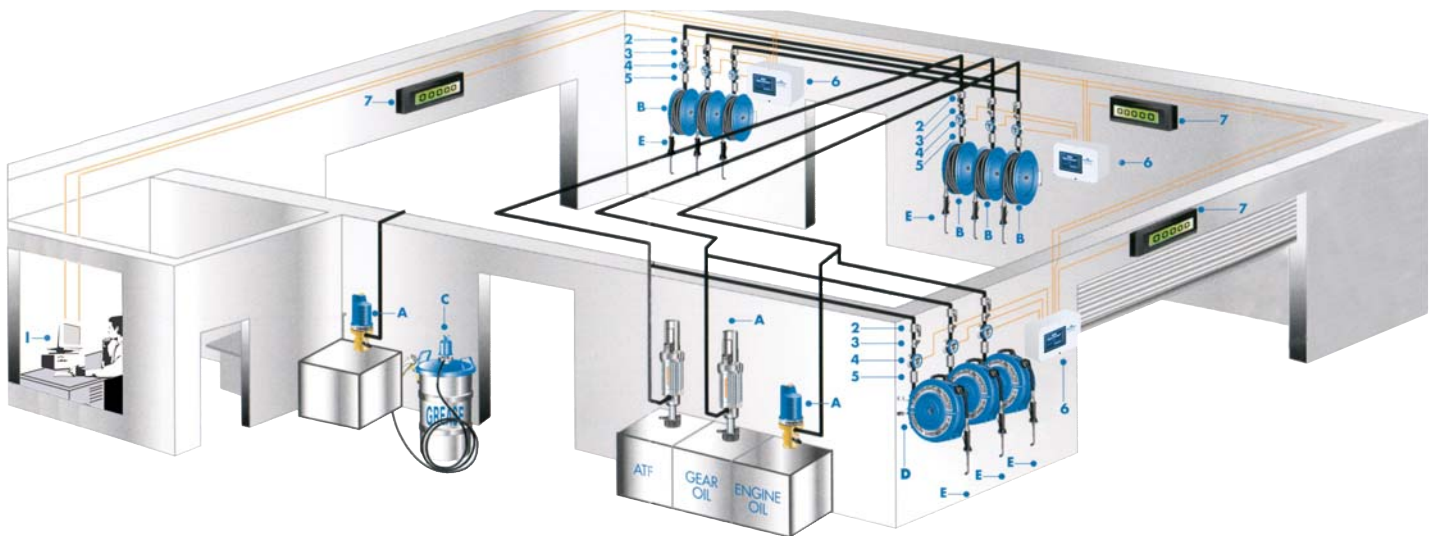
**Typical fluids handled:**

- motor oil
- automatic transmission fluid
- anti-freeze
- hydraulic oil
- diesel
- fuel additives
- specialty fluids

**Example of Standard Automotive Workshop**

Legend

1 Master PC/Printer	A T and R Series Oil Ratio Pumps
2 Shut-off Valve	B MO1220 Metal Hose Reel
3 Strainer	C P8 Grease Lubricator
4 Positive Displacement M-Series Oil Meter	D OMP100 Retractable Oil Reel
5 Solenoid Valve	E HG20/HG100 Nozzle
6 Touch Screen	
7 Remote LCD Display	

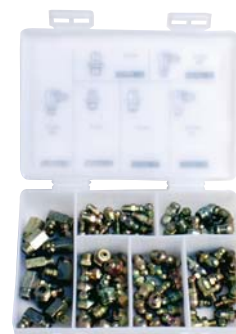


- 3 variations of fluids are shown. Note: The Fluid Management System has the capability of handling up to 16 products per controller.
- all control units are centralised back to network office PC for master control/inventory purposes.

## accessories - grease fittings

### button heads

GBH1419B	Button head grease fitting 1/4" x 19 BSPF (10 pack)
GBH1828B	Button head grease fitting 1/8" x 28 BSPF (10 pack)



GNP80M

### grease nipples

GN061M90	Grease nipple M6 x 1 90° angle (10 pack)
GN061MST	Grease nipple M6 x 1 straight (10 pack)
GN081M90	Grease nipple M8 x 1 90° angle (10 pack)
GN081MST	Grease nipple M8 x 1 straight (10 pack)
GN101M90	Grease nipple M10 x 1 90° angle (10 pack)
GN101MST	Grease nipple M10 x 1 straight (10 pack)
GN1428S45	Grease nipple 1/4" 28 SAE LT 45° angle (10 pack)
GN1428S90	Grease nipple 1/4" 28 SAE LT 90° angle (10 pack)
GN1428SST	Grease nipple 1/4" 28 SAE LT straight (10 pack)
GN1827N45	Grease nipple 1/8" 27 NPT 45° angle (10 pack)
GN1827N90	Grease nipple 1/8" 27 NPT 90° angle (10 pack)
GN1827NST	Grease nipple 1/8" 27 NPT straight (10 pack)
GNP80M GNP80S	Grease nipple assortment pack 80 piece metric Grease nipple assortment pack 80 piece SAE/NPT



GNP80s

### easy out tool

GNEL	Easy out tool - large GNES
GNES	Easy out tool - small



GNES

### refillable bearing lubricators

MCGL100 (100mL)  
MCGL220 (220mL)

These refillable automatic bearing lubricators are designed to provide constant lubrication to bearings, bushings, joints, articulated joints or wherever constant greasing is required. The lubricators are supplied with a setting dial which allows fixed dispensing of grease.

#### Features & Benefits

- manufactured from transparent Lexan®
- setting dial (1, 3, 6 and 12 months)
- supplied with 2 springs, yellow (medium tension) black (strong tension)



MCGL100



MCGL220

accessories

## greasing kits

### ACK2 aviation kit

Accessories typically required when lubricating aircraft. Items included are a KDN, KDS, KDE8, KDF21, KY, KZDXL, KZHY, KZLNJ, KZLNS, KZLNR, KZLN45, KZSNR and J65, with photos and descriptions of each included in this section.



### MAGK1 automotive greasing accessory kit

A greasing kit designed for the automotive industry. Items include KDF21, KY, KZDXL, KZHY and KDR. Supplied in a hard molded case. Photos and descriptions of each item are included in this section.



### MCFK1 all-purpose air greasing accessory kit

A greasing kit designed for use with air operated greasing equipment. Items include PDF21, KGR, KSR, KZD and KDR. Supplied in a hard molded case. Photos and descriptions of each item are included in this section.



### MCFK2 all-purpose manual greasing accessory kit

A greasing kit designed for use with manual operated greasing equipment. Items include KDF21, KFR, KZD and KDR. Supplied in a hard molded case. Photos and descriptions of each item are included in this section.



accessories

## greasing couplers

### KY coupler

Standard supergrip coupler supplied with all Macnaught grease guns. Designed to fit most grease nipples and grease guns. Can be purchased separately or in packets of 8 (KY-8). Threads 1/8" BSP



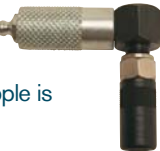
### KDN right angle needlepoint coupler

Ideal where access to the grease nipple is minimal.



### KDR right angle coupler

For use in spaces when the area above the nipple is limited.



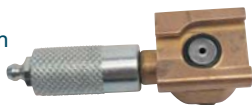
### KDS right angle coupler

A slightly shorter version of the KDR. Along with the KDN and KDR, it can be used with a flexible extension.



### KSR standard buttonhead coupler

For use on plant and machinery fitted with 5/8" buttonhead nipples. Length 72 mm (2 3/4").



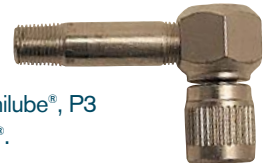
### KGR giant buttonhead coupler

For use on plant and machinery fitted with 7/8" buttonhead nipples. Length 85 mm (3 3/8").



### KRV pressure release valve

Helps to prevent nipples from breaking off and couplers from splitting. Recommended for use with the K6 Minilube®, P3 Powerlube®, and P6 and P8 Maxilube®.



### KZD needlenose coupler

Used when nipples are recessed and standard couplers would meet with interference from surrounding components (universal joints, etc). Length 93 mm (3 3/4").



### KZDXL straight needlepoint coupler

Ideal for greasing the bearings on four wheel drive vehicles. Length 120 mm (4 3/4").



### KZE concave nipple coupler

Used when vehicles are fitted with special nipples or, in some cases, when normal nipples are damaged. Length 60 mm (2 1/4").





## accessories

# greasing couplers

## KZX concave nipple coupler

A similar coupler to the KZE but fitted with a rigid extension. Length 200 mm (8").



## KN grease injector needle

Small needle used to inject sealed bearings and small lubrication points with grease when no grease nipples are present. Length 64 mm (2 1/2").



## KZHY hyperdermic needlepoint coupler

Ideal for use on bearings fitted with rubber dust covers. Length 130 mm (5 1/8").



## KZLN45 needlepoint coupler

Push on needle point grease extension with 45° angle at the end. Ideal for use with aircrafts. Length 300 mm (12")



## KZLNJ needlepoint coupler

Push on needlepoint extension with j bend at the end. Ideal for use with aircrafts. Length 300 mm (12")



## KZLNR needlepoint coupler

Push on needlepoint extension with 90° angle at the end. Ideal for use with aircrafts. Length 300 mm (12").



## KZLNS needlepoint coupler

Push on needlepoint grease extension, ideal for use with four wheel drive vehicles. Length 300 mm (12")



## KZSNR 90° needlepoint coupler

An 110 mm (4 1/4") needlepoint coupler with a 90° bend at the end.



## ZSB swivel

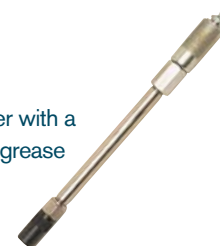
A 360° swivel supplied either separately or with the B2 Booster Gun. Threads 1/8" NPT (M) x 1/4" NPT (F).



# grease extension hoses

## KDE8 extension

A 200 mm (8") push on rigid extension coupler with a nipple to fit onto the KY coupler. For use with grease guns.



## KFR rigid/flexible extension

A 330 mm (13") extension with a sliding sleeve that allows for either flexible or rigid operation. The thread is 1/8" BSP (M) and fitted with a KY coupler.



## accessories

### air equipment

#### PF9 flexible extension

A 230 mm (9") high pressure flexible extension suitable for use with air operated greasing equipment. Its threads are 1/8" BSP (M).



#### PF17 flexible extension

A 430 mm (17") high pressure flexible extension suitable for use with air operated equipment. 1/8" BSP (M) threads.



#### PDF13 push on extension

A 330 mm (13") push on flexible extension for air operated equipment. Ideal for working in confined spaces.



#### PDF21 push on extension

A longer (530 mm or 21") version of the PDF13.



#### PF6 extension hose

A 4 m x 6 mm (1/4") ID high pressure extension hose for air operated greasing equipment. It is supplied with the P3 POWERLUBE® and the P6 MAXILUBE®, and has 1/4" NPT (M) threads.



#### PF8 feeder hose

A 2.5 m x 6 mm (1/4") ID high pressure feeder hose with 1/4" NPT (M) threads suitable for air operated greasing equipment. Supplied with the complete P8 unit (P8-11).



### manual equipment

#### KF9 flexible extension

A 230 mm (9") high pressure flexible extension suitable for Macnaught's manual grease gun range. It is supplied with the K29 Flexigun and K53 Power Pistol, and has 1/8" BSP threads. Can be purchased separately or in packets of 10 (KF9-10)



#### KF17 flexible extension

A 430 mm (17") high pressure flexible extension suitable for the manual grease gun range. 1/8" BSP threads.



### manual equipment

#### KDF13 flexible extension

A 330 mm (13") push on flexible extension with nipple to fit the KY coupler. It is suitable for the manual grease gun range and is ideal for working in confined spaces.



#### KDF21 flexible extension

A longer 530 mm (21") version of the KDF13.



accessories

## air line accessories

### TA-3K lubricator kit

An airline oil lubrication kit for use with the R-Series air powered oil pumps. The oil keeps the air motor free from corrosion and reduces seal wear.



### TA-7K filter & regulator kit

A filter & regulator combination that is designed to regulate the air pressure as well as remove dust, dirt & moisture from the air. Ideal for use with the P3 Powerlube®, P6 Minilube® & P8 Maxilube® grease pumps.



### TA-2K wall mount connector kit

A bracket set to join the TA-7K filter/regulator & the TA-3K lubricator together to form a neat unit.



### TA-5K quick release coupler kit

A snap on connector for easy connection of air powered equipment to the airline.



### TA16 air valve

A simple but very reliable on/off air valve for use with air operated grease and oil pumps



## Oil control gun accessories

### HGNZL automatic nozzle

Fully automatic non-drip nozzle



### HGFM flexible metal extension

300 mm (12") flexible 'set in place' metal extension.



### HGFNZ flexible extension

250 mm (10") flexible extension complete with fully automatic non-drip nozzle



### HGREX rigid extension

150 mm (6") rigid extension.



### HGFEX flexible extension

250 mm (10") flexible extension.



### multi coloured shrouds HG range

Manufactured from oil and shock resistant polyester, these colour coded shrouds provide extra protection to the oil control gun range.



### IM range

Manufactured from oil and shock resistant polyester, these colour coded shrouds provide extra protection to the IM range of meters.



## suction tubes

### TB17S suction tube

A suction tube suitable for use with the R100S (stub) oil pump in drums and tanks to 1200 mm deep. Complete with 1" BSP fixing adaptor.



## accessories

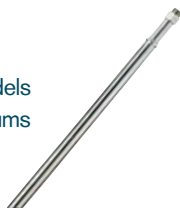
### TB23S suction tube

This is the NPT version of the TB17S.



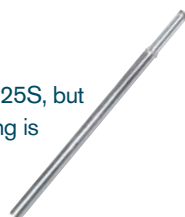
### TB25S suction tube

A suction tube suitable for use with the pump models T112, T312, T512, R500S (stub) oil pumps in drums and tanks to 1200 mm deep. 1" UNF (M) thread.



### TB26S suction tube

This suction tube has the same features as the TB25S, but has a foot valve included for when improved priming is required.



### TD42S suction tube

A suction tube suitable for use with the R300S and R1000S (stub) oil pumps in drums and tanks to 1200 mm deep. Complete with 3/4" BSP fixing adaptor.



### TB24S suction tube

This is the NPT version of the TD42S.



## oil feeder hoses

### TB-20K

A 3 m (10 ft) high-pressure feeder hose suitable for use with the T512 Oilmaster® pump. The hose has an I.D. of 12.5 mm (1/2") and a working pressure of 6 900 kPa (1 000psi, 69 bar).



### TD-25K

This 3 m (10 ft) low pressure feeder hose is ideal for use with the R300 ratio oil pump, and the T312 Oilmaster® pump. The hose has an I.D. of 12.5 mm (1/2") and a working pressure of 2 800 kPa (400 psi, 28 bar).



## fuel filters

### GB fuel filter (10 µm)

GB fuel filter (10 µm)  
Supplied with fittings to suit the GP Rapidflo™ pump.  
Inlet: 1" NPT Outlet: 1" hosetail



### HA fuel filter (10 µm)

Supplied with fittings to suit the HP Litrestroke™ pump.  
Inlet: 1" NPT Outlet: 1" hosetail



### VA fuel filter (10 µm)

Supplied with fittings to suit the PVRH pump.  
Inlet: 1" NPT  
Outlet : 3/4" hosetail



### HA1S fuel filter (10 µm)

Inlet thread: 1" NPT  
Outlet thread: 1" NPT



### HA7S filter element (10 µm)

The 10 µm filter element used in the GB, HA and VA fuel filters. Supplied with seals.



## accessories

### fuel strainers

Stainless steel mesh elements used in the GB, HA and VA fuel filters.  
HASS40 (40 mesh Stainless Steel)  
HASS80 (80 mesh Stainless Steel)



### DF

Fittings for connecting DM 100/150 meters to GE12/24 fuel pumps.



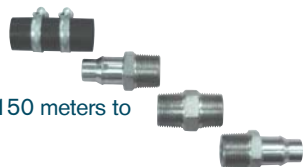
### DG

Fittings for connecting DM 100/150 meters to GP pumps.



### DH

Fittings for connecting DM 100/150 meters to HP pumps.



### DV

Fittings for connecting DM 100/150 meters to PVRH pump.



## fuel nozzles

### CF strainer

This fine mesh strainer may be used in conjunction with Macnaught's C-Series range of pumps (C7, C11 and C13) for pumping transmission fluids or hydraulic oils. The CF is included in the pump when the CF7 (CF-51) Oil Pump is ordered.



### HNU nozzle



Suitable for unleaded petrol, this nozzle is designed to fit either the GP Rapidflo™ or the HP Litrestroke™ pumps.

### MNL manual nozzle – leaded petrol

Flow rate up to 70 L/min  
Inlet: 1" BSP  
Outlet Tube: 1"

### MNU manual nozzle – unleaded

Flow rate up to 45 L/min  
Inlet: 3/4" BSP  
Outlet tube: 13/16"



### ANL automatic nozzle – leaded

Flow rate up to 60 L/min  
Comes complete with 3/4" BSPT (M) x 1" BSPP (F) swivel  
Inlet: 3/4" BSP  
Outlet tube: 15/16"

### ANU automatic nozzle – unleaded

Automatic unleaded nozzle. Flow rate up to 45 L/min  
Inlet: 3/4" BSP  
Outlet tube: 13/16"



### MNHF manual nozzle high-flow – diesel

Dual hi flo diesel nozzle. Flow rate up to 260 L/min  
Inlet: 1 1/2" BSP  
Outlet tube: 1 5/8" "

## accessories

### ANHF automatic nozzle high-flow – diesel

Automatic hi flo diesel nozzle.  
Flow rate up to 120 L/min  
Inlet: 1" BSP  
Outlet tube: 1 3/16"

## swivels (to suit auto nozzles)

### ASB1925 swivel

3/4" BSPT x 1" BSPP female swivel suitable for use with the ANL and ANU automatic nozzles



### ASB1919 swivel

3/4" BSPT male and female swivel suitable for use with the ANL and ANU automatic nozzles

### ASB2525 swivel

1" BSPT male and female swivel suitable for use with the ANHF automatic nozzle

## trolleys

### TR5 trolley

Designed to suit 15 L (4 US g) to 25 L (6 US g) oil, and 12.5 kg (28 lbs) to 22 kg (48 lbs) grease containers.



### TR6 trolley

Designed to suit 50 L (13 US g) to 60 L (16 US g) oil, and 50 kg (110 lbs) to 55 kg (120 lbs) grease containers.



### TR60 trolley

Designed to suit 50 L (13 US g) to 60 L (16 US g) oil drums.



### TRSD square drum trolley

Designed to suit 20 L (5 US g) to 25 L (6 US g) square drums



### TR205 drum trolley

Designed to suit drums up to 205 L (55 US g) or 180 kg (400 lbs), this drum trolley is ideal for use in portable oil or grease systems. Includes wheel brake.



### 205HDL hydraulic drum trolley

Heavy duty hydraulic lift drum trolley designed to suit drums up to 205 L (55 US g) or 180 kg (400 lbs).



### MCTR20 band dolly

Designed to suit drums up to 20 L / 18 kg.



### MCTR30 band dolly

Designed to suit drums up to 60 L / 55 kg.

accessories

## general accessories

### KT5 (2.5 kg) grease container KT6 (5 kg) grease container

An optional grease container ideal for use in conjunction with the K7 Minilube®. Also available is the K7-24, a complete Minilube® system which includes the K7 and KT5 container.



### BB100 retracta® bracket

An optional bracket for mounting Retracta® hose reels on a bench, floor or high wall.



### BU100 retracta® bracket

Standard bracket supplied with all Retracta® hose reels for either wall or overhead mounting.



### GBP1 grease bearing packer

Suitable for greasing bearings with a minimum ID of 12 mm (1/2"), maximum OD of 125 mm (5"), and a height up to 50 mm (2").



### TD20 wall bracket

A 2" wall mounting bracket for remote installations and suitable for use with all of Macnaught's air operated oil pumps



### OBTP pump mounted oil bar tap

Suitable to use with R and T Series ratio oil pumps up to 5 500 kPa (800 psi, 55 bar) working pressure. In built strainer.



### OBTW wall mounted oil bar tap

Suitable to use with R and T Series ratio oil pumps up to 5 500 kPa (800 psi, 55 bar) working pressure. In built strainer.



### GGH grease gun holder

Grease Gun holder for 450 g barrels (63 mm diameter)



### DWA aluminium drum wrench

Aluminium drum wrench for 2" and 3/4" drum plugs.



### GFU grease fitting unblocker

Opens clogged grease fittings and loosens hardened grease joints Excellent for maintaining and protecting bearings, control arms, joints, king pins, etc. Comes complete with grease coupler for connection onto the grease fitting and 2 spare seals for replacing the piston seals as they wear



## quick selection guide

### OIL CONTROL GUNS

MODEL	EXTENSION TYPE	METER	FLOW RATE SAE30	OPERATING PRESSURE	GUN WEIGHT
IH20F	Flexible	No	30 L/min	10 350 kPa (1 500 psi)	0.8 kg
IH20R	Rigid	No	30 L/min	10 350 kPa (1 500 psi)	0.8 kg
HG100	Flexible	No	57 L/min	7 000 kPa (1 000 psi)	2.2 kg
HG100-75	Flexible	No	57 L/min	7 000 kPa (1 000 psi)	3.2 kg
HG40 (Mechanical)	Rigid	Yes	30 L/min	10 350 kPa (1 500psi)	1.1 kg
HG45 (Mechanical)	Rigid	Yes	30 L/min	10 350 kPa (1 500psi)	1.1 kg
HG55 (Electronic Reset)	Rigid	Yes	30 L/min	10 350 kPa (1 500psi)	1.1 kg
HG60 (Electronic Preset)	Rigid	Yes	30 L/min	10 350 kPa (1 500psi)	1.1 kg
MH40R (Mechanical)	Rigid	Yes	30 L/min	10 350 kPa (1 500psi)	1.3 kg
MH40F (Mechanical)	Flexible	Yes	30 L/min	10 350 kPa (1 500psi)	1.3 kg
MH50R (Electronical)	Rigid	Yes	30 L/min	10 350 kPa (1 500psi)	1.3 kg
MH50F (Electronical)	Flexible	Yes	30 L/min	10 350 kPa (1 500psi)	1.3 kg

### AIR OPERATED OIL PUMPS

MODEL	CONTAINER SIZE			SUCTION TUBE**		SUITABLE TO USE WITH				FLOW RATE (Free flow at the pump with ATF)	SUITABLE FOR USE WITH HOSE REEL
	Bulk tank*	205 L	60 L	FIXED	TELESCOPIC	SAE 30	SAE 60	SAE 90	SAE 140		
R100T	✓	✓	✓	Yes	No	✓	✓	✓	✓	60 L/min	x
R100S	✓*	✓*	✓	No	Yes	✓	✓	✓	✓	60 L/min	x
R300T	✓	✓	✓	Yes	No	✓	✓	✓	✓	23 L/min	✓
R300S	✓*	✓*	✓	No	Yes	✓	✓	✓	✓	23 L/min	✓
R500T	✓	✓	✓	Yes	No	✓	✓	✓	✓	28 L/min	✓
R500S	✓*	✓*	✓	No	Yes	✓	✓	✓	✓	28 L/min	✓
R1000T	✓	✓	✓	Yes	No	✓	✓	✓	✓	15 L/min	✓
R1000S	✓*	✓*	✓	No	Yes	✓	✓	✓	✓	15 L/min	✓
T112 Oilmaster*	✓*	✓*	✓*	No	Yes	✓	✓	✓	✓	27 L/min	x
T312 Oilmaster*	✓*	✓*	✓*	No	Yes	✓	✓	✓	✓	15 L/min	✓
T512 Oilmaster*	✓*	✓*	✓*	No	Yes	✓	✓	✓	✓	15 L/min	✓

\* Refer to our catalogue or Macnaught reseller for correct suction tube selection

\*\* To suit 60 L, 205 L or Tanks

Note: It's always advisable to ensure the pressure rating of all plumbing, connections and hoses meet the standard required for the selected pump(s) and compressor combinations.

### HAND OPERATED OIL/FUEL PUMPS

MODEL	VOLUME DELIVERED	CONTAINER SIZE			FUEL			SAE OIL				OTHER NON-CORROSIVE LIQUIDS	DELIVERY HOSE/NOZZLE
		15-25 L	60 L	205 L tank 1.4 m deep	PETROL (LP)	DIESEL	KEROSENE	SAE 30	SAE 60	SAE 90	SAE 140		
C4 Multi-Purpose#	100 mL/stroke	✓	x	x	x	✓	✓	✓	x	x	x	✓	x
C4H Multi-Purpose#	100 mL/stroke	✓	x	x	x	✓	✓	✓	x	x	x	✓	✓
C7 Oil Pump#	100 mL/stroke	✓	x	x	x	✓	✓	✓	✓	✓	✓	x	✓
C11 Gear Oil Pump*	75 mL/stroke	x	x	✓	x	x	x	✓	✓	✓	✓	x	✓
C13 Gear Oil Pump*	75 mL/stroke	x	✓	x	x	x	x	✓	✓	✓	✓	x	✓
A2 Multi Purpose	250 mL/stroke	x	✓	✓	✓	✓	✓	✓	✓	✓	x	✓	x
A2H Pump	250 mL/stroke	x	✓	✓	x	✓	✓	✓	✓	✓	x	✓	✓
GP Rapid-Flo**	Up to 100 L/min	x	✓	✓	✓	✓	✓	✓	x	x	x	x	✓
HP Litre Stroke**	up to 40 L/min	x	✓	✓	✓	✓	✓	✓	x	x	x	x	✓
PVRH Rotary Pump**	Up to 20 L/min	x	✓	✓	x	✓	✓	✓	✓	✓	x	x	✓
PVR Pump**	Up to 20 L/min	x	✓	✓	x	✓	✓	✓	✓	✓	x	x	x
S20H/HA**	340 mL/stroke	✓	x	x	x	✓	✓	✓	✓	✓	✓	x	✓
S60H/HA**	500 mL/stroke	x	✓	x	x	✓	✓	✓	✓	✓	✓	x	✓
C16 Suction Pump	500 mL/stroke	x	x	x	x	x	x	✓	✓	✓	x	x	✓

\* CF Strainer option available for auto transmission fluids

\*\* Filter option available

# Available in zinc for underground coal mining use. Modify suction tube to suit.

Macnaught Pty Ltd advises that due to ongoing research and development, product specifications as indicated in this catalogue may change without prior notice.



## HAND OPERATED GREASE GUNS AND PUMPS

	TYPE	FILLING METHOD			2.5 kg	20 kg	PRESSURE CREATED (UP TO)	VOLUME PER SHOT	PUMPS NLGI #2 GREASES
		Cartridge	Bulk	J2 Pump					
<b>K45/K45 Levergun</b>	Lever action	✓	✓	✓	–	–	69 000 kPa (10 000 psi)	1.5 gms	✓
<b>K29/K32 Flexigun*</b>	One hand operation	✓	✓	✓	–	–	52 000 kPa (7 500 psi)	0.68 gms	✓
<b>K6/KR Minilube</b>	Manual/spring loaded lubrication	x	✓	✓ KT5 ✓ KT6 Container	✓	x	69 000 kPa (10 000 psi) on high pressure	High volume - 1.25 g  High pressure - 0.45 g	✓
<b>K3/KR Superlube</b>	Manual/spring loaded lubrication	x	x	x	x	✓	69 000 kPa (10 000 psi) on high pressure	High volume - 1.25 g High pressure - 0.45 g	✓
<b>J2 Grease Pump</b>	Fast and Easy loading of KT5, K29 and K45	N/A			x	✓	N/A	54 g/stroke	✓

\* model available in zinc for underground coal mining application

## AIR OPERATED GREASE GUNS AND PUMPS

MODEL	TYPE	FILLING METHOD			20 kg	55 kg	180 kg	50:1	AIR PRESSURE Air Motor	PRESSURE CREATED* OPERATING RANGE	PUMP OUTPUT / VOLUME (Up to)
		Cartridge	Bulk	J2 Pump							
<b>K53/K54 Power Pistol</b>	Single shot, single hand operation	✓	✓	✓	x	x	x	✓	400 - 1 030 kPa (60 - 150 psi)	34 500 kPa (5 000 psi)	0.68 g per shot
<b>P3 Powerlube</b>	20kg lubrication system, portable with TR5 trolley	x	x	x	✓	x	x	✓	400 - 1 030 kPa (60 - 150 psi)	34 500 kPa (5 000 psi) line pressure 69 000 kPa (10 000 psi) boost pressure	Typically 380 g/min at 690 kPa (100 psi) using 4m x 6mm hose with NLGI No.2.
<b>P6 Maxilube</b>	55 kg lubrication system, portable with TR6 Trolley	x	x	x	x	✓	x	✓	400 - 1 030 kPa (60 - 150 psi)	34 500 kPa (5 000 psi) line pressure 69 000 kPa (10 000 psi) boost pressure	Typically 380 g/min at 690 kPa (100 psi) using 4m x 6mm hose with NLGI No.2.
<b>P8 Maxilube</b>	180 kg lubrication system, available as a complete unit or in component form	x	x	x	x	x	✓	✓	400 - 1 030 kPa (60 - 150 psi)	34 500 kPa (5 000 psi) line pressure 69 000 kPa (10 000 psi) boost pressure	Typically 380 g/min at 690 kPa (100 psi) using 4m x 6mm hose with NLGI No.2.

\* With compressor at 690 kPa (100 psi)

Macnaught's range of air operated pumps easily connect to any small compressor from 0.08 m<sup>3</sup>/min (3cfm) and are compatible to NLGI No. 2 Greases.

A wide range of accessories are available - please refer to full Macnaught catalogue for all the details.

The P3, P6 and P8 have no exposed aluminium and are suitable for underground coal mining.

## ENCLOSED METAL REEL RANGE

Model	Description	Hose ID	Hose Length	Working Pressure	Max Op Temp	Reel Inlet	Hose Outlet
<b>EMA1015</b>	Air/Water	10 mm (3/8")	15 m	3000 kPa (430 psi)	80°C	3/8" BSP	3/8" BSP
<b>EMA1210</b>	Air/Water	12 mm (1/2")	10 m	3000 kPa (430 psi)	80°C	1/2" BSP	1/2" BSP
<b>EMG0615</b>	Grease	6 mm (1/4")	15 m	34 500 kPa (5000 psi)	100°C	1/4" BSP	1/4" BSP
<b>EMO1210</b>	Oil	12 mm (1/2")	10 m	13 800 kPa (2000 psi)	100°C	1/2" BSP	1/2" BSP

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## RETRACTA® AUTO REWIND HOSE REELS

Model	Description	Hose ID	Hose Length	Working Pressure	Hose Material	Reel Colour	Hose Colour	Max Working Temp.	Reel Inlet (BSP/NPT)	Hose Outlet (BSP/NPT)	Weight	Max. Viscosity
AB100	air breathing	10 mm	17 m	1 700 kPa (250 psi)	reinforced PVC	blue	yellow	60° C	3/8"	1/4"	10 kg	n/a
AR100	compressed air	10 mm	20 m	1 700 kPa (250 psi)	reinforced PVC	red	red	60° C	3/8"	1/4"	10 kg	n/a
AR200	compressed air	12.5 mm	15 m	1 700 kPa (250 psi)	reinforced PVC	red	yellow	60° C	3/8"	3/8"	10 kg	n/a
AW100	compressed air/water	10 mm	20 m	1 700 kPa (250 psi)	reinforced PVC	blue	blue	60° C	3/8"	1/4"	10 kg	n/a
AW150	compressed air/water	10 mm	15 m	1 700 kPa (250 psi)	reinforced PVC	blue	blue	60° C	3/8"	1/4"	10 kg	n/a
AW200	compressed air/water	12.5 mm	15 m	1 700 kPa (250 psi)	reinforced PVC	blue	blue	60° C	3/8"	3/8"	10 kg	n/a
CW100	cold wash	12.5 mm	15 m	1 000 kPa (150 psi)	reinforced PVC	blue	white	60° C	3/8"	hose nozzle	10 kg	n/a
DR100	garden water	12.5 mm	18 m	860 kPa (125 psi)	reinforced PVC	green	green	60° C	3/8"	hose nozzle	10 kg	n/a
FG100	food gas/CO <sup>2</sup>	6 mm	20 m	1 700 kPa (250 psi)	NTP	red	clear	60° C	3/8"	1/4"	10 kg	n/a
FR300	foam	16 mm	10 m	1 000 kPa (150 psi)	reinforced PVC	white	white	60° C	3/8"	N/A	10 kg	n/a
GR100	grease	6 mm	10 m	34 500 kPa (5000 psi)	reinforced rubber (SAE 100R2)	black	black	n/a	1/4"	1/4"	13 kg	n/a
HW100	hot water	12.5 mm	12 m	1 400 kPa (200 psi)	reinforced rubber	red	red	90° C	3/8"	3/8"	10 kg	n/a
HWP100*	high pressure hot water	10 mm	12 m	20 700 kPa (3000 psi)	reinforced rubber (SAE 100 R2AT)	red	black	95° C	3/8"	3/8"	12 kg	n/a
OA100**	oxy/acetylene	5 mm	15 m	1 400 kPa (200 psi)	reinforced rubber (AS 1335)	blue	red/blue**	n/a	5/8" UNF	5/8" UNF	13 kg	n/a
OLPG100**	oxy/LPG gas	5 mm	15 m	1 400 kPa (200 psi)	reinforced rubber (AS 1335)	black	orange/blue**	n/a	5/8" UNF	5/8" UNF	13 kg	n/a
OLP100	low pressure oil	12.5 mm	10 m	2 800 kPa (400 psi)	reinforced rubber (SAE 100R6)	blue	black	95° C	3/8"	1/2"	10 kg	SAE 140
OMP100	medium pressure oil	10 mm	10 m	6 900 kPa (1000 psi)	reinforced rubber (SAE 100R1)	blue	black	n/a	3/8"	1/2"	13 kg	SAE 140
PW100	potable water	12.5 mm	15 m	1 000 kPa (150 psi)	reinforced LDPE	blue	blue	60° C	3/8"	3/8"	10 kg	n/a
WP100	weedicide/pesticide	10 mm	16 m	1 700 kPa (250 psi)	reinforced PVC	red	red	60° C	3/8"	1/4"	10 kg	n/a

\* HWP100 is not suitable for use with steam

\*\* Specifications for OA100/OLPG100 are for Australian models only.

## SINGLE PEDESTAL RANGE

Model	Description	Hose ID	Hose Length	Working Pressure	Max Op Temp	Reel Inlet	Hose Outlet
MAS1020	Air/water	10mm (3/8")	20 m	2 100 kPa (300 psi)	80 °C	3/8" BSP	3/8" BSP
MAS1220	Air/water	12 mm (1/2")	20 m	2 100 kPa (300 psi)	80 °C	1/2" BSP	1/2" BSP
MGS0615	Grease	6 mm (1/4")	15 m	34 500 kPa (5000 psi)	100 °C	1/4" BSP	1/4" BSP
MOS1220	Oil	12 mm (1/2")	20 m	6 900 kPa (10 000 psi)	100 °C	1/2" BSP	1/2" BSP

## HEAVY DUTY TWIN PEDESTAL RANGE

Model	Description	Hose ID	Hose Length	Working Pressure	Hose Rewind	Max Op Temp	Reel Inlet	Hose Outlet
MATP1220	Air/Water	12 mm (1/2")	20 m	2100 kPa (300 psi)	Spring	80°C	1/2" BSP	1/2" BSP
MATP1920	Air/Water	19 mm (3/4")	20 m	2100 kPa (300 psi)	Spring	80°C	3/4" BSP	3/4" BSP
MDTP2520	Diesel	25 mm (1")	20 m	3500 kPa (500 psi)	Spring	80°C	1" BSP	1" BSP
MDTP3820	Diesel (electric 24V)	38 mm (1 1/2")	20 m	3500 kPa (500 psi)	24 V DC	80°C	1 1/2" BSP	1 1/2" BSP
MGTP0615	Grease	6 mm (1/4")	15 m	34 500 kPa (5,000 psi)	Spring	100°C	1/4" BSP	1/4" BSP
MGTP0915	Grease	9 mm (3/8")	15 m	34 500 kPa (5,000 psi)	Spring	100°C	3/8" BSP	3/8" BSP
MOTP1220	Oil	12 mm (1/2")	20 m	6900 kPa (1,000 psi)	Spring	100°C	1/2" BSP	1/2" BSP
MOTP1920	Oil	19 mm (3/4")	20 m	6900 kPa (1,000 psi)	Spring	100°C	3/4" BSP	3/4" BSP
WPTP1050	Weedicide/pesticide (electric 24V)	10 mm (3/8")	50 m	3500 kPa (500 psi)	24 V DC	80°C	3/8" BSP	3/8" BSP
SSR1320N	Stainless steel	13 mm (1/2")	Bare reel	20 700 kPa (3,000 psi)	Spring	N/A	1/2" BSP	N/A
SSR2520N	Stainless steel	25 mm (1") Swivel	Bare reel	13 800 kPa (2,000 psi)	Spring	N/A	1" BSP	N/A

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## macnaught warranty

1. Macnaught Pty Ltd ("Macnaught") warrants that all products manufactured by Macnaught and/or supplied by Macnaught under the "Macnaught" brand, excluding M-SERIES, MEC-SERIES and WM-SERIES positive displacement meters ("Meters") and components subject to wear, will be free from any defects caused by faulty materials or workmanship ("Warranty") for a period of 5 years from the date of purchase of the product.
2. For products (excluding Meters) which carry the "Macnaught Design" endorsement, an additional Warranty period of 5 years applies to all mechanical components (excluding electronic and electrical components), giving a total Warranty period of 10 years.
3. For Meters, the Warranty period is 2 years from the date of purchase of the product.
4. For components contained in all products which are usually subject to wear from normal operation of the products (such as o-rings, seals, springs, hoses and batteries), the Warranty period is 12 months from the date of purchase of the relevant product.
5. For products and components which are not manufactured by Macnaught and are supplied by Macnaught under a brand name other than "Macnaught", the Warranty period is the longer of 12 months from the date of purchase of the relevant product and the period of the manufacturer's warranty.
6. The warranties contained in clauses 1, 2, 3, 4 and 5 above are conditional on the purchaser, during the relevant Warranty period: a. delivering to Macnaught a detailed notice setting out full details of any defect in any product and details of the date and place of purchase (together with copies of purchase receipts and/or other supporting documents), and b. at the purchaser's own cost, returning the defective product to the nearest authorised Macnaught service centre.
7. Subject to compliance by the purchaser with clause 6, Macnaught shall, at its option, repair or replace any product or component found defective by its inspection by reason of faulty materials or workmanship of Macnaught.
8. This Warranty does not cover the failure of products, parts or components which, in the sole judgment of the Macnaught, arises other than from faulty materials or workmanship of Macnaught, including misuse, abrasion, corrosion, negligence, accident, substitution of non-Macnaught parts, unauthorised modification, improper use, storage or handling, faulty installation or tampering by the purchaser or any third party.
9. If Macnaught's inspection discloses no defect in material or workmanship, repair or replacement and return (at Macnaught's sole option) will be made at customary charges, which will be advised to the purchaser.
10. Macnaught's liability and the purchaser's rights under this Warranty shall be limited to the repair or replacement of defective products or components and particular, shall not extend to any direct, special, indirect or consequential damage or losses of any other warranties.
11. The foregoing Warranty supersedes, voids and is in lieu of any other warranties.

This Warranty does not form part of, nor does it constitute, a contract between Macnaught and the end-user or purchaser. It is additional to any warranty given by the seller of the products. This Warranty does not exclude, limit, restrict or modify the non-excludable rights or remedies conferred upon the end-user or purchaser, or the non-excludable duties or liabilities imposed on the seller or Macnaught, by Part V, Division 2, 2A, and Part VA of the Trade Act 1974 (Commonwealth) or other rights conferred on the end-user or purchaser or duties or liabilities imposed upon Macnaught.



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