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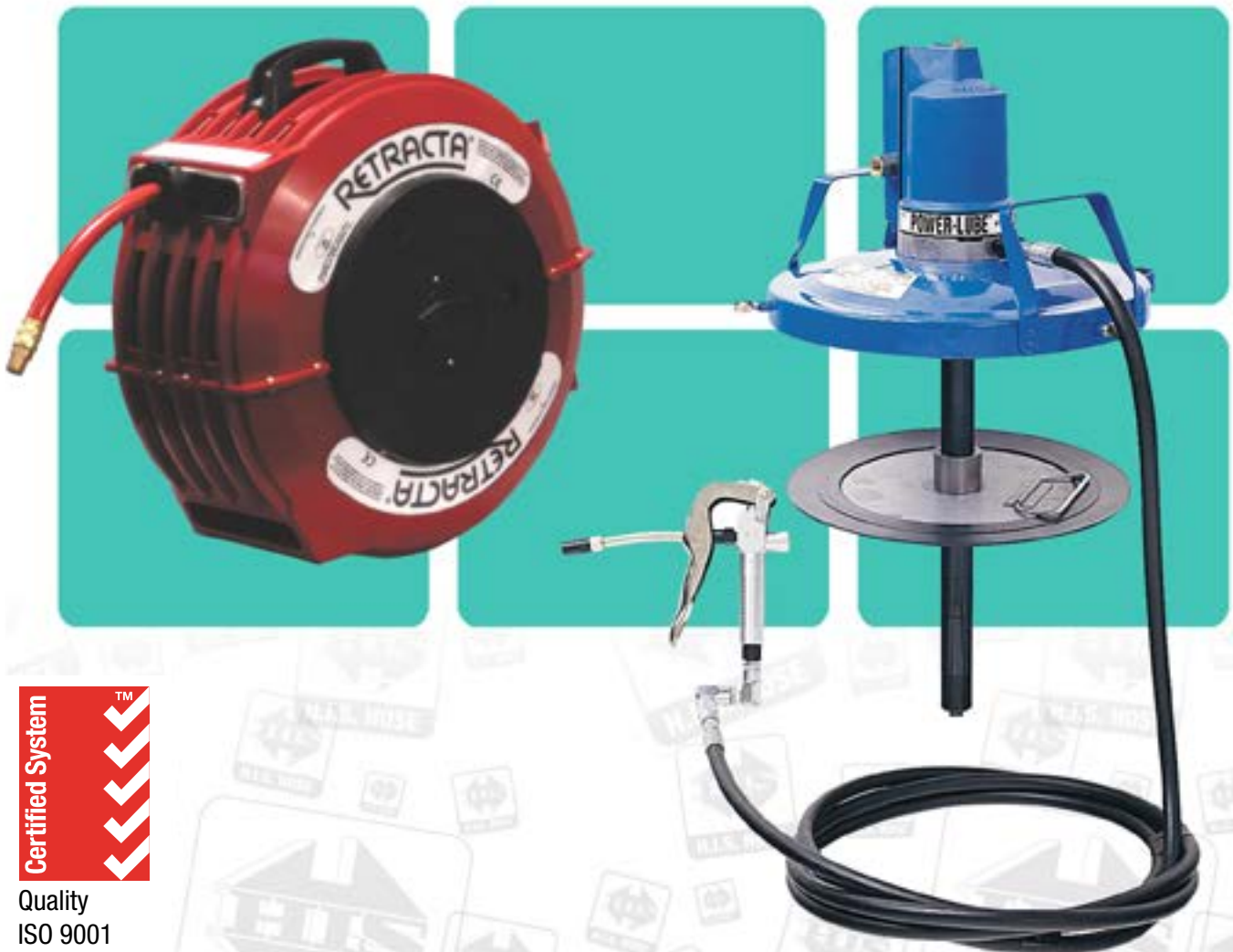
INDUSTRIAL



Proprietary Limited

CATALOGUE

LUBRICATION



Quality
ISO 9001

SAI GLOBAL
CERT NO QEC22270

Industrial • Hydraulics • Ducting • Pneumatics

WESTERN BRANCH

28 Spencer Street
Sunshine West Vic 3020
Tel: (03) 8311 7400
Fax: (03) 9311 2322

EASTERN BRANCH

73-81 Bessemer Drive
Dandenong South Vic 3175
Tel: (03) 9794 9299
Fax: (03) 9794 9992

NORTHERN BRANCH

169-171 Northbourne Rd
Campbellfield Vic 3061
Tel: (03) 9305 4600
Fax: (03) 9305 4231

Other Catalogues Available:



▶ *IPL Plastic Hose*



▶ *Barfell Plastic Hose & Tubes*



▶ *Automotive*



▶ *Plastic Tubing & Recoil Hose*



▶ *Flexible Ducting*

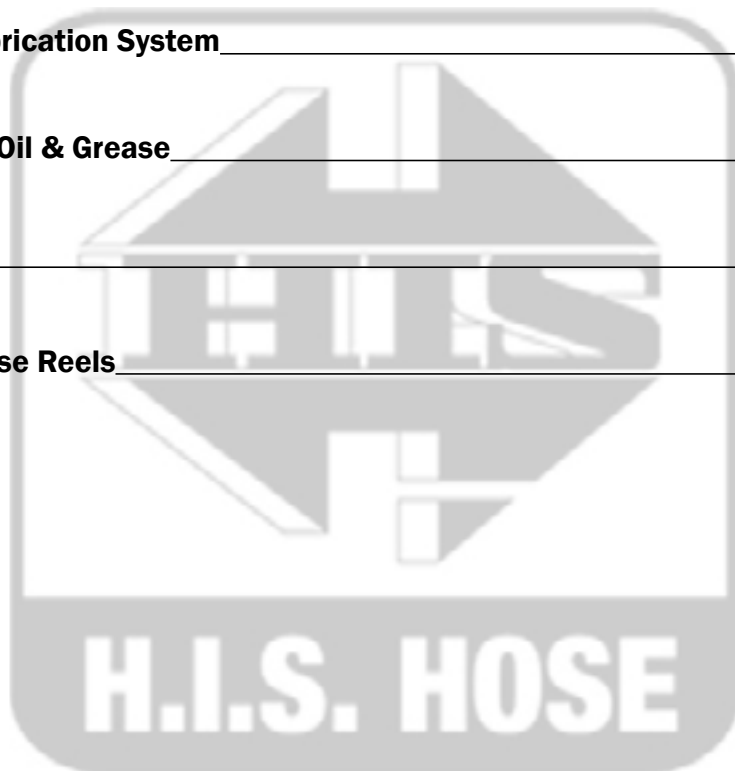


▶ *Hose Clamps & Clips*

- Hose Clips
- Hose Clamps
- Normacnect
- Oetiker Swing Couplers

Contents:

'MacNaught' Oil & Grease Equipment	4 - 15
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Lubricating Oil & Grease	18 & 19
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Retracta Hose Reels	22 & 23



MINI-LUBE & SUPER-LUBE

K3 SUPER-LUBE

The K3 Super-Lube is a manual greasing system designed for powerful, professional greasing. 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:

- includes pump unit lid, rubber edged follower, 3 m (10ft) x (1/2") ID delivery hose, and the high pressure, high volume KR grease gun (all components available separate)
- spring loaded pump system provides 60 shots of grease
- suitable for greases up to and including NLGI No.2
- 360 swivel to prevent hose kinking
- fully sealed to prevent contamination
- optional TR5 drum trolley to provide portability
- 5 year warranty
- 10 year parts availability

Specifications:

- **wetted components:** Aluminium, steel, brass and nitrile rubber
- **gun pressure (on high pressure):** up to 69,000 kPa (10,000 psi, 690 bar)
- **output:** approx. 1.25 g on the high volume switch approx. 0.45 g on the high pressure switch (to clear a blocked or seized nipple)

Accessories:

- KZD Needlenose Coupler
- KZHY Hyperdermic Needlepoint coupler
- KFR_Rigid/Flexible Extension
- KDF1 3 Flexible Extension
- TR5 Trolley



K3 Super-Lube

K6 MINI-LUBE

The K6 Mini-Lube is a portable, manual greasing system designed for use both in workshop environments and for on site applications. 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:

- includes pump unit, lid, rubber edged follower, 1.5m (5ft) x 1/2" ID delivery hose, and the high pressure, high volume KR grease gun (all components also available separately)
- K6-24 contains the above items plus a 2.5kg (5lbs) refillable container (KTS), while the K6-67 contains the above items plus a 5kg (11lbs) refillable container (KT6)
- spring loaded pump system provides 30 shots of grease
- suitable for greases up to and including NLGI No.2
- 360° swivel to prevent hose kinking
- fully sealed to prevent contamination
- 5 year warranty
- 10 year parts availability

Specifications:

- **wetted components:** Aluminium, steel, brass and nitrile rubber
- **gun pressure (on high pressure):** up to 69,000 kPa (10,000 psi, 690 bar)
- **output:** approx. 1.25 g on the high volume switch approx. 0.45 g on the high pressure switch (to clear a blocked or seized nipple)

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



K6 Mini-Lube

P3 POWER-LUBE

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

Features:

- suitable for underground coal mine use
- non-corroding air motor which operates quietly
- complete unit supplied with pump lid, rubber edged follower plate, 4m (13ft) x 6mm (1/4") ID SAE 100 R2 delivery hose, and B2 Booster Gun with 360 high pressure ZSB swivel (all components are available separately)
- handles up to and including NLGI No.2 greases
- no requirement for air line lubricator
- optional trolley available (TR5) for a portable system
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
- **output:** approx. 460 g of NLGI No.2 grease per min
- **max. air pressure:** 1030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. compressor size:** 0.08 m³/min (3 cfm)
- **air inlet:** 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) (boost pressure)
- **hose thread:** 1/4" NPT (M)

Accessories:

- TR6 Trolley
- PDE1 3 Push On Extension
- PDF21 Push On Extension
- TA-4K Pressure Regulator Kit



P3 Power-Lube

P6 MAXI-LUBE

The P6 Maxi-Lube is a 50:1 ratio pump offering all the same features as the P3, yet has models available to suit grease containers from 50 kg (110 lbs) to 55 kg (120 lbs).

Features:

- suitable for underground coal mine use
- non-corroding air motor which operates quietly
- complete unit supplied with pump lid, rubber edged follower plate, 4 m (13 ft)x 6mm (1/4") ID SAE 100 R2 delivery hose, and B2 Booster Gun
- with 3600 high pressure ZSB swivel (all components are available separately)
- handles up to and including NLGI No.2 greases
- no requirement for air line lubricator
- optional trolley available (TR6) for a portable system
- 5 year warranty
- 10 year parts availability

Specifications:

- **wetted components:** zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
- **output:** approx. 460 g of NLGI No.2 grease per min
- **max. air pressure:** 1030 kPa (150 psi, 10.3 bar)
- **min. air pressure:** 400 kPa (60 psi, 4 bar)
- **min. compressor size:** 0.08 m³/min (3 cfm)
- **air inlet:** 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"

Accessories:

- TR6 Trolley
- PDE1 3 Push On Extension
- PDF21 Push On Extension
- TA-4K Pressure Regulator Kit



P6 Maxi-Lube



TR5 Trolley

TR5 AND TR6 DRUM TROLLEY

Model TR5 suits 20kg grease pails or 20-25 litre drums. Model TR6 suits 55kg grease drums or 60 litre oil drums.

Email Enquiries: admin@hishose.com.au

FLEXIGUN

K29 450G (15.9OZ) CARTRIDGE
K29-Z ZINC VERSION 450 G (15.9OZ) CARTRIDGE
K32 400G (14.5OZ) CARTRIDGE

K29 Flexigun



The Flexigun is a high quality pistol grip grease gun, incorporating a unique variable stroke operation. The Flexigun is able to reach increased greasing pressures from short strokes and high greasing volumes from full strokes.

Features:

- one hand operation
- handles up to and including NLGI No.2 greases
- supplied complete with 230 mm (9') flexible extension and KY coupler
- can be filled by bulk, cartridge or the J2 Grease Pump
- optional range of couplers and extensions available
- zinc version (K29-Z) available for use in underground coal mines
- fully repairable
- also available in the FGK1 Flexi Greasing Kit
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Aluminium, steel and nitrile rubber (and zinc for model K29-Z)
- **output:** up to 52,000 kPa (7,500 psi, 520 bar) 0.68g per shot

LEVERGUN

K40 400G (14.5OZ) CARTRIDGE
K45 450G (15.9OZ) CARTRIDGE



K45 levergun

The Levergun is a high quality, lever action grease gun manufactured for professional use. Designed for high pressure, high volume greasing, this classic gun can easily clear blocked or damaged grease nipples.

Features:

- two hand operation
- handles up to and including NLGI No.2 greases
- supplied complete with 170 mm (6 3/4") rigid extension and KY coupler
- can be filled by bulk, cartridge or the J2 Grease Pump
- optional range of couplers and extensions available
- fully repairable
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Aluminium, steel and nitrile rubber
- **output:** up to 69,000 kPa (10,000 psi, 690 bar) 1.5g per shot

POWER-PISTOL

K53 450G (14.9 OZ) CARTRIDGE
K54 400G (14.5 OZ) CARTRIDGE



K53 Power-pistol

The Power-Pistol is a single shot air operated grease gun providing the convenience of portability with effortless air operation. The gun is capable of operating at low air consumption, making it the ideal tool for use with trucks and buses utilising the air brake compressor.

Features:

- can be filled by bulk, cartridge or the J2 Grease Pump
- handles up to and including NLGI No.2 greases
- one handed, single shot trigger operation
- supplied with 230 mm (9") flexible extension (KR) and KY coupler
- optional range of couplers and extensions available
- fully repairable
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Aluminium, steel, brass and nitrile rubber
- **output:** approx. 0.7g per shot
- **pressure ratio:** 50:1 (grease pressure is 50 times air pressure)
- **max. air pressure:** 825 kPa (120 psi, 8 bar) (recom. is 620 kPa, 90 psi, 6 bar)
- **min. air pressure:** 275 kPa (40 psi, 2.75 bar)
- **min. compressor size:** 0.026m³/min (1cfm)
- **air inlet:** 1/4" BSP (M)

DISPENSING GUNS

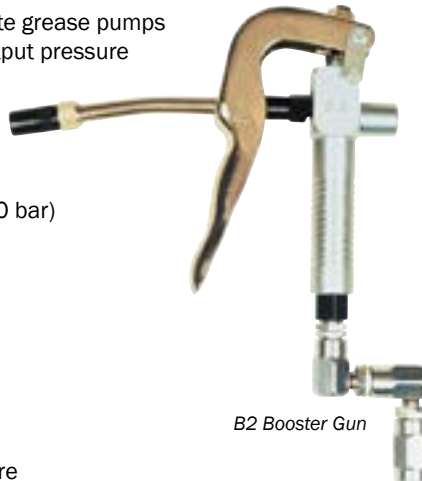
BOOSTER GUN – B2

Features:

- suitable for air powered greasing applications
- supplied as a standard gun on the P3, P6 & P8 complete grease pumps
- a couple of simple presses of the trigger will double output pressure
- supplied with 360° ZSB Swivel
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** mild steel and nitrile rubber
- **max. operating pressure:** 69,000 kPa (10,000 psi, 690 bar)
- **swivel inlet:** 1/4" NPT (F)



B2 Booster Gun

PRESSURITE GUN – KR

Features:

- suitable for manual powered greasing applications
- supplied with the K3 Super-Lube & K6 Mini-Lube
- can deliver grease at either high volume or high pressure
- suitable for greases up to & including NLGI No.2
- 360° swivel to prevent hose kinking
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** aluminium, steel and nitrile rubber
- **max. operating pressure:** 69,000 kPa (10,000 psi, 690 bar)
- **output:** approx. 1.25g on the high volume switch & approx 0.45g on the high pressure switch (to clear a block or seized nipple)



KR - Pressurite Gun

DRUM PUMPS

C4 OIL PUMP

These fully serviceable, long life, low cost pumps have been engineered for trouble free use and can be used with a wide variety of non-corrosive liquids.

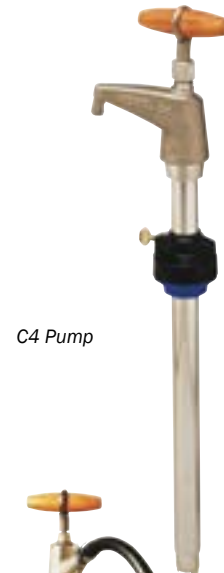
Pump operates on the lift stroke.

Features:

- suitable for kerosene, two stroke mix and non-corrosive solvents up to SAE 30
- sliding bung adaptors suit 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)
- C4H comes with 1.8 m hose and non-drip nozzle
- fully serviceable
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Aluminium, steel, nitrile, delrin and zinc (C4-Z)
- **output:** approx. 100ml on the lift stroke



C4 Pump

C7 OIL PUMP

These fully serviceable, long life, low cost pumps have been engineered for trouble free use and can be used with a wide variety of non-corrosive liquids.

Pump operates on the down stroke.

Features:

- suitable for kerosene, two stroke mix and non-corrosive solvents up to SAE 140
- sliding bung adaptors suit containers from 15 L (4 US gal) to 25 L (6 US gal)
- zinc versions are available for use in underground coal mines
- fully serviceable
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Aluminium, steel, nitrile, delrin and zinc (C7-Z & CF7-Z only)
- **output:** approx. 100ml on the down stroke



C7 Pump



GP rapid flo



HP Litre-stroke



A2H All Purpose Pump

DRUM PUMPS

RAPID FLO – GP

The GP Rapid-Flo is a durable, high quality impellor pump incorporating a gearbox for high output (up to 100 L per minute) and easy operation. Designed for 205 L (55 US gal) or 60 L (16 US gal) drums, this pump is ideal for any fuel transfer task

Features:

- diesel, petrol, av gas, kerosene and lubricating oils up to SAE 30
- ideal for high volume aviation fuel transfer
- pumps easily in both directions
- supplied with a 2.4 m (8 ft) anti-static rubber delivery hose and nozzle, and 1.06 m (3.5ft) two piece threaded suction tube
- lockable handle and built-in nozzle holder
- in-built strainer
- 50 mm (2") bung adaptor
- optional 10 micron GB fuel filter available
- optional HNU nozzle for unleaded fuel
- 6 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Aluminium, steel, nitrile and viton rubber
- **output:** approx. 100L (26 US gal) per min

LITRE STROKE – HP

The HP Litre-Stroke has an easy lever action and is designed for either 205 L (55 US gal) or 60 L (16 US gal) drums. The pump is built for very harsh working conditions and is ideal for most types of fuel transfer operations when an economical and long lasting pump is required

Features:

- pumps diesel, petrol, kerosene and lubricating oils up to SAE 30
- supplied with a 2.4 m (8ft) anti-static rubber delivery hose and HNU nozzle, and 1 m (3.3ft) two piece threaded suction tube
- lockable handle and built-in nozzle holder
- 50 mm (2") bung adaptor
- optional 10pm HA fuel filter available
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Steel, acetal, zinc and nitrile rubber
- **output:** up to 40L (10 US gal) per min, or 1L (1 quart) per stroke

A2 MULTI PURPOSE PUMP

A2H MULTI PURPOSE PUMP WITH HOSE:

A quality pump ideal for transferring a wide range of mineral oils and non-corrosive solvents.

Features:

- suitable to pump diesel fuel lubricating oils up to SAE 90 and other non corrosive fluids
- A2H supplied with 1.8 m (6 ft) delivery hose and metal nozzle
- nozzle with the replacement o'rings (nitrile, viton and EPDM) supplied with every pump, the pump can also be used to pump a wide range of non corrosive solvents and chemicals. To ascertain o'ring compatibility, check our website, or speak with the liquid manufacturer (quoting the wetted components listed below)
- variable handle setting for light or heavy fluids
- telescopic suction tube fits 60L (16 US gal) to 205L (55 US gal) drums
- convenient hung opener cast on pump head
- fully serviceable
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** Aluminium, steel, brass and teflon
- **output:** approx. 250mL per stroke

T112

The Oilmaster T112 is a reliable 1:1 ratio oil pump is designed to transfer oils up to 10 metres and can be used with any of Macnaught's hose end gun range

Features:

- stub pump for inclusion in a workshop or mobile bulk oil system
- suitable for oils up to SAE 140, automatic transmission fluid, engine oil, gear oil and hydraulic oils
- 2" (M) bung adaptor supplied
- no requirement for air line lubricator
- optional TB25S telescopic suction tube available
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** aluminium, zinc and hard chrome plated carbon steel, brass, and nitrile and polyurethane rubber
- **pump ratio: 1:1** (oil pressure is the same as air pressure)
- **output:** 27L/min (7 US gal per mm) 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" UNF
- **pump outlet:** 3/4" BSP or NPT (F)



T112 Oil Pump

PVRH ROTARY VANE PUMP

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

Features:

- pumps diesel, kerosene and lubricating oils up to SAE 90
- rotary action allows for pumping in both directions
- supplied with a telescopic suction tube and a 2" sliding bung adaptor
- FVRH is supplied with a 1.8 m (6 ft) delivery hose with metal nozzle and nozzle holder
- optional 10 pm VA fuel filter available separately
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** aluminium, steel, plastic and nitrile rubber
- **output:** up to 20 L (5 US gal) per min

Accessories:

- VA Fuel Filter
- DM100 Fuel Meter
- DV Connector Kit



PVRH Rotary vane pump

FUEL TRANSFER EQUIPMENT – ELECTRIC PUMPS

HI-FLOW ELECTRIC DIESEL PUMP

GEHF12M (MANUAL)
GEHF12A (AUTOMATIC)

A reliable 12 volt high flow diesel pump designed to provide high flow diesel transfer.

Features:

- portable
- self priming
- built-in pressure relief valve
- continuous duty cycle
- built-in fan vane style pump
- consumption 35-53 amps
- flowrate 75 L/min (free flow) key lock start
- 1 BSP inlet/outlet thread
- 1" ID x 1.7m long suction hose
- 1" ID x 4 m long delivery nose
- manual or automatic nozzle
- weight 11.9kg
- 5 year warranty
- 10 year parts availability

Accessories:

- TM100 Meter
- HA1S Filter



GEHF-M

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)

The Spring Loaded Oil Pumps provide the means to automatically dispense engine and gear oils by simply pressing the oil gun trigger.

Features:

- suitable for engine and gear oils up to SAE 140
- oil drain back facility on pump head
- kink resistant hose
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** aluminium, steel, zinc, brass, polypropylene, nitrile rubber & 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 (60L drums)
- TR6 Trolley (60L drums)
- TR5 Trolley (20L drums)



S20H Spring pump

FLOW METERS

FUEL METER

DM100 FLOW METER

DM150 FLOW METER PLUS FILTER

The DM100 has been designed to measure diesel, kerosene and petrol, and is made from corrosion resistant aluminium with easy to read mechanical register.

Features:

- oval gear design
- low pressure drop allows for gravity and pump (in-line) applications
- register cap can be easily removed and rotated to every 90° orientation for display reading.
- supplied with integrated mesh strainer
- 5 year warranty (10 year parts availability)

Specifications:

- **wetted components:** aluminium, zinc plated carbon steel, nitrile, viton
- **accuracy:** +/- 1% of reading
- **flow range:** 3 - 80 L/min (0.8-21 US gal/min)
- **max. pressure:** 1000 kPa (145 psi, 10 bar)
- **register - totaliser:** 0 - 999,999 L (gal)
- **max. temp:** 80°C (176°F)
- **inlet thread:** 1" BSP or NPT (F)
- **outlet thread:** 1" BSP or NPT (F)
- **weight:** 1.2 kg (2.6 lbs)

Accessories:

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



DM150 Fuel Meter



DM100 Fuel Meter

TURBINE FUEL METER

FUEL METER

TM100 (LCD)

TM100P (PULSE OUTPUT)

The TM100 turbine flowmeter has an excellent turndown ratio and is factory calibrated for precise measurement of low viscosity fluids. The low pressure drop and high pressure rating allows the turbine meter range to be used in gravity, pump and inline applications.

Features:

- available in LCD (TM100) and pulse (TM100P) versions
- accuracy (better than +/- 3% of reading)
- excellent turndown ratio: 28:1
- robust aluminium construction and fully sealed against dust and water splash
- flow linearisation (display version)
- field programmable
- easy to read and operate resettable six-digit display with ability to show batch, reset total, non-reset total and rate of flow
- average battery life 2 years (2xAAA alkaline)
- 10 year parts availability

Specifications:

- **wetted components:** Aluminium, Tungsten, Ceramic, Derlin
- **accuracy:** better than +/- 3% of reading
- **flow range:** 8 - 200 L/min (2.1 to 52.8 US gal/min)
- **max. pressure:** 2070 kPa (300 psi, 20.6 bar)
- **fluid compatibility:** Diesel, kerosene, light oils
- TM100LCD
- **temperature range:** 5° to 55°C
- **operating voltage:** 12 to 30V DC
- **output:** open collector, maximum 1 Watt peak (unfactored)
- **connection:** PCB terminal strip 16mm/1/2" NPT conduit



TM100 (LCD)



TM100P (Pulse Output)

LUBRICATION

MACNAUGHT OIL & GREASE EQUIPMENT

DISPENSING EQUIPMENT

OIL CONTROL GUN

HG20F Oil Control Gun with Flexible Outlet

These oil control guns are of high quality and easy to use in any workshop in conjunction with air operated oil systems up to 7:1 ratio (R100, R300, R500 and the Oilmaster pump range).

Features:

- dispenses lubricating oils up to SAE 140, and ethylene glycol (anti-freeze/anti-boil)
- utilises a straight through flow path to reduce pressure drop
- latching trigger for ease of use
- incorporates a ball bearing swivel inlet to ensure smooth operation and prevent the hose from kinking
- non-drip automatic delivery nozzle
- 5 year warranty
- trigger guard

Specifications:

- wetted components: aluminium, mild steel, nitrile rubber
- max. operating pressure: 7000 kPa (1000 psi, 70 bar)
- flow rate: up to 25L/min (6.5 US gal per min)
- max. operating temp: 70°C (158°F)
- inlet connection: 1/2 BSP or NPT (F)
- weight (approx): 800g (1.8lbs)

Accessories:

- IM50 meter



HG20F Oil Control Gun



HG20R Oil Control Gun



HG45 Hose Gun

MECHANICAL HOSE END GUNS

HG45 Auto Shutoff Hose End Gun

Utilising the time proven oval gear principal of positive displacement fluid measurement, the HG45 Preset Mechanical is a highly accurate, metered control handle ideal for use in all automotive, transport and workshop installations.

Features:

- dispenses up to 30L/min (8 US gal per min)
- oval gear design
- settable volume up to 99.9L/US quarts
- easy to use thumbwheels for accurate volume setting - simply depress wheel and rotate
- able to set to decimal accuracy
- easy to read 5 digit non re-settable total and 3 digit re-settable batch total
- automatic non drip nozzle
- straight through flow path reduces pressure drop
- can be used without the preset function if required
- no batteries to fail
- simple handle latch design
- 5 year warranty (10 year guarantee parts availability)

Specifications:

- wetted components: aluminium, acetal, steel, nitrile rubber
- accuracy: +/- 1% (of reading)
- flow range: 1-30L/min (0/6 - 8 US gal/min)
- max. pressure: 10 350 kPa (1500 psi, 103.5 bar)
- weight: 1.16kg (2.55lbs)
- swivel inlet: 1/2" BSP or NPT (F)

Accessories:

- HGFEX Flexible Extension
- Multi coloured shrouds
- HGFM Flexible Metal Extension

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)

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 72mm (2.3/4").

KGR GIANT BUTTONHEAD COU



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

KZD NEEDLENOSE COUPLER



Used when nipples are recessed and standard couplers would meet with interference from surrounding components (universal joints, etc). Length 93mm (3.3/4").

KZDXL STRAIGHT NEEDLEPOINT COUPLER



Ideal for greasing the bearings on four wheel drive vehicles. Length 120mm (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 60mm (2.1/4").

ZSB SWIVEL



A 360° swivel supplied either separately or with the B2 Booster Gun.



LUBRICATION

MACNAUGHT OIL &
GREASE EQUIPMENT



GNES



GNP80m



GNP80s

ACCESSORIES – GREASE FITTINGS

GREASE NIPPLES

L161	M6mm x 1	Straight
LA165	M6mm x 1	90°
L15	M8mm x 1.25	Straight
LA169	M8mm x 1	90°
L200	M10mm x 1	Straight
L205	M10mm x 1.5	Straight
LA203	M10mm x 1	45°
LA204	M10mm x 1	90°
L185	M1/4" UNF	Straight
L48	M1/4" BSP	Straight
LA60	M1/4" BSP	90°
LA187	M1/4" UNF	45°
L652	M1/4" UNF - 1.1/16"	Long
L29	M1/8" BSP	Straight
LA44	M1/8" BSP	90°
L28	M1/8" NPT	Straight
LA34	M1/8" BSP	45°
L12	M5/16" BSF	Straight
L4675	Imperial Grease Nipple Kit	
L4676	Metric Grease Nipple Kit	

EASY OUT TOOL

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

REFILLABLE BEARING LUBRICATORS

MCGL100 (100ml)
MCGL220 (220ml)

The refillable automatic bearing lubricators are high quality, mechanical, chemical and thermal resistant. 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 you to set the dispensing rate of the grease.

FEATURES:

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



MCGL220

MCGL100

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.



ACK2 kit

CK1 INDUSTRIAL GREASING ACCESSORY KIT

An industrial workplace kit for users of air operated grease pumps. Items included are a KDR, KGR, KSR, KZD, KDE8, PDF13 and PDF21, with photos and descriptions of each included in this section.



CK1 kit

CK2 INDUSTRIAL GREASING ACCESSORY KIT

An industrial workplace kit for users of hand operated grease pumps. Items included are a KDR, KGR, KSR, KZD, KDE8, PDF13 and PDF21, with photos and descriptions of each included in this section.



CK2 kit

LUBRICATION ACCESSORIES



LUBRICATION

FUEL NOZZLES

PRODUCT NO.	DESCRIPTION
MCHP055	21mm diameter manual fuel nozzle. Flow rate up to 60L/min (16 US gal/min)
MCHP085	21mm diameter auto shut off fuel nozzle. Flow rate up to 70L/min (18 US gal/min)
MCHP070	30mm diameter hi flow auto shut off fuel nozzle. Flow rate up to 120L/min (31 US gal/min)



MCHP085



MCHP100



MCHP055

FUEL FILTERS

PRODUCT NO.	DESCRIPTION
GB	Supplied with fittings to suit the GP Rapid-Flo pump. Inlet: 1" NPT. Outlet: 1" hosetail
HA	Supplied with fittings to suit the HP Litre-Stroke pump. Inlet: 1" NPT. Outlet: 1" hosetail



GB



HA

PORTABLE OIL SYSTEM

OS100

The OS100 is a portable oil and grease system that caters for any workplace needs. All spare parts are available separately, and more information on a particular component from any of the systems is detailed separately in this catalogue.

Features:

- suitable for 205 L (55 US gal) drums
- TR205 drum trolley (wheel brake included)
- OLP100 low pressure (400 psi) Retractable hose reel - hose 12.5mm (1/2") ID x 10m (32ft)
- R300S 3:1 ratio stub pump
- bare system no hose end gun
- systems available complete with any hose end gun (HG40, HG45, HG50, HG55, HG60)
- telescopic suction tube with maximum depth of 1200mm (4ft) complete with 2" bung adaptor
- suction hose - 1500mm (5ft)
- feeder hose - 1000mm (3ft)
- 5 year warranty
- 10 year parts availability



OS100

MACNAUGHT OIL &
GREASE EQUIPMENT

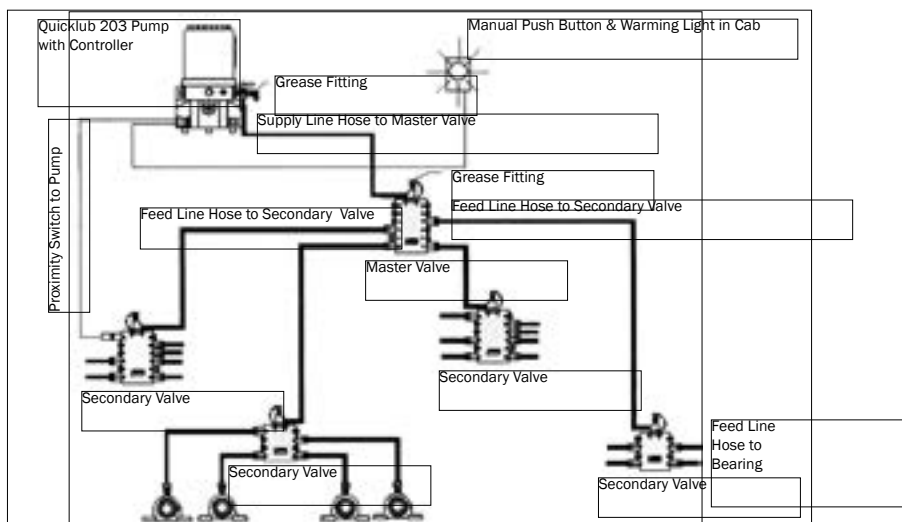
HOW LINCOLN QUICKLUB® AUTOMATED LUBRICATION SYSTEMS WORK

SYSTEM DESCRIPTION

A typical system includes an automated electric pump, metering valves, supply line and feedline hoses, mounting hardware and custom guarding.

Lincoln's Quicklub 203 combines a lubricant reservoir, a pump and control system into one unit. Available control options include the ability to notify the operator of system malfunction using a special light in the cab.

The metering valves used in Lincoln's system are the Quicklub SSV divider valves. The grease flow created by the pump is proportioned in the SSV divider valve and distributed to each bearing.



SYSTEM OPERATION

1. The Quicklub Pump is actuated automatically by an internal adjustable timer.
2. Grease flow starts and lubricant is delivered to the "Master Divider Valve" through the supply line hose.
3. The Master Divider Valve distributes grease in measured amounts to the secondary valves.
4. The secondary valves proportion the grease and deliver exact measured amounts to the bearings according to their specific needs through feed line hoses.
5. Typically the pump shuts off after receiving a signal from a proximity switch located on a secondary valve. The proximity signal indicates a successful lube cycle. (Some systems do not use a proximity switch. Instead, a built-in timer turns the pump off).

QUICKLUB® 203 PUMP & DIVIDER VALVE FEATURES

THE LINCOLN QUICKLUB PUMP

Designed for the harsh environment of the construction and mining markets, Quicklub pumps are loaded with features:

Available in 12 and 24 VDC

- Optional low-level alarms and system operation alarms with warning lights in the cab
- Reservoir (2-, 4- or 8-litre) can be refilled through a grease fitting, typically every 250 hours of operation
- All pumps have high-pressure capability to ensure grease is delivered to each component.
- A blocked lube point can be detected at the pump
- Pump controls run-time with built-in timer
- Data Logger models available that store information on system operation history

QUICKLUB DIVIDER VALVES

The heart of the Lincoln System is the Quicklub SSV Divider Valve. These valves utilize unique internal pistons to precisely "divide" the grease flow to ensure each pin and bushing receives the proper amount of lubricant.

- Operating pressures of up to 4,000 psi. The valve delivers grease to every point, even under heavy loads.
- Standard SSV Valves can be "ported" to deliver more grease to specific lube points. The new SSVD Valve is adjustable and offers a wide range of outputs.
- If the pump is ever damaged, the system can be cycled from the grease fitting on the pump or master valve.
- Valves are available with cycle indicator pins to provide visual indication of operation.
- With advanced monitoring, a proximity switch can send back a signal to the pump when the system has completed a lubrication cycle.
- Special Lincoln high-pressure hose (4,000 psi working pressure) is used with the Quicklub fittings that work like a quick-coupler to facilitate system maintenance.

NOTE: This is only an overview of product available. Please contact our customer service dept. for further technical information.

CENTRO-MATIC® AUTOMATIC LUBRICATION

The system trusted by the mining industry world-wide is the same system you need for your largest equipment. Major original equipment manufacturers install Centro-Matic systems in their factories to ensure their customers get the best value and longest service possible. The famous SL-1 and the new SL-V injectors, provide consistently reliable, large doses of grease to all critical lubrication points. Our latest FlowMaster pumps drive these system using either DC electric or hydraulic power sources.

STATE-OF-THE-ART LUBE TRUCK

Many contractors rely on the services of a good lube truck to maintain equipment in the field. Our specialty distributors can help you build and maintain the best lube trucks in the business. They feature on-board pumps, reels, control devices and accessories that make quick work of lubricating equipment on-site.

COMPLETE IN-SHOP MAINTENANCE EQUIPMENT

When designing or updating your shop, our comprehensive line of performance proven pumps, hose reels, controllers, grease guns and lubrication accessories offers you everything you need to build a fully-functional lube station.

A BROAD RANGE OF PUMPS

Whether you're pumping grease, oil, antifreeze, windshield washer fluid or other vital solutions, Lincoln has the medium- or high-pressure pump to get the job done. Choose from air-operated Series 20, 25 or 40 and PowerMaster® reciprocating pumps, diaphragms and transfer pumps, bulk oil systems, plus all the accessories you'll ever need

HAND-HELD LUBRICATION

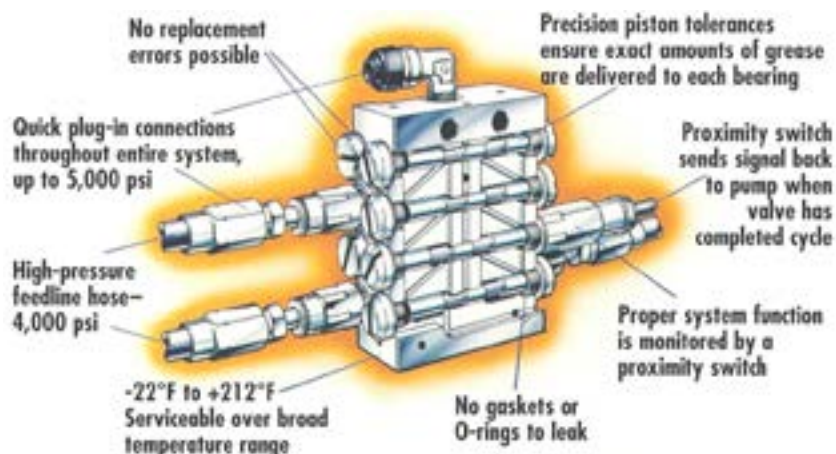
Using a grease gun may never be the same. Our 14.4-volt, battery-powered PowerLuber® outperforms traditional lever-action grease guns by generating as much as 7,500 psi of working pressure:

- Each battery dispenses two tubes of grease
- Convenient whip hose allows for easy access on hard-to-reach points
- Comfortable trigger makes one-hand operation easy

If you need extended battery time, order the 1444 in a case with two batteries, or select the 1415 battery charger that plugs into the accessory! lighter receptacle of your construction machine.

Back in the shop, attach the Powerluber® 1163 air-powered grease gun to your compressor for maximum productivity.

Lincoln also carries a full line of the most dependable hand-operated grease guns in the business.



Note:

This is only an overview of product available. Please contact our customer service dept. for further technical information.



OILS & GREASE

HYDRAULIC FLUIDS AND GREASES

AW HYDRAULIC OILS are designed for use in hydraulic systems, compressor units and other industrial equipment, including circulatory, splash, bath and ring oiling systems. These oils are blended from carefully selected stocks with naturally high viscosity indexes which provide more constant oil viscosity over broad temperature ranges. In addition, AW HYDRAULIC OILS have low pour points to assure fluid flow during cold weather start-up. AW HYDRAULIC OILS offer outstanding performance even under adverse conditions of high temperature, high pressure, high loads and moisture contamination.

APPLICATIONS

No. 22 - For hydraulic and circulating systems of equipment operation under low-temperature conditions, such as hydraulic hoists on vehicles used during winter weather or in cold storage operations, as a spindle oil in high speed bearings and as a hydraulic fluid in precision high-speed systems.

No. 32 and 46 - For most hydraulic or circulating systems, and where force feed, gravity, splash or ring oiling systems are used, as in small reduction gears of light loads, small reciprocation air compressors, rotary screw compressors, and in steam turbines.

No. 68 - For use in bearings of medium to large size machines and air compressors. For hydraulic power transmissions, reduction gears and splash or circulation systems with light load and high-speed conditions.

No 100 - For hydraulic systems and low-speed bearings, circulation systems, air compressors and gear boxes.

No. 150 - For external bearings of most stationary diesel and gas engines, for gears, calendar stocks, and driers in paper mills, mixers and calendar roll bearings in rubber and plastic industries, and for circulation systems where heavy loads, moderate speeds or high temperatures prevail.

AW HYDRAULIC OILS

are incompatible with ammonia and should not be used in ammonia compressors.



Product No.	Pack size
AWS32/20	20 litre
AWS32/205	205 litre
AWH46/4	4 litre
AWS46/20	20 litre
AWS46/205	205 litre
AWH68/4	4 litre
AWS68/20	20 litre
AWS68/205	205 litre

TRANSMISSION OIL ATF TYPE D

AUTOMATIC TRANSMISSION FLUID TYPE D is an automatic transmission fluid. That has excellent oxidation and thermal stability keeps equipment free of performance-robbing sludge and varnish. It's anti-wear and corrosion resistance ensures long mileage component protection.

APPLICATIONS

Automotive Transmission Fluid Type D is suitable for passenger car and commercial vehicle automatic transmissions, off-highway construction and mining equipment, agricultural equipment and power steering systems which require a Dexron-111.



Product No.	Pack size
DEXRON111/1	1 litre
DEXRON111/4	4 litre
DEXRON111/20	20 litre
DEXRON111/205	205 litre

EPL /2 GREASE

A range of multipurpose extreme pressure greases of NLGI ratings, 0, 1, 2 or 3 displaying high melting point and water resistant characteristics. Suitable for high load and shock load applications, e.g. ball joints on car steering. Recommended for automotive, industrial and marine applications.

Product No.	Description
EPL2/450	450g multipurpose grease
EPL2/2.5	2.5kg multipurpose grease
EPL2/20	20kg multipurpose grease

APX T GREASE

A lithium complex grease of NLGI #2 consistency with enhanced tackiness for improved performance. The product has a drop point (260 degrees plus) while maintaining its pumpability at low temperatures. Good corrosion preventative qualities plus high oxidation resistance. May be used in disc brake wheel bearings as well as general greasing. Our prime recommendation for high speed and for high temperature bearings, particularly truck trailer bearings. APX-T GREASE is particularly good for greasing turn tables - it sticks!

Product No.	Description
APXT/450	450g lithium complex grease
APXT/2.5	2.5kg lithium complex grease
APXT/20	20kg lithium complex grease

RESPONSE – BRAKE FLUIDS

Response is a polyglycol type brake fluid designed for maximum braking safety, suitable for disc and drum brakes as well as hydraulic clutch systems. It is formulated to reduce the effect of absorbed water and maintains a relatively higher vapour lock temperature when compared to lower performance fluids.

Product No.	Description
RESPONSE/500	500ml brake fluid
RESPONSE/4	4lt brake fluid



LUBRICATION



OIL & GREASE

HOSE REELS – METAL

Macnaught standard duty metal hose reels are ideal for those applications where occasional use is normal. These reels are constructed in powder coated steel with a single pedestal and integral spring system. The stainless steel reel is bare, with a high polish finish and is ideal for highly corrosive environments.

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 safely
- full flow swivel for maximum product delivery
- external swivel for easy servicing of swivel seals
- 5 year warranty
- 10 year parts availability



MA1220



MG0615



SR0020

Product No.	Description	Hose length	Hose Size	Working Pressure	Hose Rewind	Max Op Temp	Reel Inlet	Hose Outlet
MA1020	Air / Water	20m	10mm (3/8")	300psi	Spring	80°C	3/8" BSP	3/8" BSP
MA1220	Air / Water	20m	10mm (1/2")	300psi	Spring	80°C	1/2" BSP	1/2" BSP
MO1220	Oil	20m	12.5mm (1/2")	1000psi	Spring	100°C	1/2" BSP	1/2" BSP
MG0615	Grease	15m	12.5mm (1/4")	5000psi	Spring	100°C	1/4" BSP	1/4" BSP
SR0020	Stainless	Bare Reel	12.5mm(1/2") Swivel	3000psi	Spring	100°C	1/2" BSP	1/2" BSP

HEAVY DUTY TWIN PEDESTAL RANGE

HOSE REELS – METAL



Macnaught heavy duty hose reels are provided with twin pedestal supports and are particularly suitable for truck mount applications where stability and strength is required. All spring rewind models have an external spring cartridge allowing for easy maintenance and safety as the cartridge can be replaced without removing the reel from its mounted position. Constructed of powder coated steel with heavy duty swivel and a mechanism that allows for the hose to stop at any point.

FEATURES:

- twin pedestal design for strength and stability - ideal for vehicle applications
- 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 availability



MDTP3820



MDTP2520

Product No.	Description	Hose length	Hose Size	Working Pressure	Hose Rewind	Max Op Temp	Reel Inlet	Hose Outlet
MDTP3820	Diesel	20m	38mm (1 1/2")	500psi	24 V DC	80°C	1 1/2" BSP	1 1/2" BSP
MDTP2520	Diesel	20m	25mm (1")	500psi	Spring	80°C	1" BSP	1" BSP
MATP1220	Air/Water	20m	12mm (1/2")	300psi	Spring	80°C	1/2" BSP	1/2" BSP
MATP1920	Air/Water	20m	19mm (3/4")	300psi	Spring	80°C	3/4" BSP	3/4" BSP
MOTP1220	Oil	20m	12mm (1/2")	1000psi	Spring	100°C	1/2" BSP	1/2" BSP
MOTP1920	Oil	20m	19mm (3/4")	1000psi	Spring	100°C	3/4" BSP	3/4" BSP
MGTP0615	Grease	15m	6mm	5000psi	Spring	100°C	1/4" BSP	1/4" BSP
MGTP0915	Grease	15m	9mm	5000psi	Spring	100°C	3/8" BSP	3/8" BSP
WPTP1050	Weed/ Pesticide	50m	10mm	500psi	24 V DC	80°C	3/8" BSP	3/8" BSP



AB100 AIR BREATHING
10mm ID x 17m hose

AR100 COMPRESSED AIR
10mm ID x 20m hose

AR200 COMPRESSED AIR
12.5mm ID x 15m hose

**AW100 COMPRESSED
AIR/WATER**
10mm ID x 20m hose



**AW200 COMPRESSED
AIR/WATER**
12.5mm ID x 17m hose

CW100 COLD WASH
12.5mm ID x 15m hose

DR100 GARDEN WATER
12.5mm ID x 18m hose

FR300 FOAM
16mm ID x 10m hose



GR100 GREASE
6mm ID x 10m hose

HW100 HOT WATER
12.5mm ID x 12m hose

**HWP100 HIGH PRESSURE
HOT WATER**
10mm ID x 12m hose

OA100 OXY/ACETYLENE
5mm ID x 15m hose



OLPG100 OXY/LP GAS
5mm ID x 15m hose

**OMP100 MEDIUM
PRESSURE OIL**
10mm ID x 10m hose

PW100 POTABLE WATER
12.5mm ID x 15m hose

**WP100 WEEDICIDE/
PESTICIDE**
10mm ID x 16m hose

Retracta rotating swivels are constructed from engineered polymers and brass, or all metal materials to give the best performance for each application. 'O' Ring seals ensure leak-free and low rotation resistance operation.

Heavy duty mounting brackets include Wall/Overhead for wall and ceiling (supplied as standard) and optional Bench/Floor for floor and bench mount or Spike for ground insertion.

SUPERB INNOVATIVE DESIGN CONCEPT

Industrial quality hose reel design. A breakthrough in performance, durability, versatility and cost. The efficiency, safety and convenience benefits of auto-rewind hose reels are now available for most situations where a hose is required.

HIGH PERFORMANCE

Manufactured from the highest quality weather-resistant materials, the tough high-impact polypropylene is UV stabilised, designed for all purpose corrosion-free durability. The rewind mechanism is a clock-type spring lubricated and sealed for trouble-free operation.

LIGHTWEIGHT

At a weight of less than 10kg/22lb including hose Retracta is versatile. It is ideal for fixed position applications in industry or as a portable hose pack on truck or trailer etc.

SAFETY

Retracta promotes a neat and tidy good-looking work area; reducing the possibility for accidents, and improves the work environment. Safety is enhanced by low recoil tension even with the hose fully extended.

EASY-TO-USE

Low-effort rewind tension incorporated in the unique design gives easy pull-out effort and makes Retracta a pleasure to use. A two-position switch provides latching of 1 metre intervals or completely free run for maximum convenience.

SIMPLE TO MOUNT

A simple-to-install mounting bracket for wall or overhead installation is included. Depending on mounting position the design allows the reel to swing through up to 270°. An equally simple optional bench or floor mount can also be selected.

LOW COST

Retracta costs considerably less than other reels, is tough and virtually maintenance free. An added bonus advantage is longer hose life.

Product No.	Model Type	Hose length	Hose Size	Working Pressure	Inlet Size	Hose Outlet
AB100	Air Breathing	17m	10mm	17 bar (250psi)	3/8" BSP female	1/4" BSP male
AR100	Compressed Air	17m	10mm	17 bar (250psi)	3/8" BSP female	1/4" BSP male
AR200	Compressed Air	15m	12.5mm	17 bar (250psi)	3/8" BSP female	3/8" BSP male
CW100	Cold Wash	15m	12.5mm	10 bar (150psi)	3/8" BSP female	Bare Hose
DR100	Garden Water	18m	12.5mm	Mains Press	3/4" BSP male	Hose Nozzle
FR300	Foam	10m	16mm	10 bar (150psi)	3/8" BSP female	N/A
GR100	Grease	10m	6mm	340 bar (5,000psi)	1/4" BSP female	1/8" BSPT male
HW100	Hot Wash	15m	12.5mm	14 bar (200psi) at 90°C	3/8" BSP female	3/8" BSP male
HWP100	High Pressure Hot Water	12m	10mm	200 bar (3,000psi) @ ambient temp	3/8" BSP female	3/8" BSP male
OA100	Oxy-acetylene	15m	5mm	14 bar (200psi)	5/8" UNF male	5/8" UNF female
OLPG100	Oxy/LP Gas	15m	5mm	14 bar (200psi)	5/8" UNF male	5/8" UNF female
OLP100	Oil	10m	12.5mm	28 bar (400psi)	3/8" BSP female	3/8" BSP male
OMP100	Medium Pressure Oil	10m	10mm	68 bar (1,000psi)	3/8" BSP female	1/2" BSP male
PW100	Potable Water	15m	12.5mm	10 bar (145psi)	3/8" BSP female	3/8" BSP male
WPI00	Weedicide / Pesticide	17m	10mm	17 bar (250psi)	3/8" BSP female	1/4" BSP male

NOTE Specifications may change without notice.

All reels supplied complete with standard Wall/Overhead (BU-100) mounting bracket.

Email Enquiries: admin@hishose.com.au

E & O.E 2007

REF: 72-1107



Proprietary Limited



ON-SITE INSTALLATION & SERVICE

1800 803 222

FLUID POWER SERVICE