

**PCLALG5H04**

Tyre Inflator  
Aircraft

**PCLALG3D04**

Tyre Inflator  
Clip on  
Open End  
1/4" BSP Inlet  
1000 Kpa

**PCLALG3D03**

Tyre Inflator  
Twin Hold on  
Open End  
Connector  
Mk3



**PCLTDG1D08**

Digital Tread Depth Gauge 0 - 26mm



**PCLAFG1D08**

Dial Tyre Inflator  
Clip on



**PCLDTPG7**

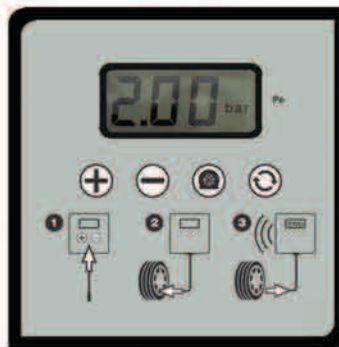
Digital Tyre Pressure  
& Tread Depth Gauge

**PCLAFG1D03**

Dial Tyre Inflator  
Hold on

**PCLDAC1D03**

Digital Tyre Inflator  
Clip on



**PCLQUBE**

Digital Wall Gauge  
Qube



**PCLC01A03**

Twin Hold on  
Connector  
Open End

**PCLC01B03**

Twin Hold on  
Connector  
Closed End



**PCLC012A03**

Single Hold on Connector  
Open End



**PCLC03A03**

Twin Hold on / Clip on  
Connector  
Open End

**PCLC03B03**

Twin Hold on / Clip on  
Connector  
Closed End



**PCLN21D02**

Nitrogen Generator



**PCLD10**

Tyre Inflator Preset  
Wall Mounted  
Digital Display

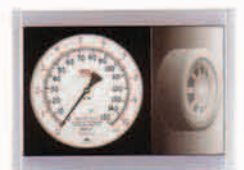


**PCLD12**

Tyre Inflator Preset  
Wall Mounted  
Digital Display  
High Volume with  
Nitrogen Purge

**PCLD11**

Tyre Inflator Preset  
Wall Mounted  
Digital Display with  
Nitrogen Purge



**AIRSTANDP**

Retractable Plastic  
Reel & Stand,  
Tyre Inflator &  
Air Line Connections  
11 m x 8 mm Hose

**RM89109 - Reel Only**

Retractable  
Hose Reel 11m  
Air or Water



**AIRSTANDS**

Retractable Steel  
Reel & Stand,  
Tyre Inflator &  
Air Line Connections  
18 m x 6 mm Hose

Stands Available  
Separately

**PCLWM2D01**

Twin Hose  
Tyre Inflator Analogue  
Wall Mounted or with  
Optional Pedestal  
Excluding Stand





PCLTDG16C01  
Tyre Tread  
Depth Gauge



PCLC08H72  
Clip on Connector  
Euro Style

PCLC013A71  
Clip on Connector  
Euro Style  
Large Bore



PCLFPA02  
Thumblock  
Connector Plastic

PCLDPA02  
Dial Tyre Pressure  
Gauge 0 - 1200 kpa



PCLC02H03  
Clip on Connector  
Open End

PCLC02J03  
Clip on Connector  
Closed End

PCLC010P03  
Screw on  
Jumbo  
Connector (12V1)



PCLC09P03  
Screw on  
Standard  
Connector (8V1)

PCLTE60D01  
Master Test  
Gauge



PCLTVT01  
Valve Tool  
Fourway



RM52024  
Portable Tyre  
Inflator  
24L - 10 Bar



UDG20  
Blow Gun



PCLAWG01  
Air / Water Gun  
for Pressurising Water



UDG06  
Blow Gun  
Plastic



PCLRF102  
Water Dispenser



PATHFINDER  
Metal Air Reel



PCLBG105  
Blow Gun  
Metal



PCLRF104  
Radiator Filler



## RUBBER AIR LINE HOSE

PART No.	DESCRIPTION	OUTSIDE DIA.	INSIDE DIA.
HOSE6	1/4"	14mm	6mm
HOSE8	5/16"	16mm	8mm
HOSE10	3/8"	18mm	10mm
HOSE13	1/2"	22mm	13mm



PCL615001 Blue  
PCL615003 Red  
PCL615004 Grey  
Hose Reel Retractable  
15 m x 6 mm Hose



## QUICK COUPLERS



PCLAC71EF/71JF

Interchange to CEJN 320



PCLAC61CF	1/4" Female BSP	Quick Coupler
PCLAC71EF	3/8" Female BSP	Quick Coupler Hi Flow
PCLAC71JF	1/2" Female BSP	Quick Coupler Hi Flow
PCLAC7110	3/8" Hose Barb	Quick Coupler Hi Flow
PCLAC7113	1/2" Hose Barb	Quick Coupler Hi Flow
PCLAC61 CM	1/4" Male BSP	Quick Coupler
PCLAC61 JF	1/2" Female BSP	Quick Coupler
PCLAC61 JM	1/2" Male BSP	Quick Coupler

## CONNECTORS FOR ARO 210 & ARO 210PCL QUICK COUPLERS

PCLACA6923	Snap-In x Male 1/4" BSP
PCLACA6924	Snap-In x Female 1/4" BSP
PCLACA6912	Snap-In x 6mm Hose Barb
PCLACA6922	Snap-In x 8mm Hose Barb
PCLACA6930	Snap-In x 10mm Hose Barb
PCLHC5656	Male 1/4" BSP x 6mm Hose Barb
PCLHC1206	Male 1/4" BSP x 8mm Hose Barb
PCLHC1217	Male 1/4" BSP x 10mm Hose Barb
PCLHC2479	Male 1/4" BSP x 12mm Hose Barb
PCLHC2983	Hose Extension 6mm
PCLHC2984	Hose Extension 8mm
PCLHC2985	Hose Extension 10mm
PCLHC2986	Hose Extension 13mm



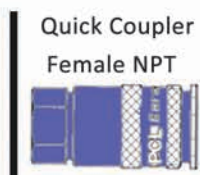
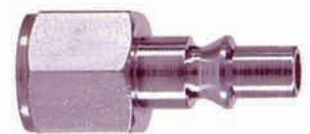
PCLAC61CF

Interchange to ARO / ORION

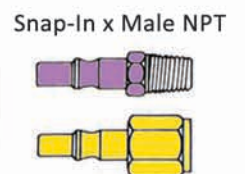
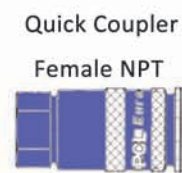
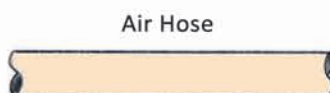


## CONNECTORS FOR AC71 SERIES HIGH FLOW COUPLERS

PCLAA7102	Snap-In x 1/4" Male BSP
PCLAA7103	Snap-In x 3/8" Male BSP
PCLAA7104	Snap-In x 1/2" Male BSP
PCLAA7106	Snap-In x 1/4" Female BSP
PCLAA7107	Snap-In x 3/8" Female BSP
PCLAA7108	Snap-In x 1/2" Female BSP
PCLAA7110	Snap-In x 6mm Hose Barb
PCLAA7111	Snap-In x 8mm Hose Barb
PCLAA7112	Snap-In x 10mm Hose Barb
PCLAA7113	Snap-In x 12mm Hose Barb
PCLHC6908	Male 1/4" BSP x 3/8" Hose Barb
PCLHC2954	Male 1/2" BSP x 1/2" Hose Barb
PCLHC2951	Male 3/8" BSP x 3/8" Hose Barb
PCLHC2808	Male 3/8" BSP x 1/2" Hose Barb



Wall



Snap-In x Female NPT



UI44K

1/2" H/D Impact Tool Kit - 17 Piece

475 Nm

1/4" Air Inlet

Socket Sizes: 11, 12, 13, 14, 16, 17, 19, 21, 22, 24



MCP734K

1/2" CP Impact Tool Kit

7 Piece

576 Nm

1/4" Air Inlet

Socket Sizes:

14, 16, 17, 19, 22



UI83P

1" Impact Tool Pistol

2440 Nm

1/2" Air Inlet

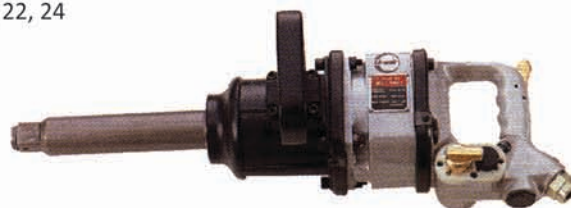


UI66

3/4" H/D Impact Tool

1020 Nm

1/4" Air Inlet



UI838

1" Impact Tool

8" Anvil

2440 Nm

1/2" Air Inlet

UI888

1" Impact Tool

8" Anvil

3796 Nm

1/2" Air Inlet

UI83

1" Impact Tool

2" Anvil

2440 Nm

1/2" Air Inlet

MCP7976

1" CP Impact Tool

6" Anvil

1898 Nm

1/2" Air Inlet



UI44

1/2" H/D Impact Tool

475 Nm

1/4" Air Inlet



US18

Air Orbital Sander

8000 bpm

1/4" Air Inlet



UNS505

Needle Descaler

1/4" Air Inlet

UAN1013  
Air Stapler  
Crown - 11.2 mm  
1/4" Air Inlet



UR57

3/8" Air Ratchet

68 Nm



UR56

1/2" Air Ratchet

68 Nm

1/4" Air Inlet



UAG36

4" Air Angle Grinder

11000 rpm

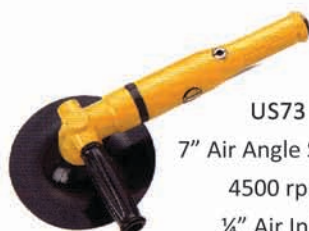
1/4" Air Inlet

UAG37

5" Air Angle Grinder

11000 rpm

1/4" Air Inlet



US73

7" Air Angle Sander

4500 rpm

1/4" Air Inlet

US74

7" Air Angle Polisher

2500 rpm

1/4" Air Inlet



US15P

H/D Dual Sander

10000 rpm

1/4" Air Inlet



UAG41

7" Air Angle Grinder

7000 rpm

1/4" Air Inlet



US70

7" Air Vertical Polisher

2000 rpm

1/4" Air Inlet



US12

5" High Speed Sander

18000 rpm

1/4" Air Inlet





UH12KR  
Air Hammer Kit  
9 Piece  
1/4" Air Inlet



UB20  
Air Metal Shear  
1/4" Air Inlet



UB27  
3" Air Cut-Off Saw  
1/4" Air Inlet



UD34  
3/8" Rev Air Drill  
1800 rpm  
1/4" Air Inlet



UD44  
1/2" Rev Air Drill  
800 rpm  
1/4" Air Inlet



UB54H  
Air Spot Drill & Hook  
1/4" Air Inlet



UB11  
Air Body Saw  
10000 bpm  
1/4" Air Inlet



UB25  
Air Nibbler  
Push Type  
1/4" Air Inlet



UB26  
Air Nibbler  
Pull Type  
1/4" Air Inlet

UB11BL32 Body Saw Blade



UIS4003  
1/2" Impact Socket Set - 10 Piece  
Sizes: 11, 12, 13, 14, 16, 17, 19, 21, 22, 24



UIS6003  
3/4" Impact Socket Set - 8 Piece  
Sizes: 26, 27, 29, 30, 32, 35, 36, 38



UIS8003  
1" Impact Socket Set - 9 Piece  
Sizes: 24, 27, 30, 32, 35, 38, 41, 46, 50



UDG06  
Air Blow Gun - Plastic  
1/4" Air Inlet



UAG02  
Paraffin Spray Gun  
1/4" Air Inlet



UDG20  
Air Blow Gun  
1/4" Air Inlet



UR15  
Air Riveter  
3/16" - 3/32"  
1/4" Air Inlet



USG2003G  
Gravity Spray Gun  
1.4mm Nozzle  
High Pressure  
3.5 to 5 Bar  
1/4" Air Inlet

USG02  
Gravity Spray Gun  
1.4mm Nozzle  
High Pressure  
3.5 to 5 Bar  
1/4" Air Inlet



USG40  
High Pressure  
Air Spray Gun  
Suction  
1.6mm Nozzle  
1/4" Air Inlet



UB36  
Air Grease Gun  
400 cc  
1/4" Air Inlet



UDG31M  
Air Grinder Mini  
20000 rpm  
1/4" Air Inlet



**Unoair**

UG32  
1/4" Air Die Grinder  
25000 rpm  
1/4" Air Inlet



UG32K  
1/4" Air Die Grinder Kit - 12 Piece  
1/4" Air Inlet



UB56  
Professional Tyre  
Buffer  
25000 rpm  
1/4" Air Inlet



MCP871  
CP Air Tyre Buffer  
Hi Speed - 22000 rpm  
1/4" Air Inlet

MCP873  
CP Air Tyre Buffer  
Low Speed  
2500 rpm  
1/4" Air Inlet

UG33L  
Die Grinder  
1/4" Long  
25000 rpm  
1/4" Air Inlet



UAC1010M  
1/4" Inline Air  
Filter  
Lubricator  
Regulator



UAC1010L  
1/4" Inline Lubricator



UAC1010FR  
1/4" Inline Air  
Filter  
Regulator



UMO40  
1/4" Inline Mini  
Oiler



UAC2040AR  
1/2" Inline Air  
Regulator



UAC2040BF  
1/2" Inline  
Air Filter  
Auto Drain



UAC2040AL  
1/2" Inline Air  
Lubricator



UAC2040BFR  
1/2" Inline  
Air Filter  
Regulator  
Auto Drain



UAC2040B  
1/2" Inline Air Filter /  
Lubricator / Regulator  
Auto Drain

UAC2060F  
3/4" Inline  
Air Filter  
Manual Drain

UAC2060L  
3/4" Inline Air  
Lubricator

PCLATF12  
1/2" Inline  
Air Filter  
Manual Drain



PCLAPT10  
Impact Socket Set - 10 Piece  
11, 12, 13, 14, 16, 17, 19, 21, 22, 24 mm

**pcl**  
AIR TECHNOLOGY

PCLATCFR12  
1/2" Inline Air Filter /  
Lubricator / Regulator  
Manual Drain



PCLAPT15  
Impact Socket Set  
Long - 3 Piece  
17, 19, 21 mm

PCLAPT205  
1/2" Impact Wrench  
540 Nm  
1/4" Air Inlet



PCLAPT205K  
1/2" Impact Wrench Kit  
540 Nm  
17 Piece  
1/4" Air Inlet



PCLAPT401R  
Reversible  
Drill - 10mm  
2500 rpm  
1/4" Air Inlet

PCLAPT702  
Die Grinder  
22000 rpm  
1/4" Air Inlet



PCLAPT702K  
Die Grinder Kit  
22000 rpm  
1/4" Air Inlet





**BG103042**  
1/2" Oil Meter  
70 Bar  
0 - 15 l/m  
Accuracy  $\pm 0.5\%$



**BG102101**  
1/2" Pulse Meter  
70 Bar  
0 - 35 l/m  
100 ppl  
Reed Switch Output

**PS440000**  
1/2" Pulse Meter  
70 Bar  
0 - 35 l/m  
100 ppl  
Reed Switch Output

**BG102100**  
1/2" Digital Oil Meter  
70 Bar  
0 - 35 l/m  
Accuracy  $\pm 0.5\%$   
Calibration Facility



**BG102900**  
3/4" Digital Oil Meter  
100 Bar  
0 - 60 l/m  
Accuracy  $\pm 0.5\%$   
Calibration Facility

**BG102920**  
1" Digital Oil Meter  
100 Bar  
0 - 115 l/m  
Accuracy  $\pm 0.5\%$   
Calibration Facility

Windscreen  
Urea  
Water  
Diesel  
Kerosene



**PS407010**  
1" Turbine  
Meter - K24  
20 Bar

**PS407330**  
1" Turbine  
Meter - K24  
20 Bar  
Petrol

**PIUSI**



**PS550000**  
1" Diesel Meter  
3 Digit - K33  
10 Bar

**PS560000**  
1" Diesel Meter  
4 Digit - K44  
10 Bar

**PIUSI**



**PS490020**  
1/2" Mechanical  
Meter - K40  
70 Bar

Suitable for  
Anti-Freeze

Diesel  
Kerosene



**PS497000**  
1 1/2" Digital  
Flow Meter  
20 Bar

Oil  
Diesel  
RapsOil



**PS475000**  
1/2" Digital Flow Meter - 70 Bar  
Suitable for Anti-Freeze

Oil  
Diesel  
Kerosene  
RapsOil

**PS494000**  
3/4" Digital  
Flow Meter  
70 Bar

**PS496000**  
1" Digital  
Flow Meter  
30 Bar

Oil  
Diesel  
Grease



**PS430120**  
1/8" Meter  
K200 - 550 Bar  
Suitable for Grease



**PS445020**  
GPVS Valve  
24v DC  
Pulse Meter / Solenoid

Oil





## OIL CONTROLS



RM33152  
3/4" Oil Control  
Rigid Nozzle  
80 l/m High Flow



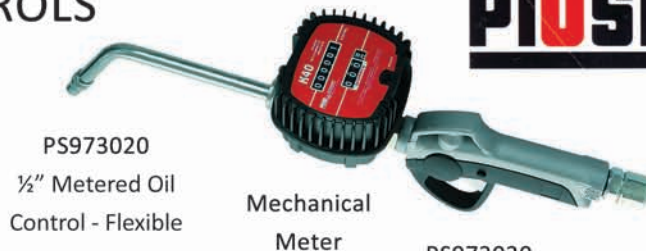
RM33151  
3/4" Oil Control  
Flexible Nozzle  
80 l/m High Flow



RM38021  
1/2" Oil Control  
Rigid Spout



PS687000  
1/2" Preset Oil Control  
Oil, Antifreeze & Diesel  
1 - 30 l/m  
70 Bar



PS973020  
1/2" Metered Oil  
Control - Flexible

Mechanical  
Meter

PS973030  
1/2" Metered Oil  
Control - Rigid



PS976910  
1/2" Metered Oil  
Control - Flexible

Digital  
Meter

PS976900  
1/2" Metered Oil  
Control - Rigid

PS971010  
3/4" Metered Oil  
Control - Rigid



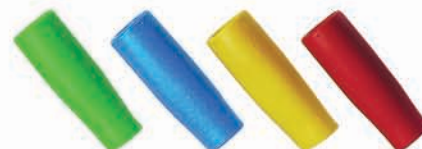
PS966140  
1/2" Oil Control  
Flexible Nozzle



PS966130  
1/2" Oil Control  
Rigid Nozzle

Colour Coding for PS966130/140 Oil Controls

- PS975700 - Yellow
- PS975800 - Green
- PS989900 - Red
- PS995500 - Blue



## DIESEL CONTROLS



PS602000  
1" Automatic  
Fuel Control  
60 l/m  
Unleaded



PS610000  
1" Automatic  
Fuel Control  
120 l/m



PS604000  
1" Automatic  
Fuel Control  
80 l/m

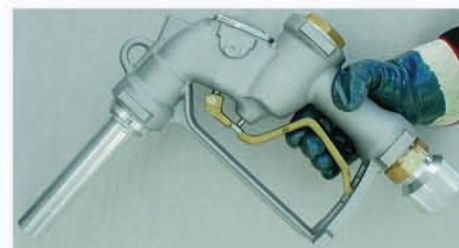
Max 10 Bar Pressure



PS650000  
1" Diesel Control  
Self 3000  
150 l/m



PS641000  
1" Diesel Control  
Self 2000  
120 l/m



PS132490  
1 1/2" Automatic Fuel Control - 280 l/m





**NEOJW215**  
Rotary Drum  
Pump for Oil,  
Diesel & Petrol  
Aluminium  
One Rotation = 1L  
15m Vertical  
50m Horizontal

Oil  
Diesel  
Gasoline  
Kerosene



**NEOJW220**  
Rotary Drum  
Pump for Acid,  
Oil & Petrol  
Teflon  
± 30 l/m @  
60 rpm

Oil  
Diesel  
Gasoline  
Kerosene



**NEOJW218**  
Rotary Drum  
Pump for Food,  
Oil & Petrol  
Poly Propylene  
± 30 l/m @  
60 rpm

Oil  
Diesel  
Gasoline  
Kerosene



**NEOJW214**  
Rotary Transfer  
Drum Pump  
  
**PS332000**  
Rotary Transfer  
Drum Pump

Oil  
Diesel  
Kerosene

**PS303000**  
380v Oil Pump  
50 l/m - 5 Bar  
1" Connection



**PS334900**  
220v Oil Pump  
25 l/m - 6 Bar  
1" Connection

**PS303M00**  
220v Oil Pump  
50 l/m - 5 Bar  
1" Connection

**PS304030**  
220v Oil Pump  
9 l/m - 11 Bar  
1" Connection



**PS309010**  
12v Oil Pump  
10 l/m - 4 Bar  
3/4" Connection



**PS730000**  
220v Diesel Pump  
56 l/m  
1.5 Bar

Oil

Diesel



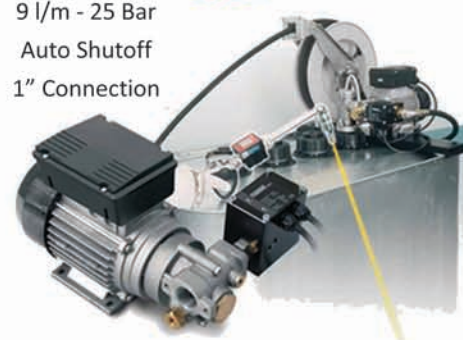
**PS850000**  
PTO Air Compressor  
1000 Kpa



**PS270010**  
220v Oil Drum  
Pump Kit - 25 l/m  
30 min Duty Cycle

Oil

**PS302060**  
220v Oil Pump  
9 l/m - 25 Bar  
Auto Shutoff  
1" Connection



Oil



**PS326000**  
220v Diesel Pump  
100 l/m  
0.5 Bar

Diesel

**PS802000**  
PTO Pump Only  
350 l/m - 10 Bar



**PS801000**  
PTO Pump Kit  
110 l/m - 25 Bar

Water



PART NUMBER	DESCRIPTION	OIL	DIE	PET	L/M	BAR
PS116990	Filter Cartridge & Head		x	x	100	3.5
PS611A00	Filter Cartridge & Head H2O Absorb		x	x	70	3.5
PS611A10	Filter Cartridge & Head H2O Absorb		x	x	150	3.5
PS777200	Filter Cartridge & Head 60 l/m	x	x	x	60	12
PS914900	Filter Cartridge & Head	x	x	x	100	12
PS611010	Filter Cartridge H2O Absorb		x	x	70	3.5
PS611000	Filter Cartridge	x	x	x	60	12
PS611020	Filter Cartridge H2O Absorb		x	x	150	3.5
PS935900	Filter Cartridge	x	x	x	100	12
PS130200	Suction Tube Foot Filter - DC Pumps	x	x	x	N/A	N/A
PS737300	Suction Tube Foot Filter 1"	x	x	x	N/A	N/A
PS611040	Paper Filter Cartridge, for Water Separator		x		70	5
PS611B10	Water Separator, Paper Filter Cartridge & Head		x		70	5
PS912000	In-Line Diesel Meter Filter		x		N/A	N/A





## PUMPS



**PS316000**  
Piston Drum  
Pump - 65 l/m  
(Suitable for Avgas)

*Oil*  
*Diesel*  
*Gasoline*



**NEOJW2150**  
**PS333000**  
Rotary Drum Pump  
Meter & Hose - Oil

*Diesel*  
**NEOJW215D**  
**PS334000**  
Rotary Drum Pump  
Meter & Hose - Diesel



**PS152360**  
Bung Adaptor  
Plastic Drum



**PRES300**  
Lever Action  
Transfer Drum Pump

*Oil*  
*Diesel*



**PS351000**  
Piston Drum  
Pump

*Diesel*



**PS363020**  
12v Battery  
Bi Pump  
85 l/m  
30 min Duty Cycle  
1" Connection

**PS363040**  
24v Battery  
Bi Pump  
85 l/m  
30 min Duty Cycle  
1" Connection



**PS202040**  
12v Diesel Pump Kit - Pico  
30 min Duty Cycle

*Diesel*

**PS22300C**  
12v Battery  
Pump - 50 l/m  
30 min Duty Cycle  
3/4" Inlet

**PS22400C**  
24v Battery  
Pump - 50 l/m  
30 min Duty Cycle



**PS22500C**  
12v Battery Transfer  
Pump Kit - 50 l/m  
30 min Duty Cycle

*Diesel*

*Diesel*



**PS22600C**  
24v Battery  
Transfer Pump  
Kit - 50 l/m  
30 min Duty Cycle  
3/4" Inlet - 4m Hose

*Diesel*

**PS340030**  
12v Battery  
Transfer Pump  
Kit - 56 l/m  
30 min Duty Cycle

*Diesel*



**PS591000**  
220v Diesel Wall  
Dispensing Unit  
70 l/m  
1" 4m Hose

*Diesel*



**PS737000**  
220v Diesel  
Dispensing  
Cabinet  
70 l/m  
3 Digit Meter

*Diesel*



**PS689000**  
POD  
Preset Oil  
Dispenser

**PS74001A**  
220v Diesel  
Dispensing  
Cabinet  
100 l/m  
4 Digit Meter







PS231000  
Piusibox  
Battery Pump Kit  
12v  
45 l/m  
30 min Duty Cycle

*Diesel*



PS232000  
Piusibox  
Battery Pump Kit  
24v  
45 l/m  
30 min Duty Cycle

*Diesel*

*Diesel*

PS315000  
Diesel Transfer Pump  
200 l/m  
2.5 Bar  
220v



Optional Wheels  
Extra



*Diesel*



*Diesel*  
*Oil*

PS506000  
Recycling Pump  
Complete with Filter  
For Diesel & Oil  
220v - 56 l/m  
12v - 50 l/m



*Oil*

PS500B00  
Wall Mount Oil Evacuator  
10 l/m - 2 m Suction Hose  
220v

*Diesel*

*Oil*







# INDUSTRIAL PUMPS



RM190C51  
5:1 Mono  
Oil Pump  
S900  
45 l/m



RM11011  
Wall Bracket  
Monoblock

RM88630  
Drip Tray  
Wall Mounted



OWPRESS  
½" Pressure  
Relief Valve



RM191F451  
45:1 Grease  
Drum Pump  
4400 g/m



RM116F751  
75:1 Grease  
Drum Pump  
4400 g/m



OWCHECK  
½" Check Valve



ACTX15B  
Suzi Coil  
Available in  
Various Lengths  
and Colours



PS817300  
Liquid Teflon Sealant

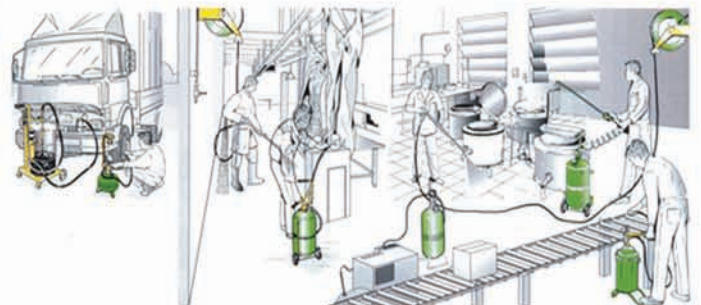


RM37690  
Oil Bar - 1 Tap

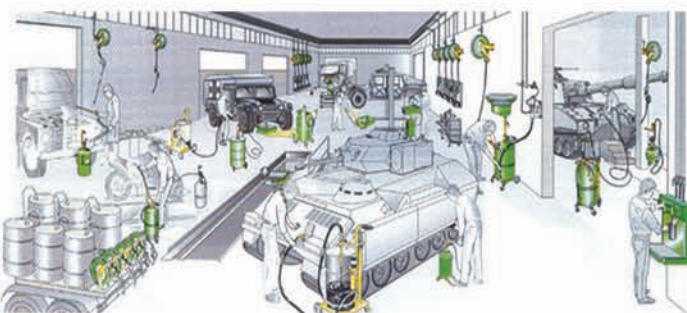
## FIELDS OF APPLICATION



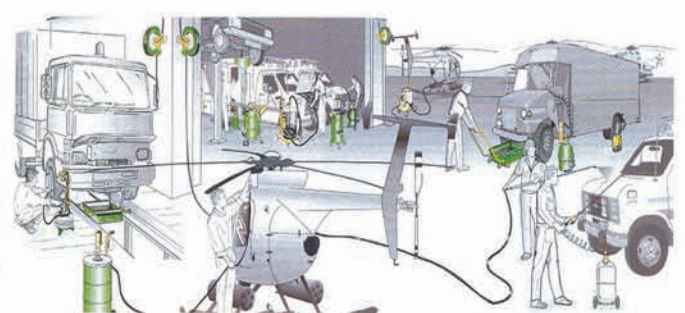
INDUSTRY



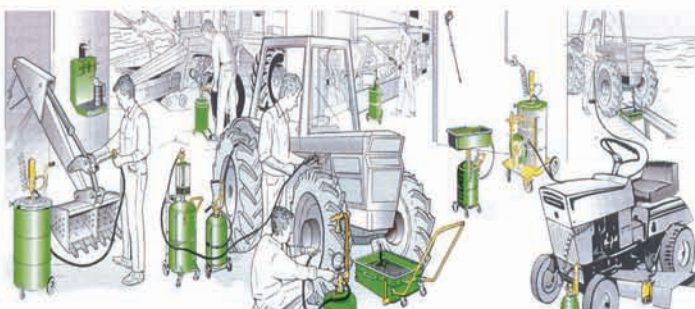
FOOD



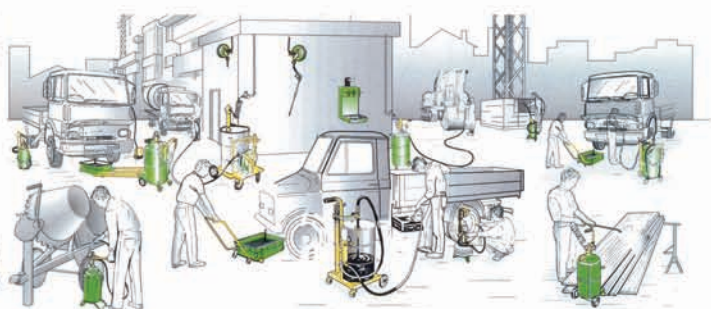
ARMY



AERONAUTICS



AGRICULTURE



BUILDING INDUSTRY





# HOSE REELS



**RM8420400**  
12m ½" Retractable Hose Reel  
for Oil with Swivel Mounting Bracket  
& Hose Stop - No Hose  
Inlet : ½" Female  
Outlet : ½" Female



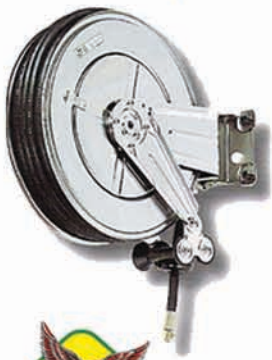
**RM8520400**  
20m ½" Retractable Hose Reel  
for Oil with Swivel Mounting Bracket  
& Hose Stop - No Hose  
Inlet : ½" Female  
Outlet : ½" Female



**RM8380100**  
18m ¼" Retractable Hose Reel  
for Air with Swivel Mounting Bracket  
& Hose Stop - No Hose  
Inlet : 3/8" Female  
Outlet : 3/8" Female



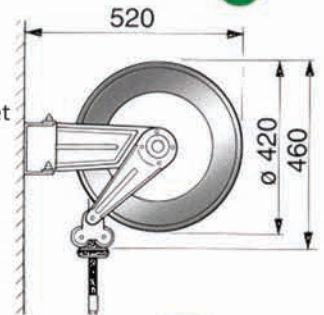
**RM8420701**  
13m ¼" Dual Gas Hose Reel  
with Swivel Hose  
Inlet : ¼" Gas  
Outlet : ¼" Gas



**RM8424300**  
12m 3/8" Retractable Stainless  
Steel Hose Reel for Water with  
Swivel Mounting Bracket &  
Hose Stop - No Hose  
Inlet : ¾" Female  
Outlet : ½" Female



**RM8420500**  
12m ¼" Retractable Hose Reel  
for Grease with Swivel Mounting Bracket  
& Hose Stop - No Hose  
Inlet : ¼" Female  
Outlet : ¼" Female



**RM8540400**  
15m ¾" Retractable Hose Reel  
for Oil with Fixed Mounting Bracket  
& Hose Stop - No Hose  
Inlet : ¾" Female  
Outlet : ¾" Female  
Can also take 15m x 1" Hose



**RM8560400**  
30m 1" Retractable Hose Reel  
for Oil with Swivel Mounting Bracket  
& Hose Stop - No Hose  
Inlet : 1" Female  
Outlet : 1" Female



**RM8380400**  
17m 3/8" Retractable Hose Reel  
for Oil with Swivel Mounting Bracket  
& Hose Stop - No Hose  
Inlet : ½" Female  
Outlet : ½" Female

**RM8440400**  
12m ½" Retractable Enclosed Hose  
Reel for Oil with Swivel Mounting  
Bracket & Hose Stop - No Hose  
Inlet : ½" Female  
Outlet : ½" Female



**RM89109**  
11m ¼" Retractable Enclosed  
Hose Reel for Air or Water  
Complete with Hose  
Inlet : ¼" Male  
Outlet : ¼" Male







## OIL AND GREASE HOSE

PART NUMBER	DESCRIPTION
HOSER1005	½" Oil Hose - ½ m
HOSER100	½" Oil Hose - 1 m
HOSER101	½" Oil Hose - 1½ m
HOSER103	½" Oil Hose - 3 m
HOSER110	½" Oil Hose - 10 m
HOSER112	½" Oil Hose - 12 m
HOSER115	½" Oil Hose - 15 m
HOSER120	½" Oil Hose -20 m
HOSER1A00	¾" Oil Hose - 1 m
HOSER1A01	¾" Oil Hose - 1½ m
HOSE R1A02	¾" Oil Hose - 2 m

PART NUMBER	DESCRIPTION
HOSER1A15	¾" Oil Hose - 15 m
HOSER201	¼" Grease Hose - 1½ m
HOSER203	¼" Grease Hose - 3 m
HOSER205	¼" Grease Hose - 5 m
HOSER212	¼" Grease Hose - 12 m
HOSER215	¼" Grease Hose - 15 m
HOSER220	¼" Grease Hose - 20 m
AME10610	¼" Male to 3/8" Male Hydraulic Hose for Beadbreakers - 2 m
PS111710	1" PVC Connection Hose - 1 m
PS112130	1" PVC Connection Hose - 1.9 m
PS897700	1" Diesel Delivery Hose - 4 m

## DRUM COVERS & FOLLOWER PLATES

PART NUMBER	DESCRIPTION
RM65280	Drum Cover 280mm - 15 Kg
RM65310	Drum Cover 310mm - 15 Kg
RM65350	Drum Cover 350mm - 18 Kg
RM65385	Drum Cover 385mm - 50 Kg
RM65420	Drum Cover 420mm - 50 Kg
RM65600	Drum Cover 600mm - 180 Kg
RMI1050	Industrial Drum Cover



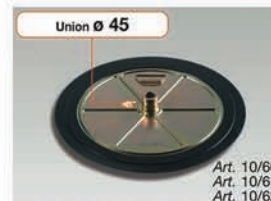
PART NUMBER	DESCRIPTION
RM66265	Follower Plate 265mm
RM66310	Follower Plate 310mm
RM66370	Follower Plate 370mm
RM66400	Follower Plate 400mm
RM66590	Follower Plate 585mm
RMI1060	Industrial Follower Plate



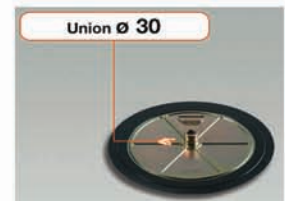
Industrial Drum Cover



Standard Drum Cover



Industrial Follower Plate



Standard Follower Plate

## CUSTOMISED HOSE REEL STANDS & COLUMNS







# OIL & GREASE PUMPS



**RM35196**  
3:1 Oil Pump  
Suitable for 210L Drums  
Includes Bung Adaptor for Drum  
Delivery : 14 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ½" Female  
Tube Length : 940mm  
Tube Diameter : 42mm



**RM36096**  
5:1 Oil Pump  
Suitable for 210L Drums  
Includes Bung Adaptor for Drum  
Delivery : 18 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ½" Female  
Tube Length : 940mm  
Tube Diameter : 42mm



**RM33196**  
1:1 Oil Transfer Pump  
Suitable for 210L Drums  
Includes Bung Adaptor for Drum  
Delivery : 40 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ¾" Female  
Tube Length : 940mm  
Tube Diameter : 42mm  
Suitable for Antifreeze



**RM36060**  
5:1 Oil Pump  
Wall Mounted  
Stub Pump  
Delivery : 18 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ½" Female  
Tube Length : 290mm  
Tube Diameter : 45mm



**RM33160**  
1:1 Oil Pump  
Wall Mounted  
Stub Pump  
Delivery : 40 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ¾" Female  
Tube Length : 290mm  
Tube Diameter : 45mm  
Suitable for Waste Oil  
High Volume



**RM38027**  
Riser Tube  
940mm



**RM33115**  
Wall Bracket  
for 1:1 Stub  
Pump



**RM38043**  
Wall Bracket with Bung  
for 3:1 & 5:1 Stub Pumps



**RM62074**  
50:1 Grease Pump  
Suitable for 50 Kg Drums  
Tube Length : 740mm  
Tube Diameter : 30mm

**RM35160**  
3:1 Oil Pump  
Wall Mounted  
Stub Pump  
Delivery : 14 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ½" Female  
Tube Length : 290mm  
Tube Diameter : 45mm

**RM62095**  
50:1 Grease Pump  
Suitable for 180 Kg Drums  
Tube Length : 940mm  
Tube Diameter : 30mm

**RM62048**  
50:1 Grease Pump  
Suitable for 15 Kg Drums  
Tube Length : 480mm  
Tube Diameter : 30mm

All above Grease Pumps:  
Grease Free Delivery @ 6Bar - 1000 g/m  
Air Inlet : ¼" Female  
Fluid Outlet : 3/8" Female

**RM35094**

3:1 Oil Pump  
Suitable for 210L Drums  
Includes Bung Adaptor for Drum  
Delivery : 20 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ½" Female  
Tube Length : 940mm  
Tube Diameter : 32mm

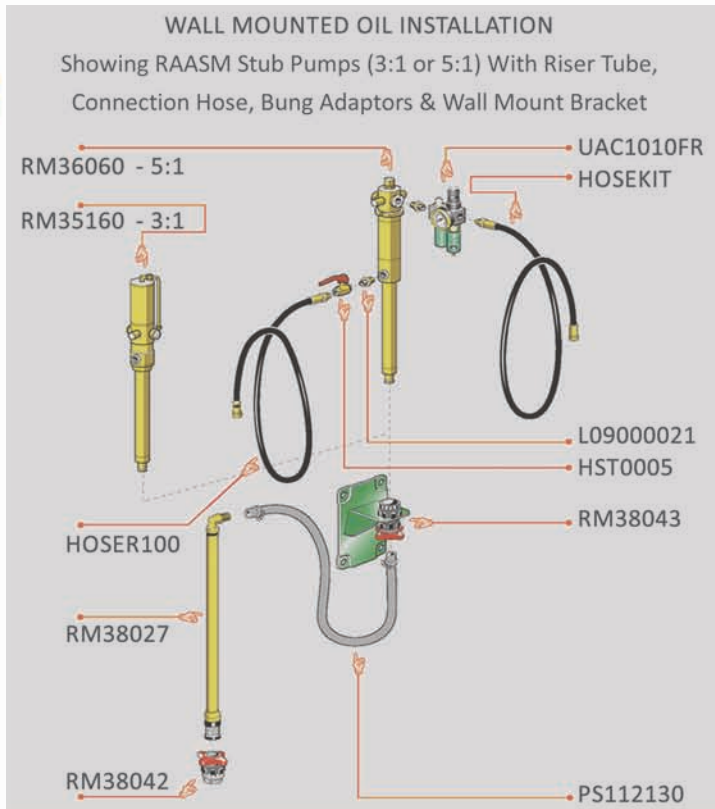


**RM26094**  
1:1 Oil Pump  
Suitable for 210L Drums  
Includes Bung Adaptor for Drum  
Delivery : 36 l/m  
Air Inlet : ¼" Female  
Fluid Outlet : ¾" Female  
Tube Length : 940mm  
Tube Diameter : 50mm



**RM38042**  
Bung Adaptor





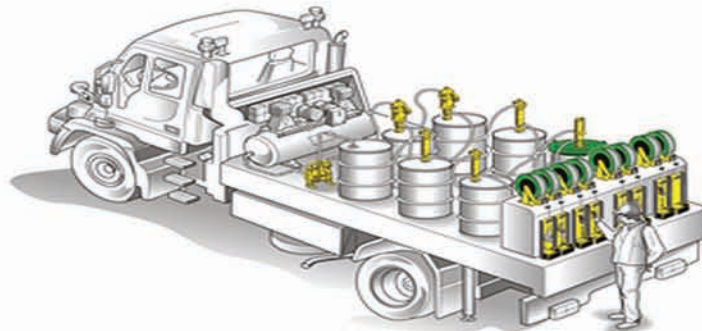
## PUMPS



RM332011 3/4" Diaphragm Pump  
RM333011 1 1/4" Diaphragm Pump



## CUSTOM LUBE TRUCK DESIGN & INSTALLATION



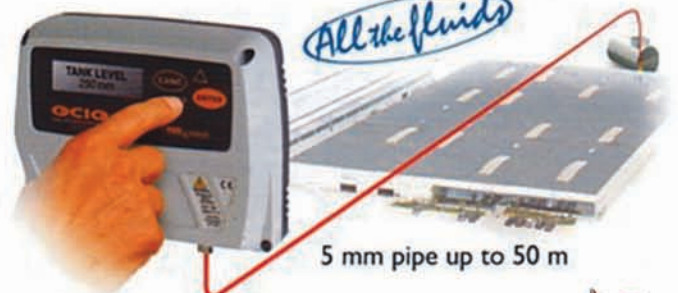
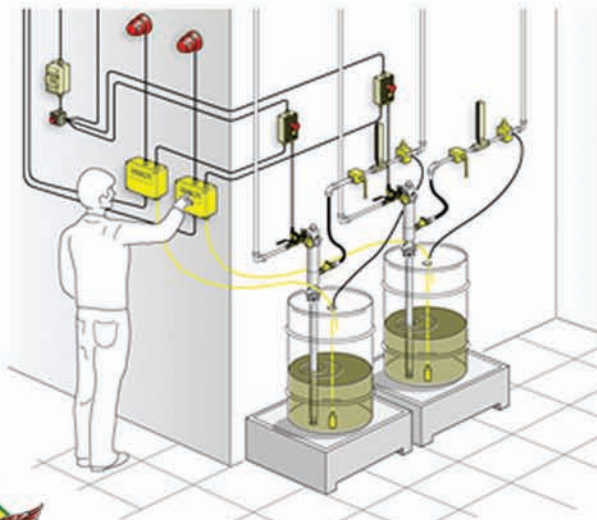
## REMOTE TANK LEVEL INDICATOR

PS75500D

Fuel Tank Level Indicator  
220v - Oil Option Available

PS129390

Oil Level Indicator Kit  
(Use with PS75500D)







**RM43090**  
Air Operated  
Waste Oil Evacuator  
Tank - 90L

Depressurising Pressure - 700 kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Time - 2 l/m



## OIL DRAINS



**RM42070**  
50L Oil Drain  
Truck Type



**RM42072**  
95L Oil Drain  
Truck Type



**RM42060**  
65L Oil Drain  
Pit Type

**RM42062**  
110L Oil Drain  
Pit Type

**RM43060**  
Air Operated  
Waste Oil Evacuator  
Tank - 60L  
Depressurising Pressure - 700kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Time - 2 l/m

**RM43085**  
Air Operated  
Waste Oil Evacuator  
Tank - 85L  
Depressurising Pressure - 700kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Time - 2 l/m

**RM44090**  
Air Operated Waste Oil  
Evacuator / Drainer  
Tank - 90L  
Bowl - 13L  
Depressurising Pressure - 700 kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Cap - 60L  
Suction Time - 2 l/m



**RM42065**  
65L Waste Oil Drain  
Discharging Pressure - 50 kpa



**RM42090**  
90L Waste Oil Drain  
Discharging Pressure - 50kpa



**RM42085**  
85L Waste Oil Drain  
Discharging Pressure - 50kpa



**RM46065**  
Air Operated Waste Oil  
Evacuator / Drainer  
Cantilever Type  
Tank - 65L  
Bowl - 14L  
Depressurising Pressure - 700 kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Cap - 40L  
Suction Time - 2 l/m



**RM46215**  
Air Operated Waste Oil  
Evacuator / Drainer  
Cantilever Type  
Tank - 115L  
Bowl - 50L  
Depressurising Pressure - 700 kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Cap - 80L  
Suction Time - 2 l/m







# OIL DISPENSERS



**RM35220**  
210L Drum Pump  
Trolley Kit

**RM35196K**  
210L Drum Pump Kit  
Excluding Trolley



**RM80210**  
210L (180Kg) Drum Trolley  
Includes Reel Mounting Facility



**RM80200**  
210L (180Kg)  
Drum Trolley



**RM80050**  
50 Kg Trolley



**RM80035**  
15 Kg Trolley



**RM42000**  
Drum Trolley  
with Drain



**RM32024**  
24L Oil Dispenser  
Hand Operated  
Wheel Mounted  
Delivery Hose - 2m  
Delivery - 200 ml/stroke



**RM33024**  
24L Oil Dispenser  
Air Operated  
Wheel Mounted  
Delivery Hose - 2m  
Operating Pressure - 800 kpa



**RM43024**  
24L Waste Oil Changer  
Depressurising Pressure - 700 kpa  
Discharging Pressure - 50 kpa

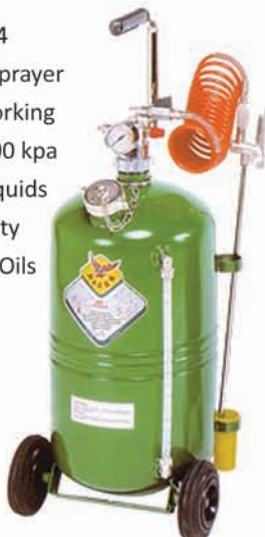
**RM32065**  
65L Oil Dispenser  
Hand Operated  
Delivery Hose - 2m  
Delivery - 200 ml/stroke



**RM68012**  
13 Kg Hand Operated  
Grease Pump



**RM22024**  
24L Pressure Sprayer  
Maximum Working  
Pressure - 1000 kpa  
Detergent Liquids  
Low Density  
Lubrication Oils



**RM70365**  
65L Parts  
Washer





# GREASE CONTROLS & KITS



**RM66888**  
1/4" Grease Control &  
S-Swivel - NPT Female



**ACT40710**  
1/8" Grease Control  
NPT Female

**RM66880**  
1/4" Grease Control  
NPT Female



**RM66663**  
Z-Swivel  
1/4" NPT Male x  
1/4" NPT Female

**ACT40721**  
Z-Swivel  
1/8" NPT Male x  
1/4" NPT Female



## SNAP ON GREASE COUPLERS

- PRES105** Light Duty 1/8" NPT Female  
**PRES107** Medium Duty 1/8" NPT Female  
**ACT40703** Heavy Duty 1/8" NPT Female

**PRES106**  
Button Head Slide on Coupler  
1/8" NPT Female



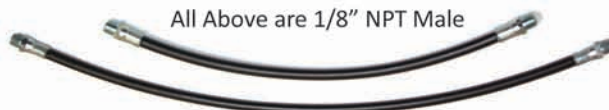
**PRES1080**  
Lever Type Grease Gun



**PRES1081**  
Oil Suction Gun

- Manual Operated**  
**PRES12** Light Duty 300mm Whip Hose - No Coupler  
**PRES18** Light Duty 450mm Whip Hose - No Coupler

- Air Operated**  
**PRES123** Heavy Duty 300mm Whip Hose - No Coupler  
**PRES183** Heavy Duty 450mm Whip Hose - No Coupler  
All Above are 1/8" NPT Male



**RM64038**  
Air Grease Kit  
50 Kg - 380mm  
with Trolley



**RM64031**  
Air Grease Kit  
15 Kg - 310mm  
without Trolley



**RM64071**  
Air Grease Kit  
180 Kg  
No Trolley



**RM68113**  
13 Kg Foot Operated  
Greaser & Container



**RM60410**  
15 Kg Hand Operated  
Grease Transfer Pump  
Kit - 310mm

**RM60310**  
15 Kg Hand Operated  
Field Greaser - 310mm

	RM64038	RM64031	RM64071	RM68113	RM60310
Ratio	50:1	50:1	50:1	-	-
Outlet	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
Hose	3 m	4 m	4 m	2.5 m x 1/4"	2.5 m x 1/4"
Outlet Pressure @ 5 Bar	250 Bar	250 Bar	250 Bar	200 Bar	150 Bar







**ACTS83**  
Air Greaser Complete  
to fit 180 Kg  
Without Trolley

## GREASERS

# ACTWELL



**ACTS43**  
Air Greaser Roller Cart  
For 15 & 18 Kg Containers



**ACTS61**  
Air Greaser Complete  
to fit 50 Kg  
Without Trolley



**ACTH032**  
Hand Operated  
Gear Oil Pump  
c/w Wheels &  
20L Container



**ACTHG30**  
Hand Operated  
Greaser &  
15 Kg Container



**ACTS63**  
Air Greaser Complete  
to fit 50 Kg  
With Trolley



**ACTHG31**  
Hand Operated  
Field Greaser  
to fit 15 Kg Drum



**GGUN**  
8 Kg Foot Operated  
Greaser  
c/w 2 m Hose



**ACTS33**  
Air Greaser  
to fit  
15 Kg Drum



**ACTHG31M**  
Hand Operated  
Field Greaser  
to fit 18 Kg  
Plastic Pail



**ACTS33M**  
Air Greaser  
to fit  
18 Kg Plastic Pail

	ACTS83	ACTS63 / S61	ACTS43	ACTS33 / S33M	ACTHG30	ACTHG31 / 31M
Ratio	45:1	45:1	45:1	45:1	-	-
Outlet	¼" NPT	¼" NPT	¼" NPT	¼" NPT	¼" NPT	¼" NPT
Hose	5m x ¼"	3m x ¼"	3m x ¼"	3m x ¼"	2m x ¼"	2m x ¼"
Outlet Pressure	395 Bar	395 Bar	395 Bar	395 Bar	195 Bar	195 Bar

### GREASE PUMPS



**ACTS30** 15 Kg  
Grease Pump 45:1



**ACTS40** 25 Kg  
Grease Pump 45:1



**ACTS60** 50 Kg  
Grease Pump 45:1



**ACTS80** 180 Kg  
Grease Pump 45:1



**ARO611020**  
Gear Oil Lubricator  
Nylon Tank  
20L



**ARO615004**  
Economy Oil Drain  
50 L



**TRG2018**  
Air Operated  
Oil Drain  
80 L

### CAM LOCKS



**CAMDC15**  
Dust Cap - 1½"



**CAMDC1**  
Dust Cap - 1"



**CAMD15**  
Coupler - 1½" Female



**CAMD1**  
Coupler - 1" Female



**CAMB1**  
Coupler - 1" Male



**CAMF1**  
Adaptor - 1" Male



**CAMA15**  
Adaptor - 1½" Female



**CAMA1**  
Adaptor - 1" Female

**CAMDP1** Dust Plug 1"  
**CAMDP15** Dust Plug 1½"



20





TRILL3001  
Leadlight 220v 8w Fluorescent



C035000  
Cordless LED Worklight - Rechargeable  
Magnetic Base



UAG02  
Oil, Paraffin Spray Gun

## OIL MEASURES AND FUNNELS



PS916000  
Oil Measure - 1L



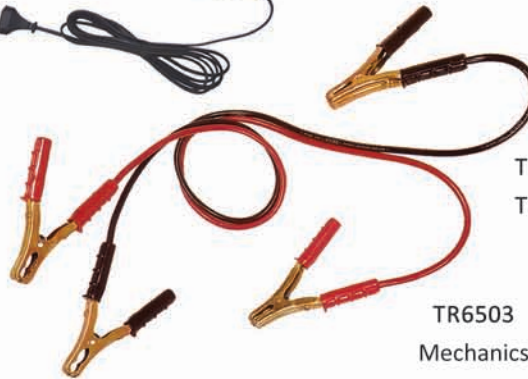
TR4008  
Lead Light - 220v with Switch  
60 Watt Maximum



ZECA980  
Battery Filler 1L

PS917000  
Oil Measure - 2L

PS920000  
Oil Measure - 5L



Booster Cable Sets  
TRIBC500 500 Amp 2.5 m  
TRIBC600 600 Amp 4.0 m

PS930000 Plastic Funnel - 180 mm

PS931000 Plastic Funnel - 200 mm



ZECA922  
TRIB150  
Battery Hydrometer



PBT70900  
Camclamp Kit

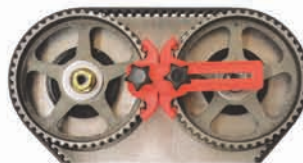
TR6503  
Mechanics  
Creeper  
Steel - 6 Wheel



TR6802  
Mechanics  
Creeper  
Plastic - 6 Wheel



ZECA152  
TRIA200  
Antifreeze Tester



PBT70896  
Timing Gear Clamp  
Used on Twin-cam & Quad-cam Engines  
Hold Valve Timing During Belt Replacement



PBT70915  
4 in 1 Brake Pad  
Spreader



ZECA5823  
4 Core Cable Reel  
1.5 mm x 9m



ZECA430  
Aspirator

ZECA5827  
3 Core Cable Reel  
1.5 mm x 11 m



ZECA470  
Diesel Injector  
Tester



PBT80000  
Vacuum Test  
Pump



C120001  
Coil Spring Compressor  
1500 Kg

**CANVIK**

C100001  
Universal Heavy Duty  
Coil Spring Compressor  
2500 Kg



C130001  
Coil Spring Compressor  
Complete Centre

C100050  
APOLLO  
1.5 Ton Pneumatic  
Coil Spring Compressor  
Safety Station



C110001  
Heavy Duty Coil  
Spring Compressor  
2250 Kg







## BATTERY CHARGERS & TESTERS



DECA16



DECA30



DECA400



DECA4500



DECAFL1512  
Smart Charger



DECA1236  
Smart Charger

PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT	BOOST START	PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT	BOOST START
DECA16	Battery Charger	12 - 24v	12 Amp	-	DECA400	Battery Charger/Booster	12 - 24v	40 Amp	400 Amp
DECA30	Battery Charger	12 - 24v	30 Amp	-	DECA4500	Battery Charger/Booster	12 - 24v	75 Amp	500 Amp
DECA1236	Battery Charger - Auto	12v	3.6 Amp	-	DECAFL1512	Battery Charger - Auto	6 - 12v	22 Amp	-



HAWAP05



HAWAP50



HAWPRO15



HAWAP10



HAWBLT600  
600 Amp Battery Tester



HAWPRO615



HAWPRO524  
Battery Charger

PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT	BOOST START	PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT	BOOST START
HAWAP05	Battery Charger - Auto	12 - 24v	32 Amp	-	HAWPRO15	Battery Charger	6 - 24v	15 Amp	-
HAWAP10	Battery Charger - Auto	12 - 24v	40 Amp	-	HAWPRO30	Battery Charger	6 - 24v	30 Amp	-
HAWAP20	Battery Charger - Auto	12v	20 Amp	-	HAWPRO524	Battery Charger/Booster	12 - 24v	60 Amp	500 Amp
HAWAP50	Battery Charger - Auto	12v	50 Amp	-	HAWPRO615	Battery Charger	12 - 72v	15 Amp	-
HAWBLT600	Battery Load Tester	-	600 Amp	-	TRIWBC060	Battery Charger		60 Amp	-



LE1210 1000 A  
LE1222 2200 A  
  
Portable Battery  
Booster Kit - 12v



TRIWBC060



SINBT501  
Digital Battery Tester  
with Printer



ELAKGROWL



ELAKBCT7D  
Digital Battery Tester



LE2422  
Portable Battery  
Booster Kit  
12v / 24v  
4400 A / 2200 A



TRI215  
Battery Load Tester



TRIB150  
Battery Hydrometer  
ZECA922  
Battery Hydrometer H/D



ELAKBCT5D  
Digital Battery  
Tester



ELAKVA2  
12v Battery Tester  
0 - 20 Volts  
0 - 200 Amps



## TESTERS



**STTU1552**  
Compression Tester  
Diesel



**STTU443**  
Global Fuel Injection  
Pressure Tester



**STCLT2**  
Cylinder Leakage  
Tester



**STTU202**  
Compression Tester  
Petrol



**STTU7**  
Compression Tester  
Petrol Flexible



**STTU4A**  
Oil Pressure Tester  
Engine / Transmission



**STTU29PB**  
Exhaust Back  
Pressure Tester



**STTU1**  
Vacuum & Fuel  
Pump Tester



**STTU12**  
Oil Pressure Tester Engine



**STTU17**  
Whistle CLT2



**ST2000/2**  
Injection Pressure Test - 2 Gauges



**WAP**

Vacuum Cleaners  
Hot & Cold Pressure Washers



**ELAKATB**  
Alternator & Starter Test Bench  
200 Amp - 12/24 Volt



**OMCN850**  
Suspension Play  
Tester





## TESTERS

# MOTOMETER



**MM30011101**  
Petrol Compression  
Tester  
No Adaptors



**MM30021103**  
Diesel Compression  
Tester  
No Adaptors



**MM92011900**  
Card Holder

**MM34125100**  
Diesel Tester Cards  
**MM34124800**  
Petrol Tester Cards

PART NUMBER	DESCRIPTION
MM20041002	Snap-In Ext 105 mm
MM20041003	Snap-In Ext 70 mm
MM20041004	Snap-In Ext 70 Deg
MM20041005	Snap-In Ext 140 mm
MM20041006	Snap-In Cone
MM20041009	Adaptor Nipple



**MM30001101**  
Petrol Compression  
Tester & Adaptor Set



**ZECA415**  
Radiator Pressure Tester

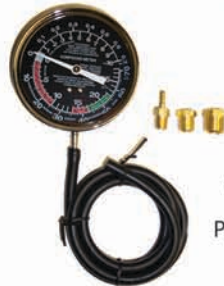
**PJ3**  
Optional Cap  
Testing Kit



**PBT70800**  
Bladder Type  
Radiator  
Pressure Tester



**TRIG324**  
Compression Tester



**TRIG311**  
Vacuum Fuel  
Pressure Tester



**TRIR620**  
Digital Multimeter



**TECNO6801**  
220v Electric Brake Bleeder  
with Universal Adaptor  
Adjustable Pressure 0-4 Bar  
3.5m Bleeding Hose  
Suitable for ABS

**RM10807D**  
Brake Bleeder  
with Universal  
Adaptor Kit  
and "D" Cap



**ZECA209**  
Air Valve Grinder



**SPX451D**  
Headlight Aimer with:  
Optical Sighting Device  
Vertical Shifting for Check-Out Screen  
Adjustment in Horizontal Position  
Double Scale Luxmeter  
Vertical Shifting with Self-Locking Clamp  
Weight : 19 Kg  
SABS Approved  
Report Number : 885N/85808



**TECNO2066**  
Mechanical Headlight Aimer  
Mirror Aiming Device  
Analogue Lux Meter  
Inclination Adjustment  
Suitable for all Head Light Types

**TECNO2501**  
Electronic Headlight Aimer  
Mirror Aiming Device  
Electronic ECT Panel  
Digital Lux Meter  
RS232 Serial Port  
Inclination Adjustment  
Suitable for all Head Light Types







## TIMING LIGHTS



SINPM1



SINDG86  
SINDG83



SINDS88



TRISCO



TRIDA5100



TRITL5100



TRITA2200

MAKE	MODEL	DISPLAY	FEATURES
SINCRO	PM1	Analogue	RPM, ADV, Dwell
SINCRO	DG83	Digital	RPM, ADV, Dwell, DC Volt
SINCRO	DG86	Digital	RPM, ADV, Dwell, DC Volt, Memory
SINCRO	DS88	Digital	RPM, ADV, Dwell, DC Volt
TRISCO	DA5100	Digital	RPM, ADV, Dwell, DC Volt
TRISCO	TL5100	Analogue	RPM, Dwell, DC Volt
TRISCO	TA2200	Analogue	ADV



KLMC700  
4 Gas Analyser  
Measures CO, HC, CO<sub>2</sub>, O<sub>2</sub>  
c/w Printer

## GAS ANALYSERS



MSWT201  
Messer CO Tester  
Measurement Range : 0 - 10.0 %  
Reading Range : 19.9 %  
Resolution : 0.1 %  
Warm up Time : < 60 seconds  
Power Supply Car Battery : 10 - 16 Volts  
Dimensions : 145 x 200 x 200 mm  
Weight : 2.8 Kg



MSG540  
Messer Infrared 4 Gas Analyser  
Siemens Gas Bench  
Measures : CO, CO<sub>2</sub>, HC, O<sub>2</sub>  
Lamda Factor Calculation  
Warm up Time : 9 minutes  
Automatic Self Calibration



MSWT220  
Messer 2 Gas Tester  
RPM, CO & O<sub>2</sub> Measurement  
Lamda Factor Calculation





# TORQUE WRENCHES



MODEL MULTIPLIER	RANGE		RATIO	INPUT SQUARE/HEXAGON	OUTPUT SQUARE	WEIGHT Kg	MAJOR DIA. mm	OVERALL HEIGHT mm
	Nm	lbf.ft						
NORHT3S	1300	960	5:1	½" F 32mm A/F M	¾"	5.1	108	126
NORHT3H	2700	1990	5:1	¾" F 36mm A/F M	1"	5.1	108	129



MODEL	SQUARE DRIVE	RANGE		LENGTH mm	WEIGHT Kg
		Nm	lbf.ft		
NOR3AR	¾"	100 - 500	70 - 370	915	5.2
NOR4R	¾"	150 - 700	110 - 510	1090	6.3
NOR4AR	¾"	200 - 800	150 - 590	1145	6.4
NOR5R	¾"	300 - 1000	220 - 740	1470	7.3
NOR5AR	¾"	700 - 1500	500 - 1000	1475	10.4

NORTT50B	½"	8 - 50	6 - 37	280	0.8
NORTT100B	½"	20 - 100	15 - 70	340	0.7
NORTT150	½"	30 - 150	22 - 110	420	1
NORTT200	½"	40 - 200	30 - 150	440	1
UMC150TB	½"	42 - 210	31 - 155	470	1.4
NORTT250	½"	50 - 250	37 - 180	534	1.6
NORTT300	½"	60 - 330	45 - 250	675	1.4

NORTT20B	3/8"	1 - 20	7 - 15	220	0.4
NORTT50A	3/8"	8 - 50	6 - 37	280	0.8
UMC100TB	3/8"	19 - 110	14 - 81	360	0.8
NORTT100A	3/8"	20 - 100	15 - 70	340	0.7

NORTT20A	¼"	1 - 20	7 - 15	220	0.4
UMC060TB	¼"	5 - 25	4 - 19	280	0.6

NOR3ARA	1"	100 - 500	70 - 370	915	5.3
NOR4RA	1"	150 - 700	110 - 510	1090	6.5
NOR4ARA	1"	200 - 800	150 - 590	1145	6.5
NOR5RA	1"	300 - 1000	220 - 740	1470	7.4
NOR5ARA	1"	700 - 1500	510 - 1110	1470	7.4
NOR6R	1"	900 - 2000	660 - 1475	1920	13.0



## BC Flex-Hone®



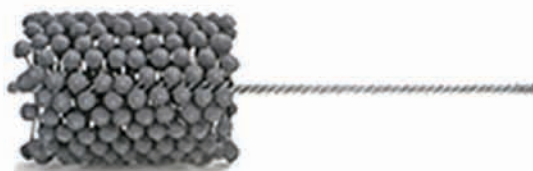
The Flex-Hone Tool produces a controlled surface condition unobtainable by any other method. The process involves finish, geometry and metallurgical structure. A high percentage plateaued surface is produced free of cut, torn and folded metal. Specifically, the process is a low-temperature, low pressure abrading system that exposes the undisturbed base metal structure to produce a long wearing surface; one that is metallurgically free of fragmented, amorphous or smeared metal from previous machining operations. A non directional or crosshatched pattern is created on the surface that contains valuable valleys between the plateaus for oil retention. The Flex-Hone Tool is a resilient, flexible honing tool with a soft cutting action. It's unique construction allows the abrasive globules or "stones" to float, assuring the tool will be self-centring, self-aligning to the bore and self-compensating for wear. Whether your need is cross hole de-burring, surface finishing or edge blending there is a Flex-Hone Tool designed for you. In Automotive, Hydraulic, Pneumatic or Industrial applications, the Flex-Hone Tool will provide a superior surface finish bringing increased product performance, longer product life and less product reject.

Part Number	Description
BC5M24	Flex Hone 5mm 240SC
BC6.4M18	Flex Hone 6.4mm 180SC
BC6.4M18AO	Flex Hone 6.4mm 180AO
BC7M24	Flex Hone 7mm 240SC
BC7M24AO	Flex Hone 7mm 240AO
BC8M18	Flex Hone 8mm 180SC
BC8M24	Flex Hone 8mm 240SC
BC8M24AO	Flex Hone 8mm 240AO
BC9M12	Flex Hone 9mm 120SC
BC9M18	Flex Hone 9mm 180SC
BC9M24	Flex Hone 9mm 240SC
BC10M12	Flex Hone 10mm 120SC
BC10M18	Flex Hone 10mm 180SC
BC10M24	Flex Hone 10mm 240SC
BC10M24AO	Flex Hone 10mm 240AO
BC10M600AO	Flex Hone 10mm 600AO
BC11M12	Flex Hone 11mm 120SC
BC11M18	Flex Hone 11mm 180SC
BC11M24	Flex Hone 11mm 240SC
BC12.7M18	Flex Hone 12.7mm 180SC
BC12.7M24	Flex Hone 12.7mm 240SC
BC12M12	Flex Hone 12mm 120SC
BC12M120Z	Flex Hone 12mm 120Z 1525
BC12M18	Flex Hone 12mm 180SC
BC12M24AO	Flex Hone 12mm 240AO
BC14M12	Flex Hone 14mm 120SC
BC14M18	Flex Hone 14mm 180SC
BC14M24	Flex Hone 14mm 240SC
BC14M600AO	Flex Hone 14mm 600AO
BC16M18	Flex Hone 16mm 180SC
BC16M24	Flex Hone 16mm 240SC

Part Number	Description
BC18M12	Flex Hone 18mm 120SC
BC18M18	Flex Hone 18mm 180SC
BC18M24	Flex Hone 18mm 240SC
BC18M24AO	Flex Hone 18mm 240AO
BC18M600AO	Flex Hone 18mm 600AO
BC19M18	Flex Hone 19mm 180SC
BC19M24	Flex Hone 19mm 240SC
BC20M12	Flex Hone 20mm 120SC
BC20M18	Flex Hone 20mm 180SC
BC20M24	Flex Hone 20mm 240SC
BC20M24AO	Flex Hone 20mm 240AO
BC20M32	Flex Hone 20mm 320SC
BC20M600AO	Flex Hone 20mm 600AO
BC22M12	Flex Hone 22mm 120SC
BC22M18	Flex Hone 22mm 180SC
BC22M18AO	Flex Hone 22mm 180AO
BC22M24	Flex Hone 22mm 240SC
BC22M24AO	Flex Hone 22mm 240AO
BC22M600AO	Flex Hone 22mm 600AO
BC23.8M18	Flex Hone 23.8mm 180SC
BC25M12	Flex Hone 25mm 120SC
BC25M18	Flex Hone 25mm 180SC
BC25M24	Flex Hone 25mm 240SC
BC25M600AO	Flex Hone 25mm 600AO
BC29M18	Flex Hone 29mm 180SC
BC29M24	Flex Hone 29mm 240SC
BC29M600AO	Flex Hone 29mm 600AO
BC31.8M12	Flex Hone 31.8mm 120SC
BC31.8M18	Flex Hone 31.8mm 180SC
BC31.8M24	Flex Hone 31.8mm 240SC
BC31.8M24AO	Flex Hone 31.8mm 240AO

Part Number	Description
BC35M18	Flex Hone 35mm 180SC
BC35M24	Flex Hone 35mm 240SC
BC35M24AO	Flex Hone 35mm 240AO
BC35M600AO	Flex Hone 35mm 600AO
BC38M12	Flex Hone 38mm 120SC
BC38M18	Flex Hone 38mm 180SC
BC38M18AO	Flex Hone 38mm 180AO
BC38M24	Flex Hone 38mm 240SC
BC38M600AO	Flex Hone 38mm 600AO
BC4.5M24	Flex Hone 4.5mm 240SC
BC41M18	Flex Hone 41mm 180SC
BC41M24	Flex Hone 41mm 240SC
BC41M32	Flex Hone 41mm 320SC
BC45M18	Flex Hone 45mm 180SC
BC45M24	Flex Hone 45mm 240SC
BC45M24AO	Flex Hone 45mm 240AO
BC51M18	Flex Hone 51mm 180SC
BC51M18AO	Flex Hone 51mm 180AO
BC51M24	Flex Hone 51mm 240SC
BC51M24AO	Flex Hone 51mm 240AO
BC51M32	Flex Hone 51mm 320SC
BC57M12	Flex Hone 57mm 120SC
BC57M18	Flex Hone 57mm 180SC
BC57M24	Flex Hone 57mm 240SC
BC64M18	Flex Hone 64mm 180SC
BC64M24	Flex Hone 64mm 240SC
BC70M18	Flex Hone 70mm 180SC
BC70M24	Flex Hone 70mm 240SC
BC76M18	Flex Hone 76mm 180SC
BC76M24	Flex Hone 76mm 240SC
BC76M32	Flex Hone 76mm 320SC

## GBD Flex-Hone®



The GBD Series Flex-Hone tools are designed for bore diameters from 3" thru 8" in a twisted-in-wire construction. Heavyduty Flex-Hones are commonly used for block cylinders or liners, stationary diesel, oil and gas pipes, marine engine and many other applications. The heavy duty tool is recommended for large diameter or high production applications. Additional abrasive types and grits are available.

Part Number	Description
GBD31424	Flex Hone GBD 3.25" 240SC
GBD33412	Flex Hone GBD 3.75" 120SC
GBD33418	Flex Hone GBD 3.75" 180SC
GBD40012	Flex Hone GBD 4" 120SC
GBD40018	Flex Hone GBD 4" 180SC
GBD41218	Flex Hone GBD 4.5" 180SC
GBD41224	Flex Hone GBD 4.5" 240SC
GBD41418	Flex Hone GBD 4.25" 180SC
GBD50018	Flex Hone GBD 5" 180SC
GBD50024	Flex Hone GBD 5" 240SC
GBD51218	Flex Hone GBD 5.5" 180SC
GBD60018	Flex Hone GBD 6" 180SC

Part Number	Description
GBD600400	Flex Hone GBD 6" 400SC
GBD61218	Flex Hone GBD 6.5" 180SC
GBD70018	Flex Hone GBD 7" 180SC
GBD71212	Flex Hone GBD 7.5" 120SC
GBD71218	Flex Hone GBD 7.5" 180SC
GBD30018	Flex Hone GBD 3" 180SC
GBD30024	Flex Hone GBD 3" 240SC
GBD31218	Flex Hone GBD 3.5" 180SC
GBD31224	Flex Hone GBD 3.5" 240SC
GBD31418	Flex Hone GBD 3.25" 180SC
GBD100018	Flex Hone GBD 10" 180SC c/w Shaft

Part Number	Description
GBD101212	Flex Hone GBD 10.5" 120SC c/w Shaft
GBD110018	Flex Hone GBD 11" 180SC c/w Shaft
GBD111218	Flex Hone GBD 11.5" 180SC c/w Shaft
GBD120018	Flex Hone GBD 12" 180SC
GBD130018	Flex Hone GBD 13" 180SC c/w Shaft
GBD80018	Flex Hone GBD 8" 180SC
GBD81218	Flex Hone GBD 8.5" 180SC
GBD90018	Flex Hone GBD 9" 180SC c/w Shaft
GBD91218	Flex Hone GBD 9.5" 180SC c/w Shaft
GBDAS5.5	Flex Hone GBD 5.5" - 5.75" 120AO
GBDAS5.75	Flex Hone GBD 5.75" - 5.875" 120AO



## PRESSES



OMCN164  
100 Ton

Electro Hydraulic Press



OMCN158  
50 Ton  
Press

OMCN160  
100 Ton  
Press



OMCN156  
20 Ton  
Press



OMCN153  
10 Ton  
Press

## TROLLEY JACKS



OMCN119  
OMCN119/A



OMCN123

OMCN123/A

OMCN122



OMCN1120E  
2 Ton Trolley Jack  
Panel Shop  
Polyurethane  
Wheels

OMCN1120G  
1.5 Ton Trolley Jack  
Panel Shop  
Polyurethane  
Wheels

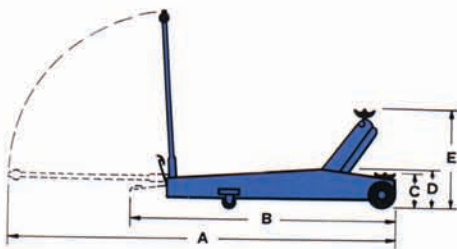
Polly Wheels



OMCN3020  
3 Ton Trolley Jack  
Polyurethane Wheels



OMCN3030  
6 Ton Trolley Jack  
Polyurethane Wheels



PART No	TON	MAX WIDTH	WEIGHT	A	B	C	D	E
OMCN119	1.5	340 mm	78 Kg	2500	1670	130	195	850
OMCN119/A	3	455 mm	91 Kg	2550	1750	135	205	875
OMCN3020	3	290 mm	52 Kg	2030	1260	90	145	505
OMCN3030	6	370 mm	80 Kg	2350	1600	130	185	555
OMCN122	10	445 mm	140 Kg	2800	1880	215	265	630
OMCN123	15	450 mm	176 Kg	3000	2030	230	280	630
OMCN123/A	20	450 mm	180 Kg	3000	2030	230	280	630

## PIT TRANSMISSION JACKS



OMCN6/73IP  
Air-Hydraulic

OMCN	OMCN2/73
Capacity	1000 Kg
Min. Lifting Range	1190 mm
Max. Lifting Range	1990 mm
Base Size	530 x 530 mm

OMCN	OMCN6/73IP
Capacity	10 000 Kg
Min. Lifting Range	1315 mm
Max. Lifting Range	2215 mm
Base Size	720 x 720 mm



OMCN4/73
Capacity
2500 Kg
Min. Lifting Range
1350 mm
Max. Lifting Range
2220 mm
Base Size
550 x 550 mm



OMCN243  
1 Ton Transmission Trolley Jack  
Min. Lifting Range - 260 mm  
Max. Lifting Range - 960 mm

## TRANSMISSION JACKS









**JAKO755**

500 Kg Pit Transmission Jack  
Min. Lifting Range - 1240 mm  
Max. Lifting Range - 2040 mm  
Base Size - 520 mm x 520 mm  
Nett Weight - 26.3 Kg



**JAKO766**  
500 Kg Pit Transmission Jack  
2 Stage  
Min. Lifting Range - 880 mm  
Max. Lifting Range - 1880 mm



**JAKO120**  
20 Ton



**JAKO150**  
50 Ton



**JAKO130**  
30 Ton



**JAKO658**  
400 Kg Motorcycle Lift  
Manual (160 mm up to 790 mm)



**JAKO1000**  
Engine Stand  
450 Kg



**JAKO6002**  
1 Ton Transmission Trolley Jack  
Min. Lifting Range - 197 mm  
Max. Lifting Range - 787 mm  
Base Size - 1175 mm x 416 mm  
Nett Weight - 58 Kg



**JAKO777**  
550 Kg Truck Wheel Dolly



**JAKO667**  
3 Ton Trolley Jack  
Short



**JAKO22000**  
Car Engine Holder



**JAKO92500**  
2.5 Ton Pallet Trolley



**JAKO831**  
10 Ton Bench Press



**JAKO988**  
1 Ton Folding Type  
Engine Crane



**JAKO999**  
2 Ton Portable Engine Crane

**JAKO510**  
10 Ton  
Floor Press

**JAKO522**  
20 Ton  
Floor Press



JAKO988				
Stage	1	2	3	4
Capacity	1 Ton	¼ Ton	½ Ton	¾ Ton
Reach	893 mm	983 mm	1073 mm	1163 mm
Min Lift	520 mm	430 mm	340 mm	250 mm
Max Lift	1855 mm	1900 mm	1945 mm	1990 mm
Length	1518 mm			
Width	1090 mm			

JAKO999				
Stage	1	2	3	4
Capacity	2 Ton	1½ Ton	1 Ton	¾ Ton
Reach	1524 mm	1791 mm	2057 mm	2381 mm
Min Lift	420 mm	298 mm	178 mm	57 mm
Max Lift	1855 mm	1900 mm	1945 mm	1990 mm
Length	2400 mm			
Width	940 mm			





JAKO81041  
Ram for Rhino  
810 14"



JAKO885  
5 Ton Pull Kit



JAKO80441  
Ram for Rhino  
804 10"



JAKO804 / TR70401  
4 Ton Porta Power

JAKO810 / TR710011  
10 Ton Porta Power

TRESTLES					
PART No	TON	RANGE mm	PART No	TON	RANGE mm
RHINOT03	3	320 - 510	RHINOT12E	12	740 - 990
RHINOT06	6	370 - 570	RHINOT50	50	500 - 750
RHINOT12	12	480 - 740	RHINOT25	25	500 - 750

JAKO81440 4 Ton Porta Power Pump  
JAKO81040 10 Ton Porta Power Pump  
JAKO81042 Porta Power Hose



JAKO890  
Push & Pull Ram Set  
Pushes 10 Ton  
Pulls 5 Ton



JAKO851  
10 Ton  
Chassis Straightener  
Swivel



JAKO844  
Air Hydraulic Jumbo  
Foot Pump  
10 Ton



JAKO840  
Air Hydraulic Pump  
10 Ton



JAKO81044  
Female Coupler - 804/810

JAKO688  
10 Ton Ram  
115 mm



JAKO81043  
Male Coupler - 804/810



TR8036A  
3 Ton Trolley Jack



TR8056A  
5 Ton Trolley Jack



TR8106A  
10 Ton Trolley Jack



TR43002  
3 Ton Ratchet Trestle  
Pair



TR83002  
3 Ton Trolley Jack  
Short



TRDF685  
2.5 Ton Pallet Trolley



TR92004  
20 Ton



TR93004  
30 Ton



TR95004  
50 Ton



TR31002  
1 Ton Folding Type  
Engine Crane



TRF9050  
500 Kg Truck Wheel Dolly

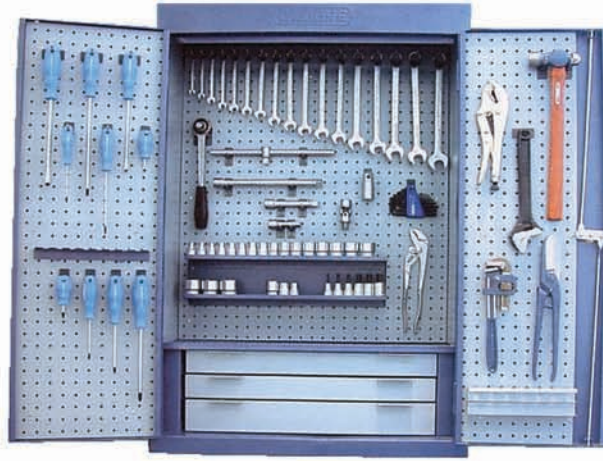


TR15001  
1.5 Ton Transmission  
Trolley Jack



TR51003  
10 Ton Bench Press





Gedore 1401 PRO Tool Set

Selection of Toolkits Available

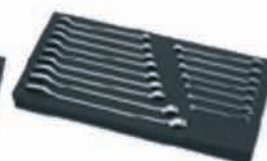


RHINO902 62 Piece Tool Kit



RHINO902A

62 Piece Tool Kit - Microtec



BOXOTS140

140 Piece Tool Set



BOXO26301

3 Draw add on  
Workbench



BOXO6201A

Add on Back Panel (Optional)



BOXO2671

7 Drawer Tool Trolley



BOXO2641

4 Drawer Tool Chest

BOXO6202A

Add on  
Workbench  
Wall Cabinet  
(Optional)



BOXO6200

Workbench Only