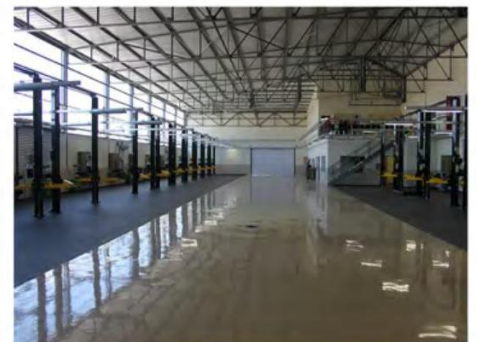
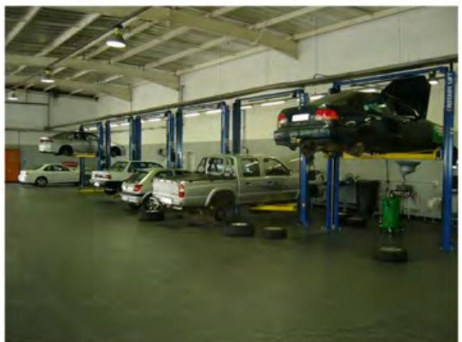
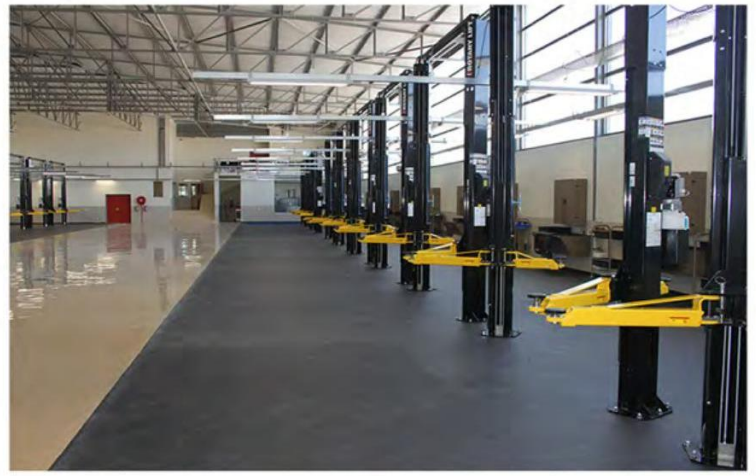




**DUOAIR**  
**PROJECTS**

**WE KEEP YOU UNDER PRESSURE**

Manuel Moutinho 082 746 8001  
Colin van Aardt 082 942 1852





VEHICLE LIFTS



**ROTARY ELECTRO-HYDRAULIC LIFTS**  
ALL ROTARY LIFTS CARRY A 2 YEAR WARRANTY



**RCA10F5G7**  
2 Post Vehicle Lift  
4.5 Ton 220v  
Basefree, **Assymetric**  
3 Stage Front Arms  
Overall Width - 3490mm  
Min Roof Clearance - 4270mm



**RO55F002B**  
2 Post Vehicle Lift  
5.5 Ton 220v  
Basefree, **Symetric**  
3 Stage Arms  
Overall Width - 3495mm  
Min Roof Clearance - 4840mm



**RCM14F001**  
4 Post Vehicle Lift  
6.3 Ton 220v  
Overall Length - 6350mm  
Overall Width - 3346mm  
Lifting Height - 1820mm



**RCM4TF000**  
4 Post Vehicle Lift  
4.0 Ton 220v  
Overall Length - 5350mm  
Overall Width - 3276mm  
Lifting Height - 1962mm



**RO65EEA023**  
2 Post Vehicle Lift  
6.5 Ton 380v  
Basefree, **Symetric**  
3 Stage Front Arms  
Overall Width - ???mm  
Min Roof Clearance - ???mm



**ROTRJ4500A**  
2 Ton Auxiliary Jack  
Pneumatic Hydraulic



**ROTFJ7800**  
Pad Extension Kit  
4 x 89mm, 4 x 127mm



**RTP40M**  
Rhino 2 Post Base Lift  
Vehicle Lift 4.0 Ton 220v  
**Symmetric**  
3 Stage Front Arms  
Overall Width - 3360mm  
Min Roof Clearance - 3900mm



**RTPC40M**  
Rhino 2 Post Base Free Lift  
Vehicle Lift 4.0 Ton 220v  
3 Stage Front Arms  
Overall Width - 3420mm  
Min Roof Clearance - 4150mm



**EEC10M**  
EAE 2 Post Basefree Lift  
Vehicle Lift 4.2 Ton 220v  
**Symmetric - Blue**  
3 Stage Front Arms  
Overall Width - 3590mm  
Min Roof Clearance - 4000mm

## MOTORCYCLE LIFTS



**LDM03108A**  
450kg Motorcycle Lift  
Air Hydraulic  
750mm Rise 2200mm(L) x 680mm(W)



**ML450**  
450kg Motorcycle Lift  
Includes Wheel Vice  
& Centre Jack Air Operated



**ML800**  
800kg Motorcycle Lift  
Includes Wheel Vice  
& Centre Jack Air Operated



## COMPRESSORS (HEADS AVAILABLE SEPARATELY)



**COMK103**



**COMK113**



**COBK119**



**COBK120**



**COCUBE10**



**COKMAX15**

Code:	Voltage:	Tank size:	Product:	kW	HP	l/min.	m <sup>3</sup> /h	c.f.m.	bar	psi	L x D x H (cm)	kg
COMK103	220V	150L	MK103-150-3M	2.2	3	365	21.9	12.9	10	145	133 x 50 x 89	97.5
COMK113	380V	200L	MK113-200-5.5	4	5.5	556	33.3	19.6	10	145	146 x 55 x 98	106.5
COBK119	380V	270L	BK119-270F-7.5	5.5	7.5	840	50.4	29.7	10	145	150 x 50 x 111	146.5
COBK120	380V	270L	BK120-270F-10	7.5	10	1080	64.7	38.2	10	145	150 x 50 x 115	176
COCUBE10	380V	270L	CUBE SD 1010-270F	7.5	10	1050	63	37.1	10	145	120 x 60 x 150	197
COKMAX15	380V	500L	K-MAX 15-10-500	15	20	2100	126	74	10	145	200 x 73 x 170	442



## LUBRICATION EQUIPMENT



# REQUIREMENTS FOR OIL DISTRIBUTION SYSTEMS



To correctly design a distribution line or system, and for efficient operation, it is essential to know the following data:

- type of fluid to be delivered, its density and temperature
- distance between the pump and delivery point
- the number of delivery points and quantity/minute of fluid to be delivered for each pump
- horizontal distance between the pump and the delivery points connected to it
- vertical distance between the pump and the delivery points connected to it

## PUMP SUCTION CAPACITY

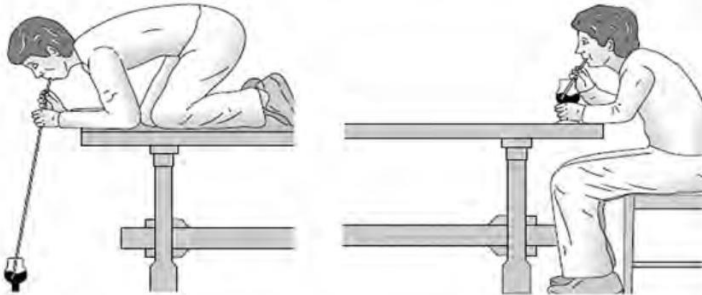
The **SUCTION CAPACITY** of a pump is a rather complex technical concept because it concerns various parameters, including:

- atmospheric pressure
- specific weight of the liquid
- viscosity of the liquid
- evaporation of the liquid
- size of suction tube, etc

These factors affect the suction possibility and capacity of a pump,

Therefore a pump must be installed as close as possible to the suction point;

Try to imagine how hard it would be to drink with the glass on the floor and you on the table.



## PUMP SUCTION DISTANCES

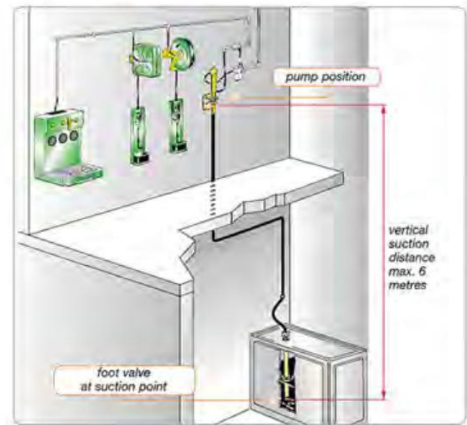
Indicative **SUCTION DISTANCES** when installing a pump

Firstly, when installing a pump, it is essential to apply a foot valve at the point of suction.

The vertical distance between the pump and the foot valve must not be more than 6 metres.

The horizontal distance between the pump and the foot valve must not be more than 20 metres.

The vertical and horizontal distances must be taken into consideration when installing a pump, these must also be proportionally reduced.

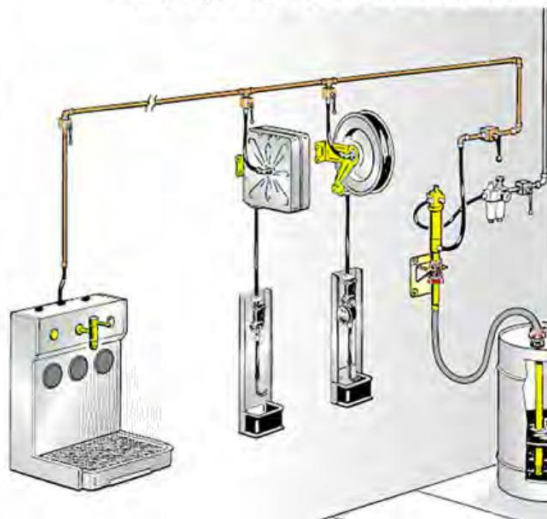


## VARIOUS OIL DISPENSING APPLICATIONS AVAILABLE

### 210L DRUM OIL DISPENSING



### WORKSHOP OIL DISPENSING



### MOBILE OIL DISPENSING



# OIL DRAINS



RM42072  
95L Oil Drain  
Truck Type



RM42060  
65L Oil Drain  
Pit Type



RM42062  
110L Oil Drain  
Pit Type



RM42000  
Drum Trolley  
with Drain



RM42065  
65L Waste Oil Drain  
Discharging Pressure - 50 kpa  
Tank - 65L  
Bowl - 15L



RM43084  
Air Operated  
Waste Oil Evacuator  
Tank - 80L  
Depressurising Pressure - 700kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Time - 2 l/m



RM44084  
Air Operated Waste Oil  
Evacuator / Drainer  
Tank - 80L Bowl - 16L  
Depressurising Pressure - 700 kpa  
Discharging Pressure - 50 kpa  
Drain Hose - 2m  
Suction Time - 2 l/m



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

## CANTILEVER OIL DRAIN

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



OIL

RM32024

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



OIL

RM33024

24ℓ Oil Dispenser  
Air Operated  
Wheel Mounted  
Delivery Hose - 2m  
Operating Pressure - 800 Kpa



OIL

RM43024

24ℓ Air Operated Waste Oil Evacuator  
Depressurising Pressure - 700 kpa  
Discharging Pressure - 50 kpa



OIL

RM32065

65ℓ Oil Dispenser  
Hand Operated  
Delivery Hose - 2m  
Delivery - 200 ml/stroke



RM80210

210ℓ (180Kg) Drum Trolley  
Includes Reel Mounting Facility



RM80200

210ℓ (180Kg)  
Drum Trolley



RM80050

50 Kg Trolley



RM80201

Trolley 4 Wheel  
210ℓ H/D



RM80035

15 Kg Trolley

## 1:1 RATIO DIE-CAST ALUMINIUM DIAPHRAGM PUMP

RM332011

Diaphragm Pump - 3/4"

Fluid Inlet - 3/4"

Fluid Outlet - 3/4"

Air Inlet - 3/8"

Air Consumption - 500 L/min

Delivery - 70 L/min

RM332611

Diaphragm Pump - 1"

Fluid Inlet - 1 1/4"

Fluid Outlet - 1"

Air Inlet - 3/8"

Air Consumption - 1200 L/min

Delivery - 170 L/min



RM13C15011

Diaphragm Pump - 2"

Fluid Inlet - 2 1/2"

Fluid Outlet - 2 1/2"

Air Inlet - 3/4"

Air Consumption - 4000 L/min

Delivery - 610 L/min



RM33591

Diaphragm Pump Bracket

For 3/4", 1"

# OIL & GREASE PUMPS



**RM35196 OIL**  
 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 OIL**  
 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 OIL ANTIFREEZE**  
 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  
 High Volume



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



**RM35160 OIL**  
 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 : 42mm



**RM36060 OIL**  
 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 : 42mm



**RM33160 OIL**  
 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 : 42mm  
 Suitable for Waste Oil  
 High Volume



**RM62048 GREASE**  
 50:1 Grease Pump  
 Suitable for 15 Kg Drums  
 Tube Length: 480mm  
 Tube Diameter: 30mm  
 Delivery: 1000g/m

**RM62074 GREASE**  
 50:1 Grease Pump  
 Suitable for 50 Kg Drums  
 Tube Length: 740mm  
 Tube Diameter: 30mm  
 Delivery: 1000g/m

**RM62095 GREASE**  
 50:1 Grease Pump  
 Suitable for 180 Kg Drums  
 Tube Length: 940mm  
 Tube Diameter: 30mm  
 Delivery: 1000g/m

**RM63095 GREASE**  
 65:1 Grease Pump  
 Suitable for 180 Kg Drums  
 Tube Length: 940mm  
 Tube Diameter: 30mm  
 Delivery: 1900g/m



**RM35094 OIL**  
 3:1 Oil Pump  
 Suitable for 210ℓ Drums  
 Single Acting Pump  
 Includes Bung Adaptor for Drum  
 Delivery : 20 ℓ/m  
 Air Inlet : ¼" Female  
 Fluid Outlet : ½" Female  
 Tube Length : 940mm  
 Tube Diameter : 32mm  
 Uses RM38046 Bung Adaptor



**RM38084-8**  
 Extention tube  
 for Stub pump  
 32mm Diameter



**RM38027**  
 Riser Tube  
 940mm  
 42mm Diameter  
 1¼" Hose Barb



**RM3804P**  
 Bung Adaptor  
 for 210ℓ Plastic Drum  
 Suitable for Pneumatic  
 Pumps



**RM38046**  
 Bung Adaptor  
 32 mm Diameter Pump



**RM38042**  
 Bung Adaptor  
 42 mm Diameter Pump



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

**\* All L/min are Free Flow.**



# OIL DRUM PUMP KITS

All Kits Include: Pump, Bung Adapter, Digital or Mechanical Meters, Hose, Connectors & Oil Control

PART NUMBER	DESCRIPTION
RM33300	Raasm 1:1 Wall Mounted Transfer Kit, 30 L/m - suitable for Anti Freeze
RM33196K	Raasm 1:1 Drum Pump Kit, PS484000 Digital Meter - without Trolley
RM33196KT	Raasm 1:1 Drum Pump Kit, PS484000 Digital Meter - with Trolley
PRO45340KT	Prolube 3:1 Drum Pump Kit, PS484000 Digital Meter - with Trolley
RM35094K	Raasm 3:1 Drum Pump Kit, PS484000 Digital Meter (Single Acting Pump) - without Trolley
RM35094KT	Raasm 3:1 Drum Pump Kit, PS484000 Digital Meter (Single Acting Pump) - with Trolley
RM35290K	Raasm 3:1 Drum Pump Kit, PS484000 Digital Meter (Double Acting Pump) - without Trolley
RM35290KT	Raasm 3:1 Drum Pump Kit, PS484000 Digital Meter (Double Acting Pump) - with Trolley
RM35290KM	Raasm 3:1 Drum Pump Kit, PS490020 Mechanical Meter - without Trolley
RM35290KMT	Raasm 3:1 Drum Pump Kit, PS490020 Mechanical Meter - with Trolley
RM36096K	Raasm 5:1 Drum Pump Kit, PS484000 Digital Meter - without Trolley
RM36096KT	Raasm 5:1 Drum Pump Kit, PS484000 Digital Meter - with Trolley
PS26301D	Electric Dispensing Viscomat Pump Kit, PS484000 Digital Meter, 4m Delivery Hose (9L/m) & Manual Nozzle
PS263110	Electric Dispensing Viscomat Pump Kit, K33 Meter, 4m Delivery Hose (9L/m) & Manual Nozzle



RM35094KT



PS26301D

## OIL & GREASE HOSES



RM33300

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
HOSER108	½" Oil Hose - 8 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
HOSER1A01	¾" Oil Hose - 1½ m
HOSER1A02	¾" Oil Hose - 2 m

PART NUMBER	DESCRIPTION
HOSER1A05	¾" Oil Hose - 5 m
HOSER1A15	¾" Oil Hose - 15 m
HOSER1B01	1" Oil Hose - 1m
HOSER1B02	1" Oil Hose - 2m
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



RM33300

## DRUM COVERS & FOLLOWER PLATES



Drum Cover

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

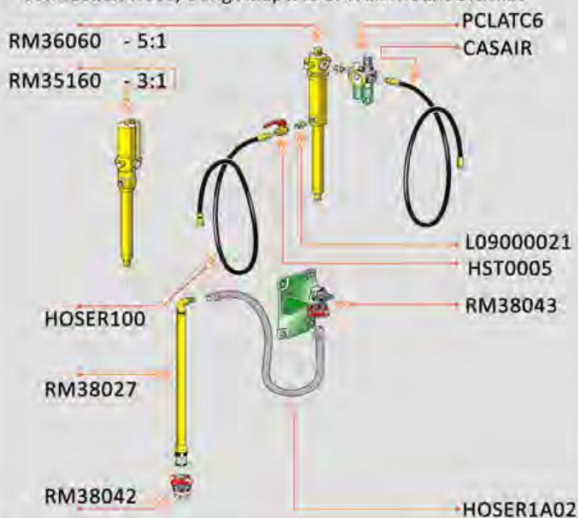
PART NUMBER	DESCRIPTION
RM66265	Follower Plate 265mm
RM66310	Follower Plate 310mm
RM66370	Follower Plate 370mm
RM66400	Follower Plate 400mm
RM66590	Follower Plate 585mm
RMI1060	Industrial Follower Plate



Follower Plate

### WALL MOUNTED OIL INSTALLATION

Showing RAASM Stub Pumps (3:1 or 5:1) With Riser Tube, Connection Hose, Bung Adaptors & Wall Mount Bracket



OIL TANKS

PART No	SIZE	MATERIAL	DIAMETER	HEIGHT
OW500L	500 L	Plastic	800 mm	1 000 mm
OW1000L	1 000 L	Plastic	1 100 mm	1 300 mm
OW1500L	1 500 L	Plastic	1 420 mm	1 300 mm
OW2500L	2 500 L	Plastic	1 420 mm	1 800 mm
OW5000L	5 000 L	Plastic	1 800 mm	2 040 mm
OW10000L	10 000 L	Plastic	2 200 mm	3 040 mm



# HOSE REELS



OIL

RM8330400  
8m ½" Retractable Hose Reel  
with **Fixed Mounting** Bracket  
& Hose Stop - **NO HOSE**  
Inlet : ½" Female  
Outlet : ½" Female  
Optional Hose - HOSER108



OIL

RM8430400  
12m ½" Retractable Hose Reel  
with **Fixed Mounting** Bracket  
& Hose Stop - **NO HOSE**  
Inlet : ½" Female  
Outlet : ½" Female  
Optional Hose - HOSER112



OIL

RM8530400  
20m ½" Retractable Hose Reel  
with **Fixed Mounting** Bracket  
& Hose Stop - **NO HOSE**  
Inlet : ½" Female  
Outlet : ½" Female  
Optional Hose - HOSER120



OIL

RM8440400 (12m x ½" Swivel)  
RM8450400 (15m x ½" Swivel)  
Retractable Enclosed Hose Reel  
with Bracket & Hose Stop - **NO HOSE**  
Inlet : ½" Female  
Outlet : ½" Female  
Optional Hose - HOSER112 (12m)  
HOSER115 (15m)



DIESEL  
OIL

RM8540400  
15m 1" Retractable Hose Reel  
with **Fixed Mounting** Bracket  
& Hose Stop - **NO HOSE**  
Inlet : 1" Female  
Outlet : 1" Female  
Optional Hose - HOSER1A15 (¾")  
Optional Hose - HOSER1B14 (1")



DIESEL  
OIL

RM8560400 (30m x 1")  
RM8560406 (50m x ¾")  
Retractable Hose Reel  
with **Fixed Mounting** Bracket  
& Hose Stop - **NO HOSE**  
Inlet : 1" Female  
Outlet : 1" Female

WATER  
AIR



GREASE

RM8530500 (20m x ¼")  
RM8430500 (12m x ¼")  
Retractable Hose Reel  
with **Fixed Mounting** Bracket  
& Hose Stop - **NO HOSE**  
Inlet : ¾" Female  
Outlet : ½" Female  
Optional Hose - HOSER212 (12m)  
HOSER220 (20m)



RM2315F  
Retractable Electric Cable Reel  
with 15m 230v Single Phase Cable  
3core 1.5mm<sup>2</sup>  
Integrated Rewind Brake  
IP44 Rated



GAS

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



WATER  
AIR

RM92848101  
10m x 8mm Retractable Enclosed  
Inlet : ¾" Female  
Outlet : ¼" Male  
Integrated Rewind Brake  
Supplied with Polyurethane hose



WATER  
AIR

RM8380100  
18m ¼" Retractable Hose Reel  
with **Swivel Mounting** Bracket  
& Hose Stop - **NO HOSE**  
Inlet : ¾" Female  
Outlet : ¾" Female  
Optional Hose - PCLHS22X01



WATER

RM8424300 (12m x ¾")  
RM8542100 (14m x 1")  
Retractable Stainless  
Steel Hose Reel with  
**Swivel Mounting** Bracket &  
Hose Stop - **NO HOSE**  
Inlet : ¾" Female  
Outlet : ½" Female



# GREASE CONTROLS & KITS



**GREASE**  
RM66880  
Rigid  
Grease Control  
1/4" NPT Female  
No Swivel



**GREASE**  
RM66860  
Flexible  
Grease Control  
1/4" NPT Female  
No Swivel



RM66661  
Grease Swivel  
Straight  
1/4" NPT Male x  
1/4" NPT Female



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



### SNAP ON GREASE COUPLERS

- PRES105 Light Duty (M10 X1)
- PRES107 Medium Duty (M10 X 1)
- ACT40703 Heavy Duty (M10 X 1)



PRES106  
Button Head  
16mm Slide on Coupler  
(M10 X 1)



**GREASE**  
PRO42501  
Lever Type Grease Gun  
Capacity 500 ml



PRES1081  
Oil Suction Gun  
Capacity 500 ml



Air Operated

- PRES123 Heavy Duty 300mm Whip Hose - No Coupler
- PRES183 Heavy Duty 450mm Whip Hose - No Coupler  
1/8" NPT Male



Manual Operated

- PRES12 Light Duty 300mm Whip Hose - No Coupler
- PRES18 Light Duty 450mm Whip Hose - No Coupler  
1/8" NPT Male



RM64038  
Air Grease Kit  
50 Kg - 380mm  
with Trolley



RM64031  
Air Grease Kit  
15 Kg - 310mm  
without Trolley



RM64070SC  
Air Grease Kit  
180 Kg  
without Trolley



RM68113  
13 Kg Foot Operated  
Greaser & Container



RM68012  
13 Kg Hand Operated  
Grease Pump



RM60310  
15 Kg Hand Operated  
Field Grease Pump  
Kit - 310mm

RM64041  
Air Grease Kit  
50 Kg - 420mm  
with Trolley



The atmospheric pressure at sea-level is 1 bar, equivalent to approx. 1 kg per cm<sup>2</sup>. When the pump sucks the grease from the container, a vacuum is created under the follower plate and, at the same time, depending on the width of its surface, a pressure from 370 kg to 2000 kg is created above it.



	RM64038	RM64031	RM64041	RM64070SC	RM68113	RM68012	RM60310
Ratio	50:1	50:1	50:1	50:1	-	-	-
Outlet	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
Hose	4 m	4 m	4 m	4 m	2.5 m x 1/4"	2.5 m x 1/4"	2.5 m x 1/4"
Outlet Pressure @ 5 Bar	250 Bar	250 Bar	250 Bar	250 Bar	200 Bar	350 Bar	150 Bar



# INDUSTRIAL PUMPS

# CAM LOCKS



**GREASE**  
**RM191F451**  
 45:1 Grease  
 Drum Pump  
 4400 g/m  
 Max Output  
 Pressure 360 Bar



**GREASE**  
**RM116F751**  
 75:1 Grease  
 Drum Pump  
 4400 g/m  
 Max Output  
 Pressure 600 Bar

**OIL**  
**RM190C51**  
 5:1 Mono  
 Oil Pump  
 S900  
 45 l/m  
 3/4" Outlet



**RM1011**  
 Wall Bracket  
 for Flanged  
 Pump



**CAMDC15**  
 Dust Cap - 1 1/2"



**CAMB1**  
 Coupler - 1" Male



**CAMD1**  
 Coupler - 1" Female



**CAMD15**  
 Coupler - 1 1/2" Female



**CAMDC1**  
 Dust Cap - 1"



**CAMDP1**  
 Dust Plug 1"



**CAMDP15**  
 Dust Plug 1 1/2"



**CAMF1**  
 1" Male  
 Adaptor



**CAMA15**  
 1 1/2" Female  
 Adaptor



**CAMA1**  
 1" Female  
 Adaptor



**OWCHECK**  
 1/2" Check Valve

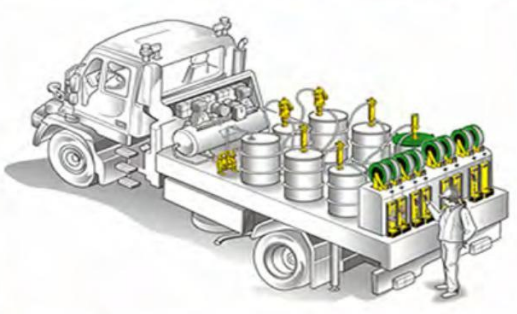


**OWPRESS**  
 1/2" Pressure  
 Relief Valve



**PS817300**  
 Liquid Teflon  
 Sealant

# CUSTOM LUBE TRUCK DESIGN & INSTALLATIONS





**PIUSI**<sup>®</sup>

*Fluid Handling Innovation*

**OIL & DIESEL EQUIPMENT**

 <p><b>OIL</b> <b>DIESEL</b> <b>PETROL</b> <b>PARAFFIN</b></p> <p><b>ACRP99ZOT</b> Rotary Drum Pump for Oil, Diesel &amp; Petrol Aluminium One Rotation = 1L 15m Vertical 50m Horizontal Telescopic riser tube</p>	 <p><b>OIL</b> <b>DIESEL</b></p> <p><b>ACA490</b> Lever Action Transfer Drum Pump 25 L/m</p>	 <p><b>OIL</b> <b>DIESEL</b> <b>PETROL</b> <b>PARAFFIN</b></p> <p><b>ACRP80RT</b> Rotary Drum Pump for Food, Oil &amp; Petrol Polypropylene ± 30 L/m @ 60 rpm</p>	 <p><b>ANTIFREEZE</b> <b>OIL</b></p> <p><b>ACLHP500</b> Lever Drum Pump Oil Measure Support Base ± 500ml/stroke</p>	 <p><b>DIESEL</b> <b>OIL</b> <b>PARAFFIN</b></p> <p><b>ACRP91</b> Rotary Transfer Drum Pump 45 L/m @ 60 rpm</p>
 <p><b>DIESEL</b> <b>OIL</b> <b>PARAFFIN</b></p> <p><b>ACRP88ZB</b> Rotary Hi-Flo Drum Pump With Hose &amp; Spout 1.15L/Rev</p>	 <p><b>OIL</b></p> <p><b>ACRP99-O</b> Rotary Drum Pump Meter, Control &amp; Hose - Oil</p>  <p><b>DIESEL</b></p> <p><b>ACRP99-D</b> Rotary Drum Pump Meter, Control &amp; Hose - Diesel</p>	 <p><b>OIL</b> <b>DIESEL</b> <b>PETROL</b></p> <p><b>PS316000</b> Piston Drum Pump - 65 L/m (Suitable for Avgas) Excluding Hose</p>	 <p><b>PS893400</b> Riser tube Extendable Plastic 560 - 1100mm</p>	 <p><b>DIESEL</b> <b>OIL</b> <b>PARAFFIN</b></p> <p><b>PS332000</b> Rotary Transfer Drum Pump 45 L/m @ 60 rpm</p>  <p><b>PS152360</b> Bung Adaptor for 210 L Plastic Drum Suitable for Manual Pumps</p>

## FILTERS

 <p><b>DIESEL</b> <b>PETROL</b></p> <p><b>PS611A10</b> Filter Head &amp; Cartridge H<sup>2</sup>O Absorbing 1" 150 L/m 30µm 3.5Bar</p>	 <p><b>DIESEL</b> <b>PETROL</b></p> <p><b>PS611A00</b> Filter Head &amp; Two Cartridges H<sup>2</sup>O Absorbing 1" 70 L/m 30µm 3.5Bar</p>	 <p><b>OIL</b> <b>DIESEL</b> <b>PETROL</b></p> <p><b>PS914900</b> Filter Head &amp; Cartridge 1" 100 L/m 10µm 12Bar</p>	 <p><b>OIL</b> <b>DIESEL</b> <b>PETROL</b></p> <p><b>PS77720A</b> Filter Head &amp; Cartridge 1" 60 L/m 10µm 12Bar</p>	 <p><b>DIESEL</b></p> <p><b>PS611B10</b> Filter Head, Plastic Bowl &amp; Two Cartridges H<sup>2</sup>O Absorbing 1" 70 L/m 30µm 5Bar</p>	 <p><b>DIESEL</b> <b>PETROL</b></p> <p><b>PS611B60</b> Filter Head, Plastic Bowl &amp; Metal Strainer 1" 100 L/m 125µm 5Bar</p>
 <p><b>DIESEL</b> <b>PETROL</b></p> <p><b>PS611020</b> Filter Cartridge H<sup>2</sup>O Absorbing 150 L/m 30µm 3.5Bar 1" - 12UNF Replacement Cartridge For PS611A10</p>	 <p><b>DIESEL</b> <b>PETROL</b></p> <p><b>PS611010</b> Filter Cartridge H<sup>2</sup>O Absorbing 70 L/m 30µm 3.5Bar 1" - 12UNF Replacement Cartridge For PS611A00</p>	 <p><b>OIL</b> <b>DIESEL</b> <b>PETROL</b></p> <p><b>PS935900</b> Filter Cartridge 100 L/m 10µm 12Bar ¾" BSP Replacement Cartridge For PS914900</p>	 <p><b>OIL</b> <b>DIESEL</b> <b>PETROL</b></p> <p><b>PS611000</b> Filter Cartridge 60 L/m 10µm 12Bar ¾" BSP Replacement Cartridge For PS77720A</p>	 <p><b>DIESEL</b></p> <p><b>PS611040</b> Filter Cartridge H<sup>2</sup>O Absorbing 70L/m 30µm 1" BSP Replacement Cartridge For PS611B10</p>	 <p><b>DIESEL</b> <b>PETROL</b></p> <p><b>PS611030</b> Clear Captor Cartridge 100L/m 5µm 1" BSP Replacement Cartridge For PS611B60</p>
 <p><b>DIESEL</b> <b>PARAFFIN</b></p> <p><b>ACFA2N</b> Fuel Filter with Glass Bowl 10µm 1" BSP 7Bar 100 L/m For Manual &amp; Electric Pumps</p>	 <p><b>PARAFFIN</b> <b>DIESEL</b></p> <p><b>ACPF10N</b> Filter Element 10µm For ACFA2N</p>	 <p><b>PS146400</b> Filter Head Only 1" 70 L/m 100mm Ø 1" - 12UNF to Suite PS611010 ONLY</p>	 <p><b>PS157430</b> Filter Head Only 1" 100 L/m 171mm Ø 1½" - 16UNF to Suite PS611020 &amp; PS935900</p>		

\* All L/min are Free Flow.



**PS976910**  
 ½" Metered Oil Control  
 Flexible Nozzle  
 K400 Digital Meter



**PS976900**  
 ½" Metered Oil Control  
 Rigid Nozzle  
 K400 Digital Meter



**PS973030**  
 ½" Metered Oil Control  
 Flexible Nozzle  
 K40 Mechanical Meter



**PS973020**  
 ½" Metered Oil Control  
 Rigid Nozzle  
 K40 Mechanical Meter



**PS966180**  
 ½" Oil Control  
 Flexible Nozzle  
 LP NON DRIP



**PS966160**  
 ½" Oil Control  
 Rigid Nozzle  
 LP NON DRIP



**PS97402A**  
 ¾" Metered Oil Control  
 Flexible Nozzle  
 Next/2 Digital Meter  
 70 Bar 60 l/m



**PS640020K**  
 ¾" Oil Control  
 Flexible Nozzle  
 80 l/m High Flow



**PS640010K**  
 ¾" Oil Control  
 Rigid Nozzle  
 80 l/m High Flow



**PS974010**  
 ¾" Metered Oil Control  
 Rigid Nozzle  
 Next/2 Digital Meter  
 70 Bar 60 l/m



**PS687000**  
 ½" Preset Oil Control  
 1 - 30 l/m 70 Bar



**PS976010**  
 ½" Control  
 ½" Inlet 25 Bar



**RM88630**  
 Drip Tray  
 Wall Mounted

# FUEL CONTROLS



**PS630000**  
 1" Diesel Control  
 Plastic (Mining Spec)  
 80 l/m  
 34mm Ø Spout



**PS602020**  
 1" Automatic  
 Fuel Control  
 60 l/m  
 Unleaded  
 20mm Ø Spout  
 Max 10 Bar Pressure



**PS650000**  
 1" Diesel Control  
 Self 3000  
 150 l/m  
 25mm Ø Spout



**PS641000**  
 1" Diesel Control  
 Self 2000  
 120 l/m  
 25mm Ø Spout



**PS610020**  
 1" Automatic  
 Fuel Control  
 120 l/m  
 29mm Ø Spout



**PS132490**  
 1½" Automatic  
 Fuel Control  
 280 l/m  
 39mm Ø Spout



**PS613020**  
 1" Automatic  
 Fuel Control  
 60 l/m  
 20mm Ø Spout

PS897700	1" Diesel Delivery Hose - 4 m
HOSER1B04	1" Diesel Delivery Hose - 4 m
HOSER1B14	1" Diesel Delivery Hose - 14 m



 <p>GREASE</p> <p>PS43011A K200 ½" Digital Meter 550 Bar 0.1 - 2.5 Kg/m</p>	 <p>ANTIFREEZE OIL DIESEL</p> <p>PS43012A K200 ⅝" Digital Meter 550 Bar 0.1 - 2.8 l/m</p>	 <p>ANTIFREEZE OIL DIESEL</p> <p>PS484000 K400 ½" Digital Meter 70 Bar 30 l/m</p>	 <p>OIL</p> <p>PS486150 NEXT/2 ¾" Digital Meter 70 Bar 60 l/m</p>	 <p>DIESEL</p> <p>PS491000 K600B/3 1" Digital Meter 30 Bar 100 l/m Large Display</p>	 <p>OIL</p> <p>PS491010 K600B/3 ¾" Digital Meter 70 Bar 60 l/m Large Display</p>
 <p>DIESEL PARAFFIN</p> <p>PS408100 K24 1" Digital Meter 20 Bar 120 l/m Aluminium</p>	 <p>DIESEL PARAFFIN PETROL</p> <p>PS408X00 K24 1" Digital Meter 20 Bar 120 l/m Aluminium (Sealed Battery)</p>	 <p>OIL ANTIFREEZE DIESEL</p> <p>PS496000 K600/3 1" Digital Meter 30 Bar 100 l/m</p>	 <p>OIL ANTIFREEZE DIESEL</p> <p>PS497000 K600/4 1½" Digital Meter 20 Bar 150 l/m</p>	 <p>OIL</p> <p>PS490020 K40 ½" Mechanical Meter 70 Bar 30 l/m</p>	
 <p>OIL</p> <p>PS550160 K33 1" Mechanical Meter 10 Bar 120 l/m 3 Digit</p>	 <p>DIESEL PARAFFIN PETROL</p> <p>PS570030 K33 "ATEX" 1" Mechanical Meter 3.5 Bar 120 l/m 3 Digit</p>	 <p>DIESEL</p> <p>PS550000 K33 1" Mechanical Meter 10 Bar 120 l/m 3 Digit</p>	 <p>DIESEL</p> <p>PS560000 K44 1" Mechanical Meter 10 Bar 120 l/m 4 Digit</p>	 <p>DIESEL PARAFFIN PETROL</p> <p>PS408Y00 K24 1" Pulse Meter 20 Bar 120 l/m 100 ppl</p>	
 <p>OIL DIESEL ANTIFREEZE</p> <p>PS472000 K600/3 1" Pulse Meter 30 Bar 100 l/m 33.5ppl</p>	 <p>OIL ANTIFREEZE</p> <p>PS472A20 K600/2 ¾" Pulse Meter 70 Bar 60 l/m 35ppl</p>	 <p>OIL DIESEL ANTIFREEZE</p> <p>PS473000 K600/4 1½" Pulse Meter 20 Bar 150 l/m 26ppl</p>	 <p>OIL</p> <p>PS445290 ½" Pulse Meter / Solenoid Valve Combo GPV 70Bar 30 l/m 100ppl 24v DC</p>	 <p>OIL DIESEL ANTIFREEZE</p> <p>PS44008A K400 ½" NPT Pulse Meter 70 Bar 30 l/m 100 ppl</p>	 <p>OIL</p> <p>BG103042 ½" Mechanical Oil Meter 70 Bar 15 l/m</p>
					 <p>OIL</p> <p>BG102101 ½" Pulse Meter 70 Bar 35 l/m 100 ppl</p>



**PS303M00**  
Viscomat 90M

1" 220v Oil & Diesel Vane Pump  
50 l/m 5 Bar



**PS334900**  
Viscomat 70M

1" 220v Oil & Diesel Vane Pump  
25 l/m 6 Bar  
Adjustable By-Pass Valve



**PS303000**  
Viscomat 90T

1" 380v Oil & Diesel Vane Pump  
50 l/m 5 Bar  
Adjustable By-Pass Valve



**PS302040**

Visco Flowmat 230  
1" 220v Oil Gear Pump  
14 l/m 16 Bar  
Auto Shutoff  
Adjustable By-Pass Valve



**PS302060**

Visco Flowmat 350  
1" 220v Oil Gear Pump  
9 l/m 25 Bar  
Auto Shutoff  
Adjustable By-Pass Valve



**PS304030**

Viscomat 200  
1" 220v Oil Gear Pump  
9 l/m 12 Bar  
Adjustable By-Pass Valve



**PS270010**

Viscomat 70M  
1" 220v Oil Vane Pump Kit  
28 l/m  
Kit Includes: K33 Meter,  
Control, 4m Hose, Bung Adaptor  
Riser Tube



**PS309010**

Viscomat DC  
3/4" 12v Oil Gear Pump  
10 l/m 4 Bar  
30 min Duty Cycle



**PS31001A**

Viscomat DC  
3/4" 24v Oil Gear Pump  
10 l/m 4 Bar  
30 min Duty Cycle



**PS309060**

Viscomat DC  
3/4" 12v Oil Gear Pump Kit  
10 l/m 4 Bar  
30 min Duty Cycle  
Kit Includes: Control,  
4m Hose, Suction Filter





**PS37401A**  
EX50

1" 220v Petrol Pump Kit  
50 l/m  
30 min On Duty Cycle  
60 min Off Duty Cycle

Kit Includes: Control, 4m Hose,  
Cartridge Filter  
Bung Adaptor, Riser Tube



**PS371000**  
EX50

1" 12v Petrol Pump Only  
50 l/m 21amp  
30 min On Duty Cycle  
60 min Off Duty Cycle  
Integrated By-Pass Valve



**PS37300A**  
EX50

1" 230v Petrol Pump Only  
50 l/m 21amp  
30 min On Duty Cycle  
60 min Off Duty Cycle  
Integrated By-Pass Valve



**PS372010**  
EX50

1" 12v Petrol Pump Kit  
50 l/m 21amp  
30 min On Duty Cycle  
60 min Off Duty Cycle

Kit Includes: Control, 4m Hose,  
Cartridge Filter  
Bung Adaptor, Riser Tube



**PS225410**  
Carry 3000

3/4" 12v Diesel Pump Kit  
50 l/m 22amp  
30 min Duty Cycle

Kit Includes: Control,  
4m Hose, Suction Filter



**PS226380**  
Carry 3000

3/4" 24v Diesel Pump Kit  
50 l/m 13amp  
30 min Duty Cycle

Kit Includes: Control,  
4m Hose, Suction Filter



**PS223260**  
Carry 3000

3/4" 12v Diesel Pump  
50 l/m 22amp  
30 min Duty Cycle

**PS224240**  
3/4" 24v Diesel Pump  
50 l/m 13amp



**PS340030**  
Panther DC

3/4" 12v Diesel Pump Kit  
56 l/m 35amp  
30 min Duty Cycle

Kit Includes: Control,  
4m Hose, Suction Filter



**PS363020**  
BI Pump

1" 12v Diesel Bi Pump  
85 l/m 42amp  
4m Power Cable  
30 min Duty Cycle



**PS363040**  
BI Pump

1" 24v Diesel Bi Pump  
85 l/m 21amp  
4m Power Cable  
30 min Duty Cycle



**PS732000**  
Panther72

1" 220v Diesel Vane Pump  
72 l/m.  
Integrated By-Pass Valve and  
Filter



**PS274P0A**  
Panther 56

1" 220v Diesel Vane Pump Kit  
56 l/m  
Kit Includes: K33 Meter,  
Control, 4m Hose, Bung Adaptor  
Riser Tube



**PS305000**  
E80M

1" 220v Diesel Vane Pump  
70l/m  
Integrated By-Pass Valve



**PS326000**  
E120M

1" 220v Diesel Vane Pump  
100l/m  
Integrated By-Pass Valve



**PS307000**  
E80T

1" 380v Diesel Vane Pump  
70l/m  
Integrated By-Pass Valve



**PS730000**  
Panther56

1" 220v Diesel Vane Pump  
56 l/m  
Integrated By-Pass Valve  
and Filter

\* All L/min are Free Flow.

\* All 12v and 24v pumps have a 30 min Duty Cycle.



**DIESEL**

**PS318000  
BP3000**

24v Diesel Pump ST200DC  
155 - 185 l/min 2 Bar  
30 min Duty Cycle



**DIESEL**

**PS315000  
E120**

220v Diesel Pump ST200  
200 l/min 2.5 Bar  
without Wheels



**DIESEL**

**PS212000  
Pitstop**

3/4" 12v Hose Reel With Two  
Integrated Pumps 45 l/min  
30 min Duty Cycle

*Includes: Control, 14m Hose,  
Cartridge Filter  
Lockable Saddle for Control*



**OIL**

**PS26301D**

Viscotroll 200/2 AC  
220v Pump Kit  
9 l/min

*Kit Includes: Control,  
4m Hose, K400 Meter & Trolley*

## RECYCLING PUMP



**OIL  
DIESEL**

**PS506010  
Viscomat 70  
Recycling Pump**  
30 Micron + 5 Micron  
Filters  
220v - 25 l/min  
Delivery Hose - 3m  
Suction Hose - 3m



## MARINE PUMPS



**OIL  
DIESEL  
WATER**

**PSG450002**  
12v GARDA MARINE PUMP  
10 l/min 3.5 Bar  
3/8" In/Outlet  
30 min Duty Cycle



**OIL  
DIESEL  
WATER**

**PSG450003**  
24v GARDA MARINE PUMP  
10 l/min 3.5 Bar  
3/8" In/Outlet  
30 min Duty Cycle

## ADAPTORS, FILTERS AND STRAINERS



**PS091600**  
Steel Bung Adaptor  
3/4" BSP X 2"



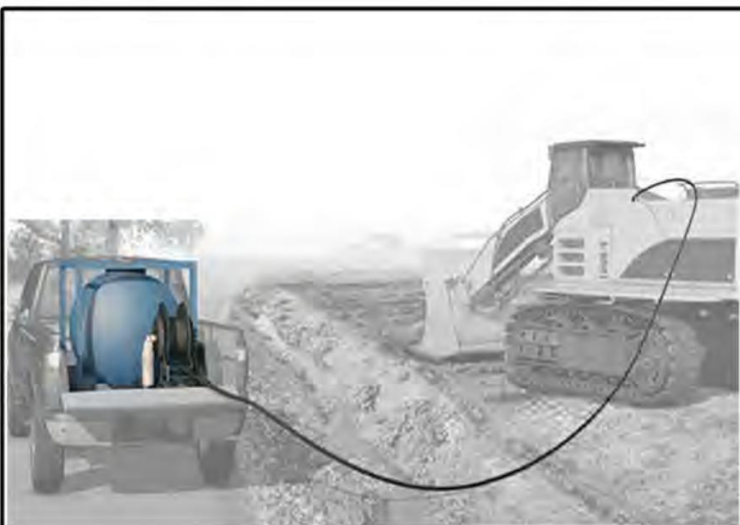
**PS893000**  
Steel Bung Adaptor  
1" BSP x 2"



**PS912000**  
Filter/Strainer Inline  
K33/K44 [F08950000]



**PS171630**  
Drum Bung  
Connector with  
Valve & Strainer





**PS591000**

1" 220v Wall Mount  
Diesel Dispensing Kit  
70 l/m Panther 72 Pump  
3 Digit Mechanical Meter  
Self Priming Vane Pump  
with Bypass and Automatic  
Nozzle on a Swivel Connection  
and 4m Hose. Intergrated Nozzel  
Holder with Stop/Start Pump lever.



**PS386R70**

1" 220v Diesel Dispensing  
Wall Kit 52 l/m  
Panther 56 Pump  
3 Digit Mechanical Meter  
Bypass Valve, Automatic Nozzle  
6m Hose and Filter



**PS73701B**

1½" 220v Diesel Dispensing  
Cabinet 70 l/m  
Panther 72 Pump  
4 Digit Mechanical Meter  
Bypass Valve, Automatic Nozzle  
on a Swivel Connection, 4m Hose  
and Intergrated Water  
Absorption Filter.  
IP55 Weather Rated

## DIGITAL DIESEL DISPENSERS



**PS73801C**

1½" 220v Preset  
Diesel Dispensing Cabinet  
70 l/m Panther 72 Pump  
Up to 80 Users

Self Priming Vane Pump with Bypass and Automatic Nozzel on a Swivel Connection and 4m Hose.  
Intergrated Nozzle Holder with Stop/Start Pump lever. Has Pre-selected Dispensing and Can Be Used By Multiple Users.  
Stores Last 255 Operations, Can Interact with PC, Can Capture Vehicle Data. Includes Software and Can Print Individual Vehicle Summaries.  
10 User Keys, 1 Manager Key, 1 Key Reader and Software CD.



**PS59415B**

1" 220v Wall Mount  
Diesel Dispensing Kit 70 l/m  
Panther 72 Pump  
Up to 120 Users

## DIESEL MANAGEMENT 2.0

A Unique solution that monitors the tank levels drivers and vehicle consumptions and is able to give detailed reports.

- Consumption
  - Monitors and compares all vehicles consumptions giving immediate feedback
- Refuelings
  - Check the complete list of refueling at a glance
- Tank Levels
  - The levels of Diesel is always under control thanks to real timewatchdog.



**B.SMART  
DIESEL MANAGEMENT SYSTEM  
BLUETOOTH WITH CLOUD-BASED SOFTWARE**

*4m Hose, Automatic Nozzle  
on a Swivel Connection, 4m Hose  
and Intergrated Water Absorption  
Filter. IP55 Weather Rated*

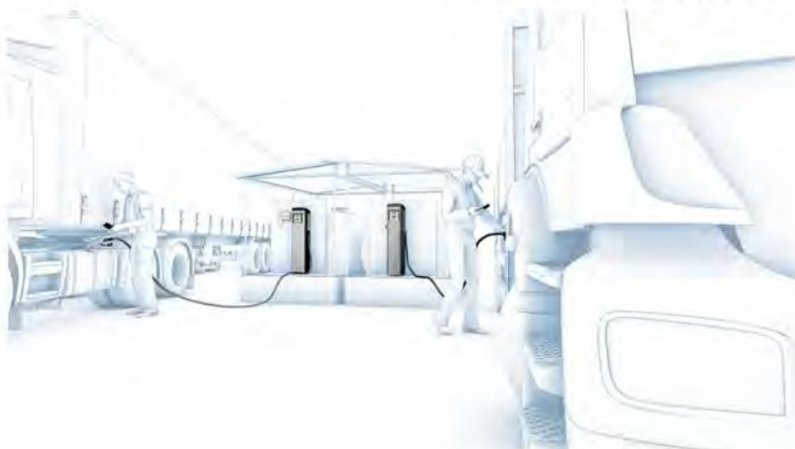
1. Manage your site - Set, Activate & Monitor site
2. Check Refueling - Check all transactions at a glance
3. Real Time - Receive all information from site immediately
4. Cloud Based Software - No licence fees, No lost data

**Example A - Single site installation with one dispenser**

Piusi B.Smart is a unique expandable system for fleet managers. Where software is cloud based and can be checked from anywhere to monitor diesel transactions.



**Example B - Multi-Site installation with several dispensers**



- Cube or self service dispensers
- No Software installation
- Fits any size fleet, expandable
- Quick & easy to use saving time & money

- Can be used with Tag system or smart phone with bluetooth
- Choose vehicle or insert registration number & Mileage
- Fill the Tank
- Once completed, a receipt is displayed on the smart device & on the managersweb app (in areas where wifi or mobile network is available otherwise will be synchronized once network is accessible)
- Allows manager to check & control transactions & export data to \*.pdf or \*.xlsx
- Hardware & Software included in dispenser chosen



## AdBlue®/UREA

*AdBlue is essential for the cleansing and reduction of harmful emissions mainly for diesel engines, and is injected into the exhaust gasses before they enter the atmosphere. It is stored safely within a separate tank on the vehicle, and is specifically measured and applied by spraying into the exhaust manifold, reacting with the gasses within it. Adblue is extremely corrosive and thus requires specialized equipment to transfer the liquid into the dedicated vehicle storage tank*



UREA  
WATER  
MILK

**PS40710A**  
K24 Turbine  
Urea Meter  
100ℓ/m



UREA  
WATER  
MILK

**PS203010**  
220V Urea Pump  
34 ℓ/m ¾" In/Out



UREA  
WATER  
MILK

**PS204000**  
12v Urea Pump  
36 ℓ/m ¾" In/Out  
30 min Duty Cycle



UREA  
WATER  
MILK

**PS147610**  
AdBlue®  
Urea Hand Control  
19mm Ø Spout  
¾" Barb Inlet



UREA  
WATER  
MILK

**PS101000**  
220v Dispensing Kit For IBC Tank c/w  
Pump, Nozzle, Suction Tube,  
6m Hose, Filter & Meter  
32ℓ/min



UREA  
WATER  
MILK

**PS33208A**  
Rotary Hand Pump  
Kit with Riser and  
Delivery Tube

**PS611D10**  
AdBlue®  
Filter Cartridge



UREA  
WATER  
MILK



**PS20135D**  
Dispensing Kit For 210Lt Drum c/w  
Nozzle, Suction Tube,  
6m Hose



**GREASE**  
ACTS33MK  
Air Greaser  
to fit  
18 Kg Plastic Pail



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

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



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



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



**OIL**  
ACTHO32  
Hand Operated  
Gear Oil Pump  
with Wheels &  
20L Container



**GREASE**  
GGUN  
8 Kg Foot Operated  
Greaser  
with 2 m Hose

	ACTS43	ACTS33MK	ACTHG30	ACTHG31 / 31M
Ratio	45:1	45:1	-	-
Outlet	¼" NPT	¼" NPT	¼" NPT	¼" NPT
Hose	3m x ¼"	3m x ¼"	2m x ¼"	2m x ¼"
Outlet Pressure	395 Bar	395 Bar	195 Bar	195 Bar

GC81003 GGUN Pump  
GC81001 Hold on Connector  
GC81007 Hose Assembly 2m

## WASTE OIL



**OIL**  
PRO44601  
68L Waste Oil Drain  
Gravity Draining  
Empty by Compressed Air  
Includes a Preset Air  
Regulator & Centrally  
Mounted 10L  
Capacity Bowl  
2m Draining Hose



**OIL**  
TRG2018  
Air Operated  
Oil Drain  
58 L



OMCN389A  
Oil Filter Crusher  
40 Ton Pressure  
Max Filter Size 260mm x 320mm



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



Wheelie Bins  
Various Colours  
Available



Cones  
Various Sizes  
Available



PRO41960  
Oil Drain Pan  
16L Capacity  
HDPE Construction  
with Handle and Pouring Funnel



RHINOX709 Round Black Plastic Tray - 7L  
RHINODTP Black Plastic Tray - 540 x 430 x 90mm  
RHINODT55 Metal Drip tray - 500 x 500 x 50mm  
RHINODT58 Metal Drip tray - 500 x 800 x 50mm  
RHINODT88 Metal Drip tray - 800 x 800 x 50mm  
RHINO007 Grinding Stand



**PRO45410**

Air Grease Kit to Fit  
20 - 30Kg Grease Drums  
50:1 Pump Ratio, Includes  
Drum Cover, Follower Plate  
2m Hose and Control Valve



**PRO45411**

Air Grease Kit to Fit  
50 - 60Kg Grease Drums  
50:1 Pump Ratio, Includes  
Drum Cover, Follower Plate  
2m Hose and Control Valve



**PRO45412**

Air Grease Kit to Fit  
180Kg Grease Drums  
50:1 Pump Ratio, Includes  
Drum Cover, Follower Plate  
2m Hose and Control Valve



**PRO44230**

Hand Operated  
Grease Pump  
15 - 20Kg  
1.2m Hose



**PRO42501**

Lever Grease Gun  
Develops 6000 PSI  
Includes 150mm Bent Steel  
Extension & Coupler  
(M10 X 1)



**PRO43420**

Grease Control Valve fitted  
with Z Swivel Threaded 1/4" Female  
BSPT at inlet Complete with 150mm  
Steel Extension & Heavy Duty  
Coupler Threaded 1/2" BSPT



**PRO44256**

Foot Operated  
Grease Pump  
10 Kg, 2m Hose



**PRO47701**

Grease Feeder  
Polycarbonate Bowl  
Polycarbonate Base  
Capacity 56gms



**PRO47702**

Grease Feeder  
Polycarbonate Bowl  
Polycarbonate Base  
Capacity 168gms



**PRO44894**

Grease Fitting Unblocker  
with Guard  
Complete with High Pressure  
Hose & Coupler



**PRO43555**

Grease Gun Coupler  
Quick Disconnect  
3 Jaw  
(M10 X1)  
For PRO44256



**PRO43591**

Grease Coupler  
Professional  
6000 PSI 3 Jaw  
Slimline



**PRO43501**

Grease Gun Coupler  
Professional  
6000 PSI 4 Jaw  
(M10 X 1)



**PRO43521**

Grease Gun Coupler  
Heavy Duty  
10000 PSI 4 Jaw  
(M10 X 1)



**PRO43575**

Button Head Coupler  
16mm Slideon  
(M10 X 1)



**PRO45324**

1/2" Air Operated  
5:1 Oil Stub Pump  
Complete with  
Die Cast Bung Nut  
18 l/min



**PRO45395**

Wall Mounting  
Bracket  
For PRO45324



**PRO48001**

210l Drum Level  
Indicator



**PRO60101**

Air Filter  
1/4" BSP  
Semi Auto  
Drain



**PRO60308**

1/4" Filter-Regulator  
Combination  
with Polycarbonate  
Bowl & Gaurd  
0 - 14BAR Pressure Gauge  
Semi Auto Drain



**PRO43973**

80 Pc METRIC Grease Nipples  
Assortment Comprising:  
20 pcs of M6 X 1 Str,  
10 of M6 X 1 90°  
15 pcs of M8 X 1 Str,  
10 of M8 X 1 90°  
15 pcs of M10 X 1 Str,  
10 of M10 X 1 90°  
Packed in a Plastic Box



**PRO45340**

1/2" Air Operated  
3:1 Oil Drum Pump  
Complete with Die  
Cast Bung Nut  
(Overall Length 940mm)  
14 l/min



**PRO44183**

Eazy Flow Pump  
20l Drum



**PRO45804**

Heavy Duty Truck Drain  
All Steel Construction  
68l Capacity  
Includes Wire Mesh Screen  
& 1/2" Drain Outlet



**PRO44847**

Rapid Action Bearing  
Packer for Bearings up to  
6" (150mm) diameter



INFLATORS & AIR EQUIPMENT



# TYRE INFLATORS



**PCLAFG4D03**

Tyre Inflator  
Twin Hold-on  
Open end Connector  
0 - 960kpa  
¼" BSP Inlet



**PCLAFG4D04**

Tyre Inflator  
Clip-on  
Open end Connector  
0 - 960kpa  
¼" BSP Inlet



**PCLDAC403**

Tyre Inflator - MK4 Digital  
Twin Hold-on  
Open end Connector  
0 - 960kpa ¼" BSP Inlet  
320mm Hose



**PCLAFG6A01**

Tyre Inflator - Hi Pressure  
Dual Hose Screw-on  
Open end Connector  
3 - 21bar ¼" BSP Inlet  
Aircraft

**PCLAFG6H04**

Tyre Inflator - Hi Pressure  
Twin Hold-on/Clip-on  
Open end Connector  
3 - 21bar ¼" BSP Inlet  
Dual Range Flow 500 L/m



**PCLWM2D01**

Tyre Inflator Analogue  
Wall Mount  
0 - 1000kpa ¼" BSP Inlet  
7.6m hose with Twin Hold-on  
Open end Connector



**PCLD60**

Tyre Inflator Digital Preset  
220V Wall Mount  
0 - 1000kpa ¼" BSP Inlet  
7.6m hose with Twin Hold-on  
Open End Connector



**PCLD10**

Tyre Inflator Digital Preset  
220V Wall Mount  
0 - 1000kpa ¼" BSP Inlet  
7.6m hose with Clip-on  
Open end Connector



**PCLD12**

Tyre Inflator Digital Preset - High Flow  
220V Wall Mount  
Nitrogen Purge  
0 - 1000kpa ¼" BSP Inlet  
7.6m hose with Clip-on  
Open end Connector

**PCLQUBE0**

Tyre Inflator Digital Preset  
220V Wall Mount  
0 - 1000kpa ¼" BSP Inlet  
5m hose with Clip-on  
Open end Connector



**PCLQUBE6**

Tyre Inflator Digital Preset  
12V Wall Mount  
0 - 1000kpa ¼" BSP Inlet  
No Hose



**S3946FG**

Tyre Inflator - Large Bore  
Clip-on 1.5m Hose  
0 - 1200kpa ¾" BSP Inlet  
Earthmover  
Also available with 5m or  
15m Hose



FCAIRKIT - 15m Piusi Steel Retractable Hose Reel

FCAIRKITA - 18m Raasm Steel Retractable Hose Reel

FCAIRKITB - 20m Jamec Plastic Retractable Hose Reel

FCAIRKITC - 11m Raasm Plastic Retractable Hose Reel

FCAIRKITD - PCL Analogue Inflator WM2D01 with 7m Hose 1.8m Stand

FCAIRKITE - Forecourt Air Stand c/w 11m RAASM, Plastic Retractable Hose Reel and PCLD60

Pre-set Tyre Inflator, 1.2m Stand



**FCAIRKIT**



**FCAIRKITB**



**FCAIRKITC**



**FCAIRKITA**



**FCAIRKITD**



**FCAIRKITE**

Forecourt Air Stand Kits Complete With Hose Reel, PCL Hand Held Tyre Inflator and Inline Filter 1.2m High

# AIR PRODUCTS



**PCLHRA3L02**  
Retractable  
15m x 10mm Air Hose Reel  
PVC Hose  
¼" BSP Inlet  
**SLOW RETRACTION**



**JM581034BL**  
Retractable Blue  
20m x 10mm Air Hose Reel  
Reinforced PVC Braided Hose  
¼" BSP Inlet



**JM581034RD**  
Retractable Red  
20m x 10mm Air Hose Reel  
Reinforced PVC Braided Hose  
¼" BSP Inlet



**PS201512**  
Retractable Enclosed Steel  
15m x 8mm Hose Reel  
Polyurethane Hose  
¼" BSP Inlet  
PSR211340 Internal Hose  
Connection & Elbow 8mm



**RM92848101**  
Retractable  
11m x 8mm Hose Reel  
Swivel Bracket  
Air or Water  
Inlet : ¾" Female  
Outlet : ¼" Female



**RM8380100**  
18m ¼" Retractable Steel Hose Reel  
Swivel Mounting Bracket  
& Hose Stop - **NO HOSE**  
Inlet : ¾" Female  
Outlet : ¾" Female  
Optional Hose - PCLHS22C01

## RUBBER AIR LINE HOSE

PART No.	DESCRIPTION	OUTSIDE DIA.	INSIDE DIA.
PCLHS22C01	¼" AIRHOSE	14mm	6mm
PCLHS24C01	5/16" AIRHOSE	15mm	8mm
PCLHS25C01	¾" AIRHOSE	17mm	10mm
PCLHS27C01	½" AIRHOSE	21mm	13mm



**PCLCO3A03**  
Twin Hold on / Clip on  
Open End Connector  
8V1 ¼" Female



**PCLCO3B03**  
Twin Hold on / Clip on  
Closed End Connector  
8V1 ¼" Female



**PCLCO12A03**  
Single Hold on  
Open End Connector  
8V1 ¼" Female



**PCLCO1A03**  
Twin Hold on  
Open End Connector  
8V1 ¼" Female



**PCLCO1B03**  
Twin Hold on  
Closed End Connector  
8V1 ¼" Female



**PCLTPG57H03**  
Truck Pressure Gauge  
0.8 - 11 Bar



**PCLTPG54H03**  
Truck Pressure Gauge  
4 - 20 Bar



**PCLTPG4H07**  
Pocket Type Pressure Gauge  
0.8 - 8.2 Bar



**PCLTPG20H07**  
Pocket Type Pressure Gauge  
0.5 - 4 Bar  
8V1



**PCLDPG1D03**  
Dial Tyre Pressure  
Twin Hold on Connector  
Gauge 0 - 1200 kpa



**PCLDTPG8**  
Digital Tyre Pressure Gauge  
Twin Hold on Connector  
Gauge 0 - 1200 kPa  
8V1



**PCLCO8T73**  
Tyre Valve Connector  
Euro Style  
Open End Connector  
8V1 ¼" Female



**PCLFPA02**  
Tyre Valve Connector  
Thumblock  
Open End Connector  
8V1 ¾" BARB



**PCLBG605**  
Blow Gun Die Cast  
Palm Grip ¼" Air Inlet  
Max - 10bar  
Flow - 247l/m



**PCLBG5002**  
Air Blow Gun - Plastic  
¼" Air Inlet



**PCLAWG03**  
Air / Water Gun  
for Pressurising Water



**PCLTE60D01**  
Master Test Gauge



**PCLBG105**  
Metal Blow Gun  
¼" Air Inlet



**PCLRF104**  
Radiator Filler  
¾" Inlet



**PCLDTDG1D04**  
Digital Tread Depth Gauge  
0 - 25mm



**PCLTDG16C01**  
Tyre Tread  
Depth Gauge  
0 - 26mm



**PCLDTPG7**  
Digital Tyre Pressure  
& Tread Depth Gauge  
15 - 700 kPa  
0 - 22mm



# QUICK COUPLERS - STANDARD FLOW

PCLAC61CF	¼" Female BSP	Quick Coupler 14 Bar 650l/min
PCLAC61CM	¼" Male BSP	Quick Coupler 14 Bar 650l/min
PCLAC61JF	½" Female BSP	Quick Coupler 14 Bar 650l/min
PCLAC61JM	½" Male BSP	Quick Coupler 14 Bar 650l/min
PCLAC61R	6mm Hose Barb	Quick Coupler 14 Bar 650l/min
PCLAC61S	8mm Hose Barb	Quick Coupler 14 Bar 650l/min
PCLAC61T	10mm Hose Barb	Quick Coupler 14 Bar 650l/min



PCLAC61CF

Interchangeable with  
ARO210, Rectus14/22



PCLAC71EF/71JF

Interchangeable with  
Rectus 25/26 and Cejn320

# QUICK COUPLERS - HIGH FLOW

PCLAC71CF	¼" Female BSP	Quick Coupler Hi Flow 35 BAR 2200l/min
PCLAC71CM	¼" Male BSP	Quick Coupler Hi Flow 35 BAR 2200l/min
PCLAC71EF	¾" Female BSP	Quick Coupler Hi Flow 35 BAR 2200l/min
PCLAC71JF	½" Female BSP	Quick Coupler Hi Flow 35 BAR 2200l/min
PCLAC71JM	½" Male BSP	Quick Coupler Hi Flow 35 BAR 2200l/min
PCLAC7110	10mm Hose Barb	Quick Coupler Hi Flow 35 BAR 2200l/min
PCLAC7113	13mm Hose Barb	Quick Coupler Hi Flow 35 BAR 2200l/min

# CONNECTORS FOR AC61 SERIES

## STANDARD FLOW QUICK COUPLERS

PCLACA6923	Snap-In x Male ¼" BSP
PCLACA6924	Snap-In x Female ¼" BSP
PCLACA6912	Snap-In x 6mm Hose Barb
PCLACA6922	Snap-In x 8mm Hose Barb
PCLACA6930	Snap-In x 10mm Hose Barb
PCLHC5656	Male ¼" BSP x 6mm Hose Barb
PCLHC1206	Male ¼" BSP x 8mm Hose Barb
PCLHC1217	Male ¼" BSP x 10mm Hose Barb
PCLHC2479	Male ¼" BSP x 12mm Hose Barb
PCLHC2983	Hose Extension 6mm
PCLHC2984	Hose Extension 8mm
PCLHC2985	Hose Extension 10mm
PCLHC2986	Hose Extension 13mm



HOSE CRIMPING SLEEVE

PCLOC1315 for Hose 13 - 15mm outside Ø

PCLOC1417 for Hose 14 - 17mm outside Ø

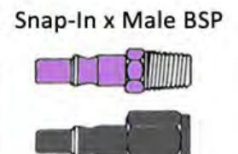
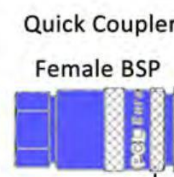
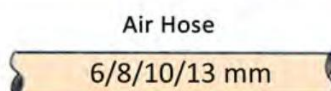
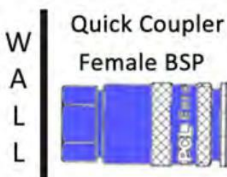
PCLOC1619 for Hose 16 - 19mm outside Ø

PCLOC1922 for Hose 19 - 22mm outside Ø

# CONNECTORS FOR AC71 SERIES

## HIGH FLOW QUICK COUPLERS

PCLAA7102	Snap-In x ¼" Male BSP
PCLAA7103	Snap-In x ¾" Male BSP
PCLAA7104	Snap-In x ½" Male BSP
PCLAA7106	Snap-In x ¼" Female BSP
PCLAA7107	Snap-In x ¾" Female BSP
PCLAA7108	Snap-In x ½" 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 ½" BSP x 10mm Hose Barb
PCLHC2954	Male ½" BSP x 13mm Hose Barb
PCLHC2951	Male ¾" BSP x 10mm Hose Barb
PCLHC2808	Male ¾" BSP x 13mm Hose Barb



W  
A  
L  
L

Or Complete Coupler

Snap-In x Female BSP



**PCLAPT208**  
 ½" Impact Wrench  
 594 Nm 8000 RPM  
 ¼" Air Inlet



**PCLAPT208K**  
 ½" Impact Wrench Kit  
 594 Nm 8000 RPM  
 ¼" Air Inlet Socket Sizes:  
 9, 10, 11, 13, 14,  
 17, 19, 22, 24, 27



**PCLAPT230**  
 ¾" Impact Wrench  
 1350Nm  
 ⅜" Air Inlet



**PCLAPT263**  
 1" Impact Wrench  
 8" Anvil  
 2440Nm  
 ½" Air Inlet



**PCLAPT401R**  
 Reversible  
 Drill - 10mm  
 1800 RPM  
 ¼" Air Inlet



**PCLAPT702**  
 Die Grinder  
 22000 RPM  
 ¼" Air Inlet  
 6mm Collet



**PCLAPT702K**  
 Die Grinder Kit  
 22000 RPM  
 ¼" Air Inlet  
 10 Stones  
 6mm Collet



**PCLATF6**  
 ¼" In-line  
 Filter Only  
 Semi Auto Drain



**PCLATC6**  
 ¼" In-line Air  
 Filter Regulator  
 Semi Auto Drain  
 1800l/min 12BAR



**PCLATF12**  
 ½" In-line  
 Air Filter  
 Semi Auto Drain  
 6000l/min 16BAR



**PCLATC12**  
 ½" In-line Air  
 Filter Regulator  
 Semi Auto Drain  
 5000l/min 16BAR



**PCLATCFRL12**  
 ½" In-line Air Filter /  
 Lubricator / Regulator  
 Semi Auto Drain  
 5000l/min 16BAR



**PRO60101**  
 Air Filter  
 ¼" BSP  
 Semi Auto  
 Drain



**PRO60308**  
 ¼" Filter-Regulator  
 0 - 14BAR Pressure  
 Gauge  
 Semi Auto Drain



**UAC1010L**  
 ¼" In-line Lubricator  
 980l/min 10BAR



**UMO40**  
 ¼" In-line Mini  
 Oiler



**UAC2040AR**  
 ½" In-line Air  
 Regulator  
 5500l/min 10BAR



**UAC2060F**  
 ¾" In-line Air Filter  
 Manual Drain  
 7000l/min 10BAR



**UAC2040BFR**  
 ½" In-line  
 Air Filter  
 Regulator  
 Auto Drain  
 5500l/min 10BAR



**UAC2040AL**  
 ½" In-line Air  
 Lubricator  
 5500l/min 10BAR



**UAC2040BF**  
 ½" In-line Air Filter  
 Auto Drain  
 5500l/min 10BAR



**UAC2040B**  
 ½" In-line Air Filter /  
 Lubricator / Regulator  
 Auto Drain  
 5500l/min 10BAR



**UI44K**

1/2" H/D Impact Wrench Kit  
542 Nm 1/4" Air Inlet  
Socket Sizes: 11, 12, 13, 14, 16,  
17, 19, 21, 22, 24



**UI838**

1" Impact Wrench  
8" Anvil  
2440 Nm  
1/2" Air Inlet



**UI888**

1" Impact Wrench  
8" Anvil  
3667 Nm  
1/2" Air Inlet



**UI83P**

1" Impact Wrench Pistol  
1" Anvil  
2440 Nm  
1/2" Air Inlet



**UI66**

3/4" H/D Impact Wrench  
1020 Nm  
1/4" Air Inlet



**UI44**

1/2" H/D Impact Wrench  
542 Nm  
1/4" Air Inlet



**UR57**

3/8" Air Ratchet  
81 Nm  
1/4" Air Inlet



**UR56**

1/2" Air Ratchet  
81 Nm  
1/4" Air Inlet



**UAN1013**

Air Stapler  
Crown - 11.2 mm  
1/4" Air Inlet  
6 - 13mm Staples



**US18**

Air Orbital Sander  
8000 RPM  
1/4" Air Inlet



**UNS505**

Needle Descaler  
1/4" Air Inlet



**UAG41**

7" Air Angle Grinder  
7000 RPM  
1/4" Air Inlet



**UAG37**

5" Air Angle Grinder  
11000 RPM  
1/4" Air Inlet



**US74**

7" Air Angle Polisher  
2500 RPM  
1/4" Air Inlet



**UAG36**

4" Air Angle Grinder  
11000 RPM  
1/4" Air Inlet



**US73**

7" Air Angle Sander  
4500 RPM  
1/4" Air Inlet



**US15P**

6" H/D Dual Sander  
10000 RPM  
1/4" Air Inlet  
(Stick-on Discs)



**US70**

7" Air Vertical Polisher  
2000 RPM  
1/4" Air Inlet



**US12**

5" High Speed Sander  
18000 RPM  
1/4" Air Inlet

## AIR TOOLS



**UH12KR**

Air Hammer Kit  
3000 BPM 5 Chisles  
1/4" Air Inlet



**UD34**

3/8" Reversible Air Drill  
1800 RPM  
1/4" Air Inlet



**UDG31M**

1/4" Air Grinder Mini  
20000 RPM 6mm Collet  
1/4" Air Inlet



**UB56**

Professional Tyre  
Buffer 25000 RPM  
1/4" Air Inlet



**UIS4003**

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



**UIS8003**

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



**UIS6003**

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



**UB20**

Air Metal Shear  
1/4" Air Inlet



**UD44**

1/2" Reversible Air Drill  
800 RPM  
1/4" Air Inlet



**UG32**

1/4" Air Die Grinder  
25000 RPM 6mm Collet  
1/4" Air Inlet



**UB55**

Tyre Buffer & Wheel  
25000 RPM  
1/4" Air Inlet



**UR18**

Air Riveter  
4mm/4.8mm/6.4mm/7.1mm  
Max Pull 2500Kg  
1/4" Air Inlet



**UAG02**

Paraffin Spray Gun  
1/4" Air Inlet



**UB11BL**

Air Body Saw  
10000 BPM  
1/4" Air Inlet

**UB11B** Body Saw Blade 24TPI

**UB11BL32** Body Saw Blade 32TPI



**UB54H**

Air Spot Drill & Hook  
8mm Drill bit  
16000 RPM  
1/4" Air Inlet



**UB26**

Air Nibbler  
Pull Type  
1.4mm  
1/4" Air Inlet



**UG33L**

1/4" Extended Die Grinder  
25000 RPM 6mm Collet  
1/4" Air Inlet



**UR15**

Air Riveter  
2.4mm/ 3.2mm/4.0mm/4.8mm  
Max Pull 720Kg  
1/4" Air Inlet



**UB36**

Air Grease Gun  
400g  
1/4" Air Inlet



**UB27**

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



**UB25**

Air Nibbler  
Push Type 1.4 mm  
1/4" Air Inlet



**UG32K**

1/4" Air Die Grinder Kit  
2500 RPM 6mm Collet  
10 Stones  
1/4" Air Inlet



**USG02**

Gravity Spray Gun  
1.2mm Nozzle  
High Pressure  
3.5 to 5 Bar  
600ml Cup  
1/4" Air Inlet



**USG2003G**

Gravity Spray Gun  
1.4mm Nozzle  
High Pressure  
3.5 to 5 Bar  
600ml Cup  
1/4" Air Inlet

**USG40**  
High Pressure  
Air Spray Gun  
Suction  
1.6mm Nozzle  
1000ml Cup  
1/4" Air Inlet





**OMCN3020**

3 Ton Trolley Jack

Polyurethane Wheels

Very Low Profile, Ergonomic Handle  
Support Holder with Wide Base  
Equipped with Foot-approaching  
Control



**OMCN3030**

6 Ton Trolley Jack

Polyurethane Wheels

Very Low Profile, Ergonomic Handle  
Support Holder with Wide Base  
Equipped with Foot-approaching  
Control



**OMCN1120E**

2 Ton Trolley Jack  
with Double Frontal  
Balancing Wheels  
and Rear Turning  
Polyurethane Wheels



**OMCN116**

3 Ton Trolley Jack

Foot Descent-Control



**OMCN118**

5 Ton Hi-Lift Trolley Jack

Foot Descent-Control



**OMCN122**

10 Ton

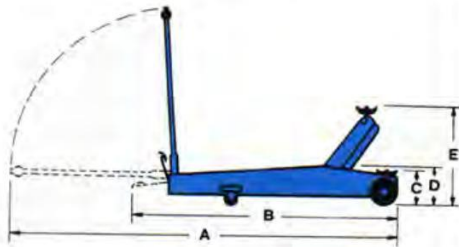
**OMCN123**

15 Ton

**OMCN123A**

20 Ton

Foot Descent-Control



PART No	TON	MAX WIDTH	WEIGHT	A	B	C	D	E
OMCN1120G	1.5	570 mm	85 Kg	2530	1750	130	200	850
OMCN1120E	2	530 mm	65 Kg	1800	1030	130	200	760
OMCN116	3	325 mm	56 Kg	2100	1280	140	185	520
OMCN118	5	360 mm	80 Kg	2360	1530	155	185	550
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	185	265	630
OMCN123	15	450 mm	176 Kg	3000	2030	210	280	655
OMCN123/A	20	450 mm	180 Kg	3000	2030	210	280	655

## PIT TRANSMISSION JACKS



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



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

OMCN5/73	
Capacity	6 000 Kg
Min. Lifting Range	1305 mm
Max. Lifting Range	2215 mm
Base Size	720 x 720 mm

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

## TRANSMISSION JACK



**OMCN243**

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



**OMCN158**

Hydraulic 50 Ton Floor Press with Gauge  
Hand Operated with Two Speed Pump  
190mm Ram Stroke  
1135mm Max Working Range  
335mm Bed, Included V-Blocks



**OMCN164**

Hydraulic 100 Ton Floor Press with Gauge  
Electrical One Speed Pump  
380V 310mm Ram Stroke  
1055mm Max Working Range  
1010mm Bed, Included V-Blocks



**OMCN160**

Hydraulic 100 Ton Floor Press with Gauge  
Hand Operated with Two Speed Pump  
215mm Ram Stroke  
1055mm Max Working Range  
1010mm Bed, Included V-Blocks



**OMCN156**

Hydraulic 20 Ton Floor Press with Gauge  
Hand Operated with Two Speed Pump  
200mm Ram Stroke  
1020mm Max Working Range  
510mm Bed, Included V-Blocks



**OMCN156P**

Hydraulic 20 Ton Floor Press with Gauge  
Foot Operated with Two Speed Pump  
200mm Ram Stroke  
1020mm Max Working Range  
510mm Bed, Included V-Blocks



**OMCN153**

Hydraulic 10 Ton Floor Press with Gauge  
Hand Operated with Two Speed Pump  
190mm Ram Stroke  
370mm Max Working Range  
520mm Bed, Included V-Blocks



**OMCN100**

20 Ton Porta Power Kit



**OMCN354**

12 Ton Porta Power Kit



**OMCN382**

Articulated Dime Set



**OMCN379**

Three Stage Measuring Tool



**TR22000**

Door Opening Brace Set  
780 - 1200 mm



**OMCN129**

20 Ton Bottle Jack  
Height 285 mm  
Stroke 165 mm



**OMCN130**

30 Ton Bottle Jack  
Height 295 mm  
Stroke 165 mm



**OMCN130A**

50 Ton Bottle Jack  
Height 270 mm  
Stroke 160 mm



LDP01102

Hydraulic 10 Ton Bench Press  
Hand Operated  
180mm Ram Stroke  
Working Range: 3 - 340mm  
335mm Bed Width  
V-Blocks Not Included



LDP01301

Hydraulic 30 Ton Floor Press  
Hand & Foot Operated  
190mm Ram Stroke  
Working Range: 35 - 912mm  
176mm Side Travel  
510mm Bed Width  
V-Blocks Included



LDP01503

Hydraulic 50 Ton Floor Press  
Hand & Foot Operated  
200mm Ram Stroke  
Working Range: 69 - 1048mm  
245mm Side Travel  
730mm Bed Width  
V-Blocks Included



LDP01502

Electro-Hydraulic 50 Ton Floor Press  
380V 1400RPM  
200mm Ram Stroke  
Working Range: 79 - 1059mm  
245mm Side Travel  
730mm Bed Width  
V-Blocks Included



TRDF685

Hydraulic Pallet Jack  
Fork Outer Width - 690mm  
Lifting Range 80 - 180mm  
2500Kg Capacity



TRC6PU

Hydraulic Pallet Jack  
with Scale  
Fork Outer Width - 690mm  
Lifting Range 80 - 180mm  
2500Kg Capacity



TRC611PU

Hydraulic Pallet Jack  
with Scale & Printer  
Fork Outer Width - 690mm  
Lifting Range 80 - 180mm  
2500Kg Capacity



HJHM4011

Lifting Platform  
Foot Operated  
Height 360 - 1220mm  
Width - 520mm Length - 820mm  
300Kg Capacity



LDJ11057

1 Ton Transmission Jack  
Telescopic 2 Stage  
860-1845mm  
Foot Operated



TR15001

1.5 Ton Transmission  
Trolley Jack  
Min Height: 270mm  
Max Height: 900mm



LDE02100

Engine Stand  
Fold Up 450 Kg  
LDE02101  
Heavy Duty Engine Stand  
Fold Up 910Kg



TR30306

Long Ram Jack  
3 Ton  
Min Height: 620mm  
Max Height: 1115mm



TR30806

Long Ram Jack  
8 Ton  
Min Height: 630mm  
Max Height: 1120mm



LDE03012

2 Ton Engine Crane  
920 - 1430 Boom Range  
0 - 1890mm Lift Range  
Air/Hand Operated  
Folding



LDE04005

1/2 Ton Engine Support



LDJA09001

10 Ton Chassis Straightener  
150 mm Stroke  
Swivel Beam



**TRH92004**  
20 Ton Hydraulic Bottle Jack  
240mm Min Height  
150 mm Stroke  
CE & GS certification



**TRH93204**  
32 Ton Hydraulic Bottle Jack  
260mm Min Height  
160mm Stroke  
CE & GS certification



**GRBT20** 20 Ton Bottle Jack  
230 - 450mm  
**GRBT32** 32 Ton Bottle Jack  
260 - 420mm  
**GRBT50** 50 Ton Bottle Jack  
280 - 450mm



**LDJ07031** (3Ton)  
**LDJ07061** (6Ton)  
**LDJ07121** (12Ton)  
Ratchet Type Trestles



**TR250002**  
25 Ton Trestle  
Pin Type  
675 - 1050mm



**LDJ08042**  
4 Ton Porta Power  
Blow Mould Case  
14 pce



**LDJ08103**  
10 Ton Porta Power  
Blow Mould Case  
14 pce



**LDJ0810305**  
20 Ton Porta Power  
Steel Case  
20 pce



**HJHM5401**  
Pull & Push Ram Kit  
9 Piece



**WDA1**  
Air Hydraulic Foot Pump  
10,000 Psi Pressure  
1600 ml Oil Capacity  
11 in<sup>3</sup>/min Flow  
¼" Inlet ⅜" Outlet



**LDJ0804201**  
Hand Hydraulic Pump  
4 Ton 4,000 Psi  
300 ml Oil Capacity



**LDJ0810301**  
Hand Hydraulic Pump  
with Hose  
10 Ton  
790 ml Oil Capacity



**LDJ0810303**  
10 Ton Push Ram  
118 mm Length  
60 mm Stroke



**LDJ0810304**  
Hydraulic Spreader  
Ram



**TR6100**  
Mechanics Creeper Seat



**TRH6802**  
Mechanics Creeper  
Plastic 6 Wheel  
Length - 1010mm  
Width - 475mm



**LDO01401**  
Mechanics Creeper  
Steel Frame 6 Wheel  
Length - 1115mm  
Width - 420mm



**RHINO003**  
Bench Vice  
Available in 100mm  
150mm 200mm



**RHINO6** Bench Grinder  
150mm 220V  
**RHINO8** Bench Grinder  
200mm 220V



**LDJ0804202**  
4 Ton Push Ram  
276 mm Length  
132 mm Stroke



**LDJ0810302**  
10 Ton Push Ram  
360 mm Length  
150 mm Stroke



**LDJ0810305**  
Hydraulic Ram  
Coupler for  
4T & 10T  
Female



**LDJ0810306**  
Hydraulic Hose  
Coupler for  
4T & 10T  
Male



**AME16105**  
3m High Pressure  
Hydraulic Hose  
¼" male x ⅜" male  
10 000 Psi

**HJSD020306**  
2m High Pressure  
Hydraulic Hose  
¼" male x ¼" male  
10 000 Psi



LDJ05091

2 Ton Hi-Lift Trolley Jack  
with Nylon Wheels  
127 - 914mm



TRA40-2AL

Pneumatic Trolley Jack  
40/20 Ton



TRA60-3AL

Pneumatic Trolley Jack  
60/40/20 Ton



TRF22001

2 Ton Engine Crane  
Load Leveller



TR830025

3 Ton Trolley Jack  
Short Pro Series



LDJ05052

3 Ton Trolley Jack



LDJ05062

5 Ton Trolley Jack



LDJ05072

10 Ton Trolley Jack



TRSTL20

20 Ton Trolley Jack



TJGD4035

Self Locking  
Pull Clamp  
100 mm - 10 Ton



TJGD4010

Self Locking  
Pull Clamp  
60 mm - 10 Ton



TJGD4111

Chain Fixing Base Set  
with Pins



TJGD4112

Ball Pivot Base Set  
with Pins



TJGD4113

Clamp Anchor Base



TJGD4031

Pull Clamp  
100 mm - 6 Ton  
With Yoke



TJGD4032

Pull Clamp with Yoke  
100 mm Two Way  
6 Ton Straight Angle  
3 Ton Right Angle



TJGD4204

Chain Joint  
with Double Grab  
Hook  
6 Ton Capacity



TJGD4034

Right Angle Pull Clamp  
100 mm Two Way  
6 Ton Straight Angle  
3 Ton Right Angle



TJGD4011

Self Locking  
Pull Clamp  
100 mm - 6 Ton



TJGD4102N

Box Clamp Two Way  
3 Ton Straight Way  
2 Ton Cross way



TJGD4101N

Pull Clamp Small Mouth  
Two Way  
5 Ton Straight Way  
2 Ton Cross way



TJGD4601N

Wide Serated Clamp  
120mm Two Way  
5 Ton Straight Way  
3 Ton Cross way



TJGD4106

Scissor Clamp  
3 Ton



TJGD4103

Heavy Duty Pull Clamp  
5 Ton



TJGD4114

Ball Pivot



TJGD4121

Large Hook Pull Kit  
60 Ton

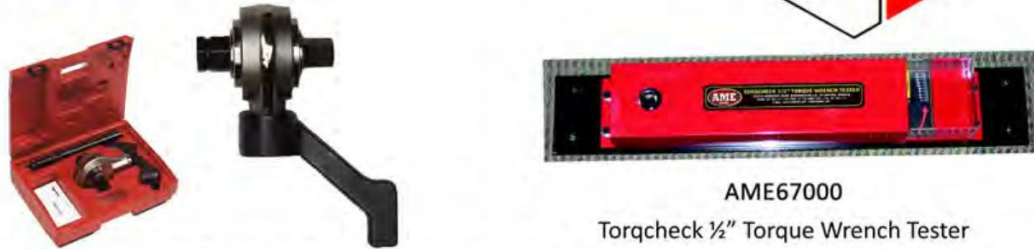


TJGD4541

10 Ton Ram



# TORQUE WRENCHES



AME67000

Torqcheck 1/2" Torque Wrench Tester

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	1/2" F 32mm A/F M	3/4"	5.1	108	126
NORHT3H	2700	1990	5:1	3/4" F 36mm A/F M	1"	5.1	108	129



NORTORQ - EFFICIENT, AFFORDABLE, PROFESSIONAL QUALITY

NORPRO - PROFESSIONAL QUALITY, VISUAL INDICATION FOR RE-CALIBRATION

MODEL	SQUARE DRIVE	RANGE	
		Nm	lbf.ft
NORTTi20B	1/4"	1 - 20	0.73 - 15
NORTTi20A	3/8"	1 - 20	0.73 - 15
NORPRO50A	3/8"	8 - 50	7.5 - 37.5
NORTORQ60A	1/2" + 3/8"	12 - 60	8 - 45
NORPRO50B	1/2"	8 - 50	7.5 - 37.5
NORTORQ100	1/2"	20 - 100	15 - 75
NORPRO100	1/2"	20 - 100	15 - 75
NORTORQ200	1/2"	40 - 200	30 - 150

MODEL	SQUARE DRIVE	RANGE	
		Nm	lbf.ft
NORPRO200	1/2"	40 - 200	30 - 150
NORTORQ300	1/2"	60 - 300	45 - 220
NORPRO300	1/2"	60 - 300	45 - 220
NORTORQ340	1/2"	60 - 340	45 - 250
NORPRO340	1/2"	60 - 340	45 - 250
NORPRO400	3/4"	80 - 400	60 - 300

MODEL	SQUARE DRIVE	RANGE	
		Nm	lbf.ft
NOR3AR	3/4"	100 - 500	70 - 370
NOR4R	3/4"	150 - 700	110 - 510
NOR4AR	3/4"	200 - 800	150 - 590
NOR5R	3/4"	300 - 1000	220 - 740
NOR5AR	3/4"	700 - 1500	500 - 1000
NOR3ARA	1"	100 - 500	70 - 370
NOR4RA	1"	150 - 700	110 - 510
NOR4ARA	1"	200 - 800	150 - 590
NOR5RA	1"	300 - 1000	220 - 740
NOR5ARA	1"	700 - 1500	510 - 1110

MODEL	SQUARE DRIVE	RANGE	
		Nm	lbf.ft
GRTQW100	1/2"	20 - 100	15 - 75
GRTQW200	1/2"	40 - 200	30 - 150
GRTQW340	1/2"	60 - 340	45 - 251



# TESTERS



**STTU7**

Compression Tester  
For Petrol Engines

57mm Gauge, 300 Psi & 21 BAR  
300mm Hose, 14 & 18mm Dual Adaptors  
14mm Long Reach Adaptor  
Release Valve



**STTU4A**

Automatic Transmission &  
Engine Oil Pressure Tester

64mm Gauge, 300 Psi & 21 BAR  
1800mm Hose  
Supplied with Adaptor & Fittings



**STTU12**

Oil Pressure Tester Engine

64mm Gauge, 100 Psi & 7 BAR  
600mm Hose  
1/8", 1/4", 3/8" Adaptor



**STTU1**

Vacuum & Fuel Pump Tester

89mm Gauge, 10 Psi & 28Inhg  
600mm Hose



**STCLT2**

Cylinder Leakage Tester - Deluxe

57mm Gauge, 100% Leakage Indicator  
57mm Gauge, 7 BAR Air Input Control  
660mm Hose, 14mm & 18mm Dual Adaptors  
14mm Long Reach Adaptor  
Pressure Regulator



**TRA0021**

Cylinder Leakage Tester - Econo

57mm Gauge, 100% Leakage Indicator  
57mm Gauge, 7 BAR Air Input Control  
660mm Hose, 14mm & 18mm Dual Adaptors  
14mm Long Reach Adaptor  
Pressure Regulator



**STTU443**

Fuel Injection Pressure Tester - Deluxe

87mm Gauge, 100PSI & 7BAR  
Pressure Relief Valve with  
1800mm Release Hose  
1070mm Gauge Hose with Hook  
Adaptors & Hose Assemblies  
To Suit Most Injector Systems



**STTU202**

Compression Tester For  
Petrol Engines

57mm Gauge, 300 Psi & 21 BAR  
Straight Adaptor with Cone  
45° Angle Adaptor with Cone  
100mm Rigid Extension  
190mm Flexible Extension



**STTU29PB**

Exhaust Back Pressure Tester

57mm Dual Band Gauge  
1800mm Hose, Oxygen Sensor Adaptor  
With 12mm & 18mm Thread



**STTU1552**

Compression Tester For  
Diesel Engines

64mm Gauge, 1000 Psi & 70 BAR  
420mm Hose  
Pressure Release Valve



**STTU171**

TDC Whistle

Determines Top Dead  
Centre Suitable  
for STCLT2

# GAS ANALYSER



**KLMC700**

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

# WORKSHOP EQUIPMENT



**ZECA415**  
Cooling System Pressure Tester  
Adaptor Type Suitable for Cars,  
Trucks, Marine & Motorcycle  
14pce



**TRA3310**  
Cooling System Pressure Tester  
Adaptor Type  
14pce



**PBT70802**  
Cooling System Pressure Tester  
Bladder Type, Suits Neck  
Diameter Up to 45mm  
Suitable for Cars, Truck, Marine  
& Motorcycle



**PBT71510**  
Cooling System and  
Cap Pressure Tester  
Suitable for Toyota



**PBT71520**  
Cooling System and  
Cap Pressure Tester  
Suitable for Ford



**TRIBC1000**  
1000 Amp 4.0 m  
Booster Cable Sets



**PBT70896**  
Camshaft Clamp Set  
Suitable for Dual  
Quad Overhead Cam Engines



**PBT70900**  
Camshaft Clamp Set  
Suitable for Single  
Dual & Quad Overhead  
Cam Engines  
5pce



**ZECA209**  
Pneumatic Engine  
Valve Grinder  
22mm, 33mm & 40mm  
Suction Cups



**PBT80030**  
Test-Vac Vacuum  
Testing Kit  
Complete with Pump  
Container & Hose



**TRA1008**  
Vacuum and Fuel  
Pressure Tester  
89mm Gauge,  
10 Psi & 28Inhg  
Hose with 3 Adaptors



**MAJORMT175**  
Video Borescope  
3.2" colour TFT LCD  
transferrable to your PC  
Rechargeable with 9mm Probe  
OPTIONAL:  
MTBC6 - 6mm Camera Probe

## OIL MEASURES AND FUNNELS



PS930000 Plastic Funnel - 180 mm  
PS931000 Plastic Funnel - 200 mm

PS916000  
Oil Measure - 1L

PS917000  
Oil Measure - 2L

PS920000  
Oil Measure - 5L



**MAJORMT21**  
Digital Multimeter  
AC/DC 600V 10Amp  
2000 Ohms



**TRIA200**  
Anti Freeze Tester  
Plastic



**ZECA152**  
Anti Freeze Tester  
Glass Tube  
Professional

## WORKING LIGHTS



TR4008

Lead Light - 220V with Switch  
60 Watt Maximum  
E27 (Bayonet) Fitting  
Globe Not Included



ZECAKB110

Rechargeable Cordless  
LED worklight with  
Magnetic Base



TRILL3001

Leadlight 220v 8w Fluorescent



RM2315F

220V Retractable Electric  
Cable Reel  
3 Core 1.5mm<sup>2</sup>  
14m Cable Length  
Rewind Control



C035416

LED Sunmatch  
For Colour Match &  
Quality Check Between  
Prezone Operations



GRLED180

HD Rechargeable LED  
Slim Foldable  
Work Light  
400LUM

## INJECTOR TESTERS



ZECA470/6 **DIESEL**

Diesel Injector "POP" Tester  
Supplied with two  
connecting pipes (M14 & M12)  
100mm Gauge  
600Bar



ZECA470IMT **DIESEL**

Diesel Injector "POP" Tester  
100mm Gauge  
3 Way valve  
400Bar

## COMPRESSION TESTING TOOLS



**DIESEL**

MM34125100

Diesel Tester Cards

**PETROL**

MM34124800

Petrol Tester Cards



MM30011110

Compression Tester Only  
for Petrol  
No Adaptors  
No Cone  
Range: 3.5 - 17.5 BAR



MM30021230

Compression Tester  
for Diesel  
include Snap in Hose,  
70 & 105mm & 70° Snap in extensions  
Cards x 100, Carry Case  
Range: 10 - 60 BAR



MM30001210

Compression Tester  
with Adaptors for Petrol  
Range: 3.5 - 17.5 BAR

PART NUMBER	DESCRIPTION
MM20041002	Snap-In Ext 105 mm - Petrol
MM20041003	Snap-In Ext 70 mm - Petrol
MM20041004	Snap-In Ext 70 Deg - Petrol
MM20041005	Snap-In Ext 140 mm - Petrol
MM20041006	Snap-In Cone 30° 21mm Ø - Petrol
MM20040006	Rubber Cone Only 30° 21mm Ø - Petrol
MM20040007	Rubber Cone Only 60° 17mm Ø - Petrol
MM20041007	Snap-In Cone 63° 17mm Ø - Petrol
MM20041009	Adaptor Nipple - Diesel



**DIESEL**

MM20001007

Recording card holder kit  
with cards and glass



**PETROL**

MM20001005

Recording card holder kit  
with cards glass and cone

## SPRING COMPRESSOR



C110005  
1800Kg  
Jaws 80 - 200mm &  
20 - 200mm Supplied with a  
Safety Cable

## HEADLIGHT AIMER



LUJ5413  
Headlight Aimer Laser  
Suitable for all kinds of  
Headlights, including Xenon  
and LED. Suitable for passenger  
and Heavy duty vehicles  
Optional Aiming device  
Internal aiming screen for left  
and right hand drive  
vehicles, Digital Lux meter to  
measure light intensity  
EC approved

## BRAKE BLEEDING UNITS



STIVARIO520PRO  
Electrical Brake,  
Transmission Bleeding &  
Recovery Unit



RM10807D  
Raasm Brake & Clutch Fluid  
Bleeding Unit  
Pneumatic Operated  
Complete with Universal Adaptor  
& Cap Set



STIVARIO5  
Electrical Brake,  
Transmission Bleeding &  
Recovery Unit  
5L



PBT70858  
Blake Bleeder Kit



PBT70854  
Vacuum Brake  
Bleeder Kit



PBT70915  
4 in 1 Brake Pad  
Spreader



LUJ9135  
Digital Brakefluid Tester  
Measures Water  
Absorbtion  
of Brake Fluid



RM70365  
Pneumatic Mobile Parts Washer  
65l Tank  
500 X 650mm Wash Tray



RHINOPW84  
Table Parts Washer  
220V Pump - 20l Tank  
1100 X 750mm Wash Tray



RM22024  
24l Pressure Sprayer  
Maximum Working  
Pressure - 1000 Kpa  
Detergent Liquids  
Low Density Lubrication Oils



TRM12  
Pneumatic Wheel Lift  
Max Lift Height: 1200mm  
Lift Capacity: 65Kg



LDJ12121  
Hydraulic Wheel Dolly  
680Kg Capacity



TRX10001  
Hydraulic Truck Wheel Dolly  
1000 Kg Capacity



RM52024  
Portable Tyre  
Inflator  
24L - 10 Bar



PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT	PART No.	DESCRIPTION	CHARGE VOLTAGE	PEAK CURRENT
LET2	Battery Analyser	12v	-	LEC123200	Batteryless Start Booster	12 v	3200 Amp
LET12	Battery Analyser incl. Printer	12 + 24v	-	LE1222	Battery Boost Start (850 Amp)	12 v	2500 Amp
LEM1238	Smart Battery Charger	12v	3.8 Amp	LE2422	Battery Boost Start (850/1700 Amp)	12 + 24v	2500 / 5000 Amp
LEM122470	Smart Battery Charger	12 + 24v	7 Amp	LEC244500	Batteryless Start Booster	24v	4500 Amp



PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT	PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT
DECA16	Battery Charger	12 + 24v	12 Amp	DECA400	Battery Charger/Boost Start (400 Amp)	12 + 24v	40 Amp
DECA30	Battery Charger	12 + 24v	30 Amp	DECA4500	Battery Charger/Boost Start (500 Amp)	12 + 24v	75 Amp
				DECAFL2212	Battery Charger / Auto - Gel Battery	12v	22Amp
				DECAFL2213	Battery Charger / Auto - Gel Battery & Desulphation Program	6 + 12 + 24v	22Amp



PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT	PART No.	DESCRIPTION	CHARGE VOLTAGE	CHARGE CURRENT
HAWAP05	Deep Cycle Battery Charger - Auto	12v	6 Amp	HAWPRO15	Battery Charger / Reverse Polarity Protection	6 + 12 + 24v	10 Amp
HAWAP10	Deep Cycle Battery Charger - Auto	12v	10 Amp	HAWPRO30	Battery Charger / Reverse Polarity Protection	6 + 12 + 24v	30 Amp
HAWAP50	Deep Cycle Battery Charger - Auto	12v	50 Amp	HAWPRO524	Battery Charger / Boost Start (500 Amp)	12 + 24v	60 Amp
HAWBLT600	Battery Load Tester	6 + 12v	600 Amp	HAWPRO615	Battery Charger (6 Batteries Simultaneously)	12 - 72v	10 Amp



**TRY41**  
Battery Load Tester  
6 - 12v  
50 Amp Load

**TRIB150**  
Battery  
Hydrometer

**ZECA920**  
Battery  
Hydrometer

**ZECA980**  
Battery Filler 1L

**BL520598**  
Elektron  
12/24v 120/60Amp  
Battery Charger with  
3m Charging Cables  
Suitable for NASS, GEL  
VLIES AGM, CALCIUM, Li-ION  
DESULFATION MODE

Trolley Optional

# TEST BENCH FOR STARTER AND ALTERNATORS

**HLD1224**

Test bench designed for quick and accurate diagnosis of automotive Alternators and starters for passenger cars



## ON CAR DISC LATHE



**MAD8700**

Disc Brake Lathe with 4WD Accessories  
 Max Disc Thickness: 39 mm  
 Max Cutting Distance: 116 mm



## OFF CAR DISC, DRUM & FLYWHEEL LATHE



**TRE9350**

OFF-THE-CAR Brake Lathe

Cutting the Disc, Drum and Flywheel  
 Quickly, Accurately and Efficiently

Rotor Diameter	180 - 381mm
Rotor Thickness	48mm
Drum Diameter	152 - 711mm
Drum Depth	175mm



## FUME EXTRACTORS



**GROLLY230M**

Grollly 230v Mobile Exhaust  
 Extractor with 10m x 125mm  
 extraction hose





**BOXO2671**

Tool Trolley on Wheels  
7 Lockable Drawers  
680 X 1000 X 459mm



**BOXO2671BK**

Tool Trolley on Wheels  
7 Lockable Drawers  
680 X 1000 X 459mm



**BOXOBXE146**  
Hand Tool Set with Inserts  
to Suit BOXO2671  
146 Piece



**BOXOSCW7**

7 Piece Screwdriver set  
Slotted – 5x100, 6x100, 5x150, 9.5x150  
Phillips – PH1x100, PH2x100, PH3x150



**BOXO2641**

Tool Chest 4 Drawers  
Stakable on BOXO2671  
600 X 378 X 307mm



**RHINO902**

Fold-Out 5 Tier Toolbox with Tools  
62 Piece



**BOXO47001**

Wall Mounted Workbench - GREY  
1200mm(w) x 450mm(d)



**BOXO6200**

Workbench with Hard Work Surface  
800 X 1565 X 766mm



**BOXO59001**

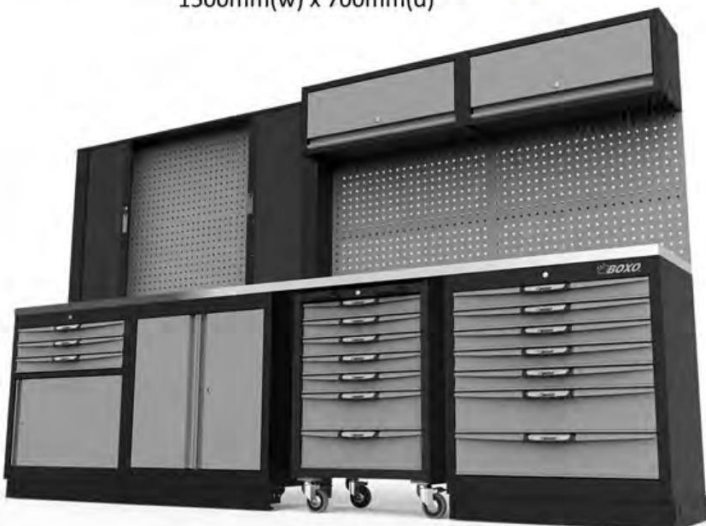
Wall Mounted Workbench - GREY  
1500mm(w) x 700mm(d)



**RHINO15L** Workbench with Half Lockup

**RHINO15S** Workbench without cupboard  
Standard Workbench 1500mm

Various Workbench Combinations Available



# WORKSHOP FURNITURE



## TOOL BOXES



## WALL MOUNTED WORK BENCHES & TOOL TROLLEYS



## WALL MOUNTED WORKBENCH WITH LOCKABLE STORAGE



**RHINO06**  
150 mm  
Bench Grinder

**RHINO8**  
200 mm  
Bench Grinder

**BFG5900**  
Heavy Duty  
Grinder Stand  
900 mm



**BFPW1100**  
Parts Washer 220V  
110 x 550 mm



**BFEV150**  
Engineers Vice  
150mm

**BFEVT75**  
Heavy Duty Engineers  
Vice Table  
700 (w) x 500 (d)  
x 900mm (h)

## CLEANING EQUIPMENT



## AIRCON UNITS



**WIGAM**  
 220V Airconditioner Recovery  
 Recycling & Recharge Unit  
 Automatic System Vacuum Test  
 Automatic Oil Recovery & Recharge  
 R134A Refrigerant  
 300 g/min Recovery Rate  
**STANDARD REQUIRED ACCESSORIES KIT**  
 (Refrigerant, Oil, O-Rings, Thermometer,  
 UV Leak Detector Light and Dye)

## TYRE BALANCERS, CHANGERS & WHEEL ALIGNERS



## NOISE DETECTOR



**SM97202**  
 Steelman Wireless Chassis  
 Ear Diagnostic Noise  
 Finder.

## NITROGEN TYRE EQUIPMENT



**PCLN72**  
 Nitrogen Generator  
 Digital Preset with 4 Hoses  
 Super efficient 12v 7am/h battery  
 and charge indicator  
 Average 20h continuous inflation on  
 a full battery and only 2h from flat  
 to full on a mains charge.  
 Available for cars, LDV and  
 commercial vehicles  
 Max Inflation Set Pressure - 10 bar



**PCLN2A001**  
 Nitrogen percentage  
 Analyser  
 Range 70 - 100%

## DIAGNOSTIC TESTER



**LAUNCH X431 PRO 3s**  
 The LAUNCH X431 Pro3 is an Android based automotive diagnostic tool  
 offering fault diagnostics such as fault reading and erasing,  
 component testing and live data values. Test functions include body system,  
 air conditioner and comfort systems, live data streams, engine,  
 A/T, ABS, SRS, body control modules, theft deterrent,  
 instrument cluster and radio system.



# TRUCK WORKSHOP EQUIPMENT



BLITZ INGROUND BUS LIFT



BLITZ SUSPENDED PIT LIFT



BLITZ INGROUND TRUCK LIFT



BLITZ SUSPENDED TRUCK PIT LIFT



FLOOR RUNNING  
PIT JACK



TRANSMISSION JACK With Clutch Assembly



MASTER GEAR ENGINE TROLLEY  
0.5 Ton / 1 Ton - Manual Hydraulic  
2 Ton - Electro Hydraulic



Mobile Truck and Bus Lifts



TRX10001  
Hydraulic Truck Wheel Dolly  
1000 Kg Capacity



OMCN 123/A  
20 Ton Trolley Jack



RM42062  
110L Oil Drain - Pit Type

OMCN138  
2 Ton Hydraulic Crane  
1460 - 1910mm Boom Range  
510 - 3300mm Lift Range





**AME11010**

**COMBI BEAD BREAKER**

For Single, 2 & 3 Piece

- Most Popular Tool for Breaking Beads on all Agricultural Wheels
- Used on Construction Wheels up to 25"
- Works on Single, 2 & 3 Piece Wheels
- Tool Clamps Hydraulically to the Wheel & then Breaks the Bead with 11Tons of Force

**AME11020**

**MAXI BEAD BREAKER - 3 PIECE**

- Newly Redesigned Bead Breaker
- Works on ALL 3 Piece Wheels that replace older 5 Piece Wheels
- Compact Design Allows the Tool to be used on the Front or Back side of the Wheel



**AME11090**

**STINGER BEAD BREAKER - 3 PIECE**

- Lightweight Option for Breaking 3 Piece Wheels
- Unit Mechanically Clamps to Wheel Regardless of Size or Clearance
- Unique Head is Designed for Tool to Push on the Bead Not Side Wall of Tyre
- Comes with 2 Spacer Wedges to Prevent Bead from Re-seating

**AME11076**

- Bead Breaker Head Only 3pce
- Light Weight Aluminium
- Adjustable Clamp
- Protective Case Best Solution for Today's Larger 3 Piece Wheels



**AME11000**

**OTR GIANT BEAD BREAKER - 5 PIECE**

- Most Popular Tool for Breaking Beads on Earthmover Tyres : Sizes 25" - 51"
- Works only on 5 Piece Wheels with Bead Loosening Pockets

**AME11030**

**5 PIECE GIANT**

- Use on 5 Piece Rims : 39" , 45" , 51" , 57" & 63" Wheels
- Large 25 Ton Cylinder Breaks Bead with Incredible Force

**FOR COMPLETE KIT ADD: Hydraulic Air Pump, Hydraulic Hose and Hydraulic Coupler**





# EARTH MOVER EQUIPMENT



**AME13060**  
30 Ton Hydraulic Rear  
Bead Breaker Ram  
Min Height 118mm  
Stroke 61mm



**AME13120**  
55 Ton Hydraulic Jack Ram  
Min Height 310mm Stroke 150mm  
- Lightweight Aluminium for Easy Handling  
- Includes "Shut Off Valve" which Allows Pump to be Removed while Ram is Extended



**AME13000**  
100 Ton Hydraulic Jack Ram  
Min Height 305mm Stroke 150mm



**AME15924**  
10 Ton Air Hydraulic Pump  
4.7 L - Alumimium Reservoir  
700Bar Pressure



**AME15905**  
10 Ton Air Hydraulic Pump  
2.3 L - Alumimium Reservoir  
700Bar Pressure



**AME16105**  
3m High Pressure  
Hydraulic Hose  
1/4" male x 3/8" male



**AME16050**  
High Flow Coupler -  
Hose Half  
Male



**AME16060**  
High Flow Coupler -  
Ram Half  
Female



**AME71410**  
Bead Holder - Black  
Keeps Truck Tyre Bead from Slipping  
During Mounting of Top Bead



**AME11060**  
Dual Agricultural Bead Breakers  
Unique Compact Design Allows The  
Tool To Fit In The Tightest Space (76mm)



**AME11044**  
Bead Breaker Head Only  
OTR Giant Tyre Bead Breaker  
Universal Jaw for  
51" - 63" Wheels



**AME12105**  
Dual Bead Breaker Kit  
Breaks the Bead on 5 piece Wheel Assemblies at Two  
Points of Contact.  
Comes with 3 Hydraulic Hoses & Tee Fitting  
To Ensure Equal Oil Pressure To Both Units.

**FOR COMPLETE KIT ADD: Hydraulic Air Pump, Hydraulic Hose and Hydraulic Coupler**





**MTHWA684**  
Magnetic Camber, Castor & King Pin Gauge



**MT8113**  
Magnetic Camber Gauge for Strut Alignment



**RHINOTSC00**  
Tyre Safety Cage for Truck tyres  
1300 X 1200 X 450mm



**RHINOTSC01**  
Tyre Safety Cage for Grader tyres  
1800 X 1800 X 450mm

**RHINOTSC02**  
Tyre Safety Cage for Earthmover tyres  
2100 X 1800 X 900mm



**TRN372**  
Metal Wheel Chock Pair  
326 mm x 204 mm x 161 mm



**RHINOTC1**  
Steel Truck Wheel Chock  
200 X 430 X 200mm



**MPRWEDG**  
Universal Rubber Wedge Chock  
100 x 210 x 100mm



**Plastic Truck Wheel Chock**  
Small 210 x 110 x 120mm  
Medium 334 x 230 x 173mm  
Large 554 x 332 x 370mm



**AME15200**  
2" Black Crib Block  
2" x 4" x 18"



**AME15220**  
4" Yellow Crib Block  
4" x 4" x 18"

**AME15230**  
6" Black Crib Block  
6" x 7" x 24"



**AMESLJ15038**  
Super Lift / Hydraulic Jack on Wheels  
150 Ton Capacity  
965mm to 1650mm Lift Range



Super Lift Jack In Operation



TRESTLES		
PART No	TON	RANGE mm
RHINOT02	2	320 - 510
RHINOT04	4	370 - 570
RHINOT08	8	480 - 740
RHINOT08E	8	740 - 990
RHINOT25	25	530 - 780
RHINOT50	50	530 - 700
RHINOTEX	1220 - 1820 mm Exhaust Trestle	

## LARGE BORE INFLATORS

(Available in Different Hose Lengths)



**S3946FG**  
Tyre Inflator with Gauge  
0 - 1200 kpa 3/8" BSP Inlet  
1500mm Hose  
12V1



**S3946DG**  
Tyre Inflator with Gauge  
0 - 1200 kpa 3/8" BSP Inlet  
1500mm Hose  
8V1 & 12V1

## MK4 TYRE INFLATORS



**PCLAFG4D03**  
MK4  
Hold-on  
**PCLAFG4D04**  
Clip-on

**PCLDAC403**  
Tyre Inflator - MK4 Digital  
Twin Hold-on  
Open end Connector  
0.3 - 17.2bar 1/4"  
320mm Hose



**MWM Wheel Mate**



**M45741 Electric Brander 1" Disc**



**MGB1D Gas Brander 1" Disc**



**RHINO4601 Bead Blaster**



**PCLD10**

Tyre Inflator Digital Preset  
220V Wall Mount



**PCLC03A03**  
Twin Hold on / Clip on  
Open End Connector  
8V1

**PCLC03B03**  
Twin Hold on / Clip on  
Closed End Connector  
8V1



**PCLC012A03**  
Single Hold on  
Open End Connector  
8V1 1/4" Female



**PCLTPG20H01** Pocket Type Pressure  
Gauge 0.5 - 4 Bar



**PCLTPG57H03** Truck Pressure Gauge  
0.8 - 11 Bar



**PCLTPG4H01** Pocket Type Pressure  
Gauge 0.8 - 8.2 Bar



**PCLDPG1D03**  
Dial Tyre Pressure  
Twin Hold on Connector  
Gauge 0 - 1200 kpa



**PCLC01A03**  
Twin Hold on  
Open End Connector  
8V1 1/4" Female

**PCLC01B03**  
Twin Hold on  
Closed End Connector  
8V1 1/4" Female



**PCLTPG54H03** Truck Pressure  
Gauge 4 - 20 Bar



**PCLC010P03**  
Screw on Jumbo  
Connector  
12V1



**PCLC09P03**  
Screw on Standard  
Connector  
8V1



**PCLTVT01**  
Valve Tool  
Fourway  
8V1



**PCLCH2H01**  
Clip on Open End  
Connector  
8V1



**PCLC02J03**  
Clip on Closed End  
Connector  
8V1



**PCLC08H72**  
Clip on Connector  
Euro Style  
8V1



**PCLC013A71**  
Clip on Connector  
Euro Style  
12V1



**PCLDTPG7**  
Digital Tyre Pressure  
& Tread Depth Gauge  
15 - 700 kPa  
0 - 22mm



**PCLDTDG1D04**  
Digital Tread Depth Gauge  
0 - 25mm



**PCLTDG16C01**  
Tyre Tread  
Depth Gauge  
0 - 26mm



**PCLTE60D01**  
Master Test  
Gauge



**PCLC08T73**  
Tyre Valve Connector  
Euro Style Open End  
8V1 1/4" Female



**PCLFPA02**  
Tyre Valve Connector  
Thumblock Open End  
8V1

**TRUCK & BUS TUBELESS VALVES**

**Metal Clamp-in Tubeless Valves**  
**S34643** 30mm x 85mm x 27° Angle  
**S34560** 30mm x 38mm x 27° Angle

**S543C** 24mm x 35mm x 45° Angle  
**S1390** 25mm x 28mm x 45° Angle

**S510**  
 Valve for Drop Centre  
 54mm Rims - 90° Angle  
 Rim Hole 15.8mm

**S690** Large Bore Valve  
 118.9mm - 90° Angle

**S650198** Large Bore Valve  
 79.4mm x 27.4mm x 80° Angle

**TUBE VALVES**

**S7823R** 88mm  
**S7923R** 108mm

**LARGE BORE VALVES FOR EARTHMOVING TYRES**

**S670198**  
 Large Bore Valve 38mm

**Truck & Bus Valves**  
 Rim Hole Size 15.8mm

**Metal Clamp-in Tubeless Valve**  
**S501** 38.1mm x 22.9mm  
**S595** 50.8mm x 22.9mm  
**S572** 95.3mm x 22.9mm  
**S573** 111.3mm x 22.9mm

**FLEX EXTENSIONS STEEL BRAIDED WITH PROTECTIVE SLEEVE**

**S662125** Flex Extension 125mm  
**S662150** Flex Extension 145mm  
**S662175** Flex Extension 175mm  
**S662215** Flex Extension 215mm  
**S662250** Flex Extension 250mm

**M42412**  
 Double Adaptor for Skiving Brush

**HALFP520** Core Housing with Cap  
**HALFP134** Large Bore Core Remover  
**HALFP138** M40 Ejector Union

**M42041**  
 Long Drill Adaptor  
 TB-320-D  
 ¼" Shank to ⅜" USS Male

**S4166768**  
 Rim Hole 15.8mm  
 Clamp-in Valve for Drop Centre Rim - 90° Angle

**M26124**  
 T670 Loader Valve

**TRUCK VALVE EXTENSIONS RIGID METAL WITH PLUNGER PIN & CAP**

**S8378L** Long Collar - 74mm x 100mm (A x C)  
**S7382L** Long Collar - 128.6mm x 155mm (A x C)  
**S4430L** Long Collar - 102mm x 126mm (A x C)

**S6358S** Short Collar - 33mm x 40mm / 25 Pack  
**S6284S** Short Collar - 56.4mm x 60mm / 25 Pack  
**S4430S** Short Collar - 104.4mm x 110mm / 10 Pack

**VALVE EXTENSION BRACKETS**

**S6623**  
 Valve Bracket - Trailer

**S6622**  
 Valve Bracket - Truck

**S662VLV**  
 Valve Bracket - Volvo

**S6622F**  
 Valve Bracket - Truck (F = Flat)

**EARTH MOVING TYRES**

**S4106250** Flex Extension - 250mm  
**S4106500** Flex Extension - 500mm

**CUSTOM BENT SWIVEL BENT VALVES**

**S5020140MB** Multi Bent Swivel Valve - 928mm  
**S502046SB** Single Bent Swivel Valve - 292mm

**LARGE BORE VALVE EXTENSIONS**

**S6020250** Rigid Metal Extension - 250mm  
**S6020460STRF** Rigid Metal Extension - 460mm

**S502017** Swivel Stem Assembly - 107.9mm x 27.4mm x 90°  
**S502024** Swivel Stem Assembly - 152.4mm x 27.4mm x 90°  
**S502030** Swivel Stem Assembly - 190.5mm x 27.4mm x 90°  
**S502032** Swivel Stem Assembly - 203.2mm x 27.4mm x 90°  
**S502045** Swivel Stem Assembly - 285.7mm x 27.4mm x 90°  
**S502066** Swivel Stem Assembly - 419.1mm x 27.4mm x 90°

**S618425** Super Large Bore Flexible Extension - 625mm  
**S618432** Super Large Bore Flexible Extension - 823mm  
**S618442** Super Large Bore Flexible Extension - 1078mm

**SUPER LARGE BORE VALVES**

**S6183A**  
Swivel Stem  
49.4mm 90°

**S6185**  
Check Valve

**S5790R**  
Tractor Tube Valve  
Length = 41.3mm

**S8122**  
Motorcycle Valve  
Extension - 90°

**S4000**  
Alloy Wheel  
Valve 31mm

**S6183C**  
Swivel Stem  
49.4mm 85°

**S5789**  
Tractor Valve  
Core Housing

**Passenger Tube Valves**  
**S13R** Length = 35mm - Diameter 11.5mm  
**S15R** Length = 35mm - Diameter 15.88mm

**AIR LIQUID CLAMP-IN TUBELESS VALVES**



**S5881** 39mm x 57mm - 65° Angle

**S5883** 44mm x 115mm - 90° Angle

**S5884** 39mm x 75mm - 65° Angle

**S5880** 48mm - Straight



**SNAP-IN TUBELESS VALVES**



**S412** Length = 33mm - Diameter 11.5mm

**S413** Length = 42mm - Diameter 11.5mm

**S414** Length = 49mm - Diameter 11.5mm

**S415** Length = 42mm - Diameter 15.9mm

**S8336-07**  
Tubeless Alcoa  
Valve - 7° Angle  
Length = 68mm

**RUBBER BASED AND SCREW IN SPUDS**



**S650197**  
Clamp-in Spud  
Tubeless Earth  
Moving Equipment  
Rim Hole 20.62mm

**REDUCING ADAPTORS LARGE TO STANDARD BORE**



**S1451B**  
Female Thread  
Fits Large Bore  
Valve Cap Threads  
12V1



**S1758**  
Male Thread  
Fits into Large Valve  
Core Threads

**AIR LIQUID FITTINGS**



**S5791C**  
Water Adaptor with Two  
Bushings for Cap Threads  
of Std Valves & Core housing  
Threads of Old Type Valves

**AIRLINE CHUCKS**



**S4660A**  
Sleeve Type Clip-on  
Air Chuck - Closed End  
Large Bore



**S5265**  
Sleeve Type Clip-on  
Air Chuck - Closed End  
Standard Bore

**LARGE BORE VALVE CAPS**



**S4659S**  
Hexagon Top



**S1450**  
Screwdriver Type



**S5998**  
Hex Cap  
Long Skirt - 14mm



**S6300**  
Screwdriver Type  
Metal with Seal



**S7960**  
Dome Type  
With Seal



**S7960A**  
Dome Type Long  
Skirt with Seal



**S660F**  
Plastic Cap  
Without Seal



**S1424G**  
Plastic Green Cap  
With Seal

**STANDARD BORE VALVE CAPS**

**STANDARD VALVE CORES**



**S5405V**  
Short Valve Core Heat Resisting

**LARGE BORE VALVE CORES**



**S6231**  
Short Valve  
Core Heat Resisting

**DIAL TYPE PRESSURE CHECK GAUGES (Re-Calibratable)**



Part.no	Description	Capacity
<b>S6299G</b>	Multi-Purpose Air Liquid Gauge	0 - 600 kPa
<b>S6296RJF</b>	Jumbo Gauge - Flexible	0 - 1200 kPa
<b>S6296RJR</b>	Jumbo Gauge - Rigid	0 - 1200 kPa
<b>S6296BTF</b>	Trucker Gauge - Flexible	0 - 1200 kPa
<b>S6294COMB</b>	Combination Jumbo/Trucker	0 - 1200 kPa
<b>S6295BM</b>	Master Gauge	0 - 1000 kPa
<b>S6297</b>	Off Road Gauge - 4x4	0 - 400 kPa
<b>S39002DF</b>	Mast'air with Dual Foot Chuck	0 - 1200 kPa
<b>S60226</b>	Digital Pressure Gauge	0.35 - 10 Bar
<b>S6293GLJF</b>	Pressure Gauge Glycerine Filled	0 - 1200 kPa

**S39002DF** Hold on  
**S39002** Clip on

**VALVE SERVICE TOOLS**

**TYRE SERVICE TOOLS**



**S2688C**

Valve Core Tool  
Plastic Handle



**S2688A**

Core Fitting Tool - Large & Std



**M47024**

Heavy Duty Awl



**M42620**

Inner Liner Scraper - 6"



**MS936**

Roller Ball  
Stitcher - 3mm



**S992RE**

Tubeless Valve Fitting Tool  
Flat Ribbed



**S31632**

Valve Core & Cap Tool



**M42500**

Flexible Blade Skiving Knife - 4"



**M42502**

Taper Point Knife - 4"



**S992A**

Tubeless Valve Fitting Tool  
Round Bar



**S1623**

Large Bore  
Valve Tool 4 in 1



**PCLCRT001**

Valve Standard  
Core Extractor



**M42509**

Extra Curve Sharp Point Knife



**M52702**

Heavy Duty Rubber Hammer T34



**AME15096**

Calcium Core Injector



**AME26140**

Liquid Tyre Balance  
945ml



**MBW  
MBY**

White Tyre Marking Chalk - 50/Box  
Yellow Tyre Marking Chalk - 50/Box



**MTHWP**

Wheel Weight Pliers - Deluxe

**TYRE TREAD DEPTH GAUGES**



**S5639**

Tread Depth  
Gauge - Trucks  
0 - 30mm



**S5640**

Deluxe Tread Depth  
Gauge - Trucks  
0 - 50mm



**M56457**

Tread Depth Gauge  
Earthmover

**CONTOUR CUP RASPS**



**SR21016** 50mm x 25mm x 16 grit

**SR21036** 50mm x 25mm x 36 grit



**SR2201**

Cup Rasp  
65.5mm x 15mm x 36 grit



**TCW-CUP RASPS**

**SR31516** 75mm x 38mm x 16 grit

**SR31536** 75mm x 38mm x 36 grit

**SR41516** 100mm x 38mm x 16 grit

**SR41536** 100mm x 38mm x 36 grit

**SOLID STEEL FLAT RASPS**



**SR5204** 50mm x 5mm x 16 grit

**SILVER GRIT FLARED  
CONTOUR WHEEL**



**SRH108** 63.5mm x 25mm x 230 grit

**SRH120** 75mm x 38mm x 230 grit

**SOLID STEEL ROUND FACE RASPS**



**SR5208** 50mm x 13mm x 16 grit

**SR5209** 50mm x 19mm x 36 grit

**SR2286**  
Rasp Adaptor 3/8"  
SAE x 6mm Drill



**SOX2**  
TAC Rasp  
64mm x 25mm

- Safety Seal for Passenger
- SSKAP** Complete Kit
- SSNA** Needle Only
- SSPS** Spiral Probe & Handle
- SSPN** Probe Only
- SSTA** Insert Tool & Handle
- SSRA** Plugs - 60 per Box
- SSL** Safety Seal Lube



**ORIGINAL  
SAFETY SEAL®**

Each Safety Seal Kit Contains:

- Spiral Faced Probe
- Needle Insertion Tool
- Safety Seal Lube & 60 Plugs
- 2 Razor Blades, Allen Key
- Replacement Needle & Set Screw



- Safety Seal For Trucks
- Complete Kit **SSKTP**
- Needle Only **SSNT**
- Spiral Probe & Handle **SSPT**
- Probe Only **SSPNT**
- Insert Tool & Handle **SSTT**
- Plugs - 30 per Box **SSRT**
- Heavy Equipment - **SSKHE**



**OFF ROAD KIT**

**SSATV**  
Needle & Plugs  
54

**MG38400** Passenger Tyre Lever - 400mm

**MG38500** Passenger Tyre Lever - 500mm

**MG39** Truck Lock Ring Tool

**MG28PU** Gedore - 4 Way Wheel Spanner - Car 17 x 19mm 21 x 22mm

**MG28CV** Gedore - 4 Way Wheel Spanner - LDV 19 x 20mm 24 x 27mm

**M52532** Kentool - 4 Way Wheel Spanner - Truck (Heavy Duty ) 32 x 38mm 21mm x 3/4" square

**MG28SRV** Gedore - 4 Way Wheel Spanner - Truck 24 x 27mm 32mm x 3/4" square

**M52297** Serpent - Tyre Demout Tool T2001

**MTQ45A** Truck Demount Tool

**MTQ48A** Truck Lock Ring Tool

**M52339 / MTQ23A** Truck Lock Ring Tool

**M52353**

Extra Heavy Duty Tubeless Truck Tyre Mount/Demount Tool  
T47A 52" 1" - Used in Pairs to Mount & Demount Truck, Agricultural & Industrial Tyres. Added Length and Thickness for Extra Heavy Duty use

**M52334**

Heavy Duty Lock Ring Tool - T48A 37" 3/4"  
For use on Multi-Piece Wheels - Especially Hub Type

**M52369**

T45A 37" 3/4" Standard Duty Tubeless Truck Tyre Mount / Demount Tool - Used in Pairs to Mount & Demount Truck, Agricultural & Industrial Tyres

**MWS**

Passenger & Truck Tyre Spreader

**M52376 / MTQ41A**

T41 Swan Neck 30" 7/8" Bead Breaking Tool

**M52545**

Gaither J1 Mount / Demount Tool for all 19.5" , 22.5" & 24.5" Tyres

**CLEVIS**

Easily Dismount Aluminum Wheels without Scratching - Protects all Tyres from Bead Damage

**M52364 / MTQ52**

Bead Breaker / Leverage Bar T52 Bead Tool 33" 7/8"

**M52380 / MTQ42A**

Forcing Tool for 5" Rims T42 Forcing Tool 30" 7/8"

**M52550**

Gaither Bead Saver System - Change Tubeless Truck Tyres Quickly without Bead Damage. Designed to Protect Beads & Reduce Truck Downtime - Complete Set Mounts & Demounts Tyres from 17.5" to 24.5"

Including all Wide Base Sizes  
Portable , Lightweight Carrying Case

**TYRE BEAD SEATER** One Piece Neoprene Tube for Mounting Hard-to-Seat Radial, Bias Belted & Conventional Tyres. As Tyre is Inflated, Lubricated Expander forms a Seal Between the Rim & the Tyre Allowing the Air Pressure to Force the Beads into the Wheel Rim Flange. Expander Compresses, then Automatically Eases Up & Off the Rim

**MPR22.5** Tyre Bead Seater for 22.5" Rims



**M52487**

Mount & Demount Tool - 2 Simple Tools do it all Works on Std & Super Single Duplex Tyres Mounts all Tubeless Tyres 17.5" thru 24.5" Demounts Tyre in 8 Seconds, Remount in 20 Seconds

**M52488**

TNT-100-1 Demounting Tool Only

**M52489**

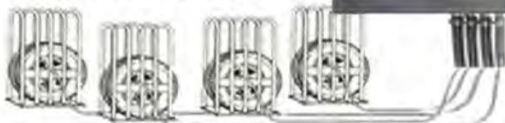
TNT-200M Mounting Tool Only

**PCLD12**

Preset Tyre Inflator - Wall Mount Digital Display , High Volume with Nitrogen Purge - Can Connect Single / Multiple Wheel Hose Assembly



Multi Wheel Hose Manifold Assembly (Shown here with Tyre Cages)



**MBK01** - 900MM Heavy Duty Impact Bead Knocker

**MBK02** - 1200MM Extra Heavy Duty Impact Bead Knocker



**ME-ZTOOL** Truck Demounting Kit

## O-RING SEALS FOR TUBELESS RIMS



- MOR20T** O-Ring Seal 20" x 0.26 Diameter
- MOR25T** O-Ring Seal 25" x 0.26 Diameter
- MOR325T** O-Ring Seal 25" x 0.375 Diameter
- MOR329T** O-Ring Seal 29" x 0.375 Diameter
- MOR333T** O-Ring Seal 33" x 0.375 Diameter
- MOR335T** O-Ring Seal 35" x 0.375 Diameter
- MOR345T** O-Ring Seal 45" x 0.375 Diameter
- MOR349T** O-Ring Seal 49" x 0.5 Diameter
- MOR451T** O-Ring Seal 51" x 0.5 Diameter
- MOR457T** O-Ring Seal 57" x 0.5 Diameter

## VULCANIZING CEMENT

**C4072** Buff-Ezy 1l



- M94391** 237ml
- CS500** 500ml
- CS250** 250ml

## BIAS PATCHES



PART #	DESCRIPTION
<b>CCP02</b>	Xply Repair 100 x 100mm 10 / Box
<b>CCP03</b>	Xply Repair 120 x 120mm 10 / Box
<b>CCP04</b>	Xply Repair 160 x 160mm 10 / Box
<b>CCP05</b>	Xply Repair 180 x 180mm 10 / Box
<b>CCP06</b>	Xply Repair 200 x 200mm 10 / Box

## ROUND TUBE PATCHES



PART #	DESCRIPTION
<b>CR01</b>	Tube Patch 40mm 30 / Box
<b>CR02</b>	Tube Patch 50mm 30 / Box
<b>CR03</b>	Tube Patch 60mm 30 / Box
<b>CR04</b>	Tube Patch 80mm 30 / Box
<b>CR05</b>	Tube Patch 100mm 10 / Box
<b>CR06</b>	Tube Patch 120mm 10 / Box

## CHECKPOINTS



PART NUMBER	DESCRIPTION
<b>CP19Y</b>	Checkpoint 19mm Yellow
<b>CP21Y</b>	Checkpoint 21mm Yellow
<b>CP23Y</b>	Checkpoint 23mm Yellow
<b>CP24Y</b>	Checkpoint 24mm Yellow
<b>CP27Y</b>	Checkpoint 27mm Yellow
<b>CP28Y</b>	Checkpoint 28mm Yellow
<b>CP29Y</b>	Checkpoint 29mm Yellow
<b>CP30LB</b>	Checkpoint 30mm Light Blue
<b>CP32L</b>	Checkpoint 32mm Lime
<b>CP33LY</b>	Checkpoint 33mm Light Yellow
<b>CP34Y</b>	Checkpoint 34mm Yellow
<b>CP35Y</b>	Checkpoint 35mm Yellow
<b>CP36Y</b>	Checkpoint 36mm Yellow
<b>CP38P</b>	Checkpoint 38mm Purple
<b>CP41O</b>	Checkpoint 41mm Orange
<b>CP45Y</b>	Checkpoint 45mm Yellow
<b>CP46Y</b>	Checkpoint 46mm Yellow

## WHEEL WEIGHTS



- QW005 - QW170** Std Wheel Weights 5g - 170g
- QM005 - QM100** Mag Wheel Weights 5g - 100g
- QTM010 - QTM040** Toyota Mag Wheel Weights 10g - 40g
- QSLIM / WST** Slim Line Stick on Wheel Weights
- QWST** Std Stick on 50 x 60g/strip
- QWSTJ** Jumbo Stick on 25 x 120g/strip
- QLT030 - QLT140** Light Truck Wheel Weights 30g - 140g
- QTLT085 - QTLT400** Tubeless Truck Wheel Weights 85g x 400g
- QTR085 - QTR400** Truck Wheel Weights 85g - 400g

## SHIMS



- QSH050 - QSH500** Std Shims 12mm - 0.5mm to 5mm
- QSHL050 - QSHL500** Long Shims 14mm - 0.5mm to 5mm
- QSHT100 - QSHT300** Truck Shims 20mm - 1mm to 3mm

## RADIAL PATCHES



PART #	DESCRIPTION
<b>CRP10</b>	Radial Repair 40 x 70mm 20 / Box
<b>CRP12</b>	Radial Repair 65 x 110mm 10 / Box
<b>CRP14</b>	Radial Repair 120 x 70mm 10 / Box
<b>CRP20</b>	Radial Repair 100 x 70mm 10 / Box
<b>CRP22</b>	Radial Repair 180 x 85mm 10 / Box
<b>CRP24</b>	Radial Repair 210 x 85mm 10 / Box

## RUBBER BLOCKS AND WEDGE



PART NUMBER	DESCRIPTION
<b>MPR120RB</b>	Rubber Block - 120 x 200 x 150mm
<b>MPR80RB</b>	Rubber Block - 80 x 170 x 105mm
<b>MPR60RB</b>	Rubber Block - 60 x 170 x 100mm
<b>MPR40RB</b>	Rubber Block - 40 x 180 x 105mm
<b>MPRWEDG</b>	Rubber Wedge / Chock 100 x 210 x 100mm
<b>TRN372</b>	Metal Wheel Chock 326 x 204 x 161mm
<b>RHINOTC1</b>	Steel Truck Wheel Chock 200 x 430 x 200

## TYRE LIQUIDS

PART NUMBER	DESCRIPTION
<b>MBE20</b>	Soft Soap 20Kg - OTR
<b>MBTP05</b>	Black Tyre Paint - 5L
<b>MBPT20</b>	Black Tyre Paint - 25L
<b>MTG05</b>	Tyregel - 5L
<b>MTG10</b>	Tyregel - 10L
<b>MTG25</b>	Tyregel - 25L

## 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
BC12M120Z2	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

The GB Series Flex-Hone tools are designed for bore diameters from 3/4" thru 5 1/2" & are 13 1/2" OAL. These standard duty Flex-Hones tools are commonly used to finish & deglaze block cylinders or liners & represent a tremendous value on a cost per cylinder basis. Additional abrasive types & grits are available.

➔ **GB Flex-Hone®**



Part Number	Description	Part Number	Description
GB83M60AO	Flex Hone GB 83mm 60AO	GB89M24	Flex Hone GB 89mm 240SC
GB83M18	Flex Hone GB 83mm 180SC	GB89M32	Flex Hone GB 89mm 320SC
GB83M24	Flex Hone GB 83mm 240SC	GB95M18	Flex Hone GB 95mm 180SC
GB89M12	Flex Hone GB 89mm 120SC	GB95M24	Flex Hone GB 95mm 240SC
GB89M18	Flex Hone GB 89mm 180SC	GB105M12	Flex Hone GB 105mm 120SC
		GB105M18	Flex Hone GB 105mm 180SC
		GB105M24	Flex Hone GB 105mm 240SC
		GB118M18	Flex Hone GB 118mm 180SC
		GB118M24	Flex Hone GB 118mm 240SC

➔ **For Rotors**



Flex-Hone for Rotors utilizes the patented Flex-Hone technology to produce the ideal surface finish on automotive & motorcycle disc brake rotors, automotive fly wheels & clutch plates. More rotors per hone than abrasive pads. Benefits: Lowers Harmonic Vibrations, Produces a non-directional pattern, Ideal for new & re-turned rotors & fly wheels

Part Number	Description
RMFH120Z25	Flex Hone for Brake Disc - Medium
RMFH240Z25	Flex Hone for Brake Disc - Fine
RMFH60Z25	Flex Hone for Brake Disc - Course

➔ **Series 89 - Condenser Tube Brushes**



Four wire single spiral with or without pipe nipple. Recommended for removing soft deposits (mud, algae, etc.) in straight tubes. Available in Stainless Steel, Carbon Steel, 6-12 Nylon & Brass. 3/16" - 18 I.D. threaded nipple on 1/2" diameter. \* 1/4" Pipe Nipple on 3/8" diameter & larger. \* Pipe nipples will be attached unless otherwise specified.

Part Number	Description
89C2000	89-2000.012CS LV
89C2500	Carbon Steel Tube 2 1/2"
89C500	89-C500.008CS LV

➔ **Oil Line & Gallery**



You can't have a clean engine with just a hot tank & an air hose with water. Our oil line & gallery brushes provide the mechanical agitation required to remove the old metal chips, grinding compounds, sludge & dirt from passages that can't be seen - the oil passageways. Available in carbon steel or high-density 6 - 12 nylon.

Part Number	Description
001	No 1 Nylon Brush 6mm x 250mm
002	No 2 Nylon Brush 8mm x 300mm
003	No 3 Nylon Brush 10mm x 300mm
004	No 4 Nylon Brush 13mm x 300mm
005	No 5 Nylon Brush 16mm x 850mm
007	No 7 Nylon Brush 19mm x 850mm
008	No 8 Nylon Brush 19mm x 1000mm
041	No 41 Nylon Brush 13mm x 300mm
042	No 42 Nylon Brush 13mm x 850mm
049C	Kit Carbon
693NS1	693-NS 1" Main OG Brush
693NS34	693-NS 3/4" Main OG Brush
693NS58	693-NS 5/8" Main OG Brush
693NS78	693-NS 7/8" Main OG Brush

➔ **Series 84 - Thru Holes**



Available in sizes from 1/8" thru 3" diameter, these ring handle tube brushes are made in carbon steel, nylon, brass or natural filaments. Ideal for hand cleaning applications to remove chips, oil, dirt, rust & corrosion from inside holes. The ring handle may be cut off to allow the brush to be power driven.

Part Number	Description
84N125	LV Nylon 84-N125 /.005"
84N1250	LV Nylon 84-N1250 /.002"
84N14M700	Nylon Tube Brush OAL
84N1625	Nylon Tube Brush 84-N1625
84N1750	Nylon Tube Brush 84-N1750
84N187	Nylon Tube Brush 84-N187
84N2250	Nylon Tube Brush 84-N2250
84N2500	Nylon Tube Brush 84-N2500
84N250	Nylon Tube Brush 84-N250
84N312	Nylon Tube Brush 84-N312
84N34M200	Nylon Brush 84-N34M200mm
84N375	Nylon Tube Brush .010LV
84N500	Nylon Tube Brush
84N625	Nylon Tube Brush 84-N625
84N750	Nylon Tube Brush 84-N750
84N875	Nylon Tube Brush LV
84S187	Tube Brush 84-S187 /.004SS
84S250	Tube Brush 84-S250
84S312	Tube Brush 84-S312 /.004SS
84S437	Tube Brush 84-S437 /.004SS
84S500	Tube Brush 84-S500 /.005SS

➔ **Medium Face - Standard Twist**



Standard Twist consists of tufts twisted approximately 3/4 of their length to promote a more rugged & aggressive cutting action. The tufts absorb vibration which helps absorb bending & reduces wire fatigue. Used where heavy brushing action is required.

Part Number	Description
BTS3S14	Knot Wheel BTS-3S.014 1/2 - 3/4 AH
BTS614	Knot Wheel BTS 6/.014 3/8 - 1/2
BTS814F	Knot Wheel BTS 8/.014 3/8
BTS814F3/4	Knot Wheel BTS 8/.014 3/4

➔ **PW34**



Available in a 3/4" width, this economy parts wash brush is made with polypropylene filament crimped into a non-flow thru aluminum handle which includes a scraper handle.

Part Number	Description
PW35	Cleanflo Brush
PW34	Parts Washer Brush 3/4"

## Series 83

The Series 83 brushes are available in sizes ¼" to 2". The brushes are cut for power & are great general purpose tube brushes that can be used for thread deburring, tube cleaning, de-scaling & rust removal. These brushes can be made with carbon steel, stainless steel, brass or nylon filament to provide a solution to a variety of cleaning applications.



Part Number	Description
83C1000	Thread Clean Brush .008
83C1250	Thread Clean Brush 83-C1250
83C1750	Thread Clean Brush 83-C1750
83C2000	Thread Clean Brush 83-C2000
83C375	Thread Clean Brush 83-C375
83C500	Thread Clean Brush 83-C500
83C562	Thread Clean Brush 83-C562
83C625	Thread Clean Brush 83-C625
83C750	Thread Clean Brush 83-C750
83S312	Thread Clean Brush 83-S312
83S375	Thread Clean Brush 83-S375
83S500	Thread Clean Brush 83-S500
83S562	Thread Clean Brush 83-S562
83S625	Thread Clean Brush 83-S625
83S875	Thread Clean Brush 83-S875

## Series 85 - Closed Holes

Available in sizes from ¼" thru 3" diameters, these brushes are made in carbon steel, stainless steel, nylon, brass or natural filaments. Usually cut for power, they are ideal for cleaning applications to remove chips, oil, dirt, rust & corrosion from inside holes. The brushes are designed for bottom end applications and can have a ring or plastic handle added for hand applications.



Part Number	Description
85N1000	Nylon Tube Brush Closed End 85-N1000
85N219	Nylon Tube Brush Closed End 85-N219
85N3000	Nylon Tube Brush Closed End 85-N3000
85N500	Nylon Tube Brush Closed End 85-N500
85S250	Tube Brush Close Hole 85-S250
85S281	Tube Brush Close Hole 85-S281 /.004
85S312	Tube Brush Close Hole 85-S312
85S375	Tube Brush Close Hole 85-S375
85S500	Tube Brush Close Hole 85-S500
85S625	Tube Brush Close Hole
85S687	Tube Brush Close Hole 85-S687
85S750	Tube Brush Close Hole 85-S750
85S812	Tube Brush Close Hole 85-S812
85S937	End Brush Close 85-S937 / 010SS

## Chip Removal



B200 Chip Removal Brush

## Series 92 Adaptors



92N344	Nylon Brush
92N437	Nylon Brush
92N500	Nylon Brush

## Oil Line & Gallery Kit



Part Number	Description
OG	Oil Gallery Kit
ACID2	Acid Brush 144/Box

Our 1 E Kit contains all the popular diameters for complete oil line & gallery cleaning. 29 brushes in all represent a tremendous savings compared to purchasing all the brushes separately.

## Curved Handle



Part Number	Description
B741SS	Hand Scratch Brush B-741
B840	Hand Scratch Brush B-840

Available in ¼", 1" & 1½" widths, these handy, hardwood block brushes are indispensable for many hand brushing jobs in plating processes & fine metal finishing work. These brushes are produced in carbon steel, stainless steel, bronze, brass, tampico or nylon filament. Image is representative of product & may not match actual product.

## Toothbrush



Part Number	Description
93AB250	Hand Scratch Brush 93-AB 250
93AB375	Hand Scratch Brush 93-AB 375
93AB500	Hand Scratch Brush 93-AB 500
93AN250	Hand Scratch Brush 93-AN 250
93AN375	Hand Scratch Brush 93-AN 375
93AN500	Hand Scratch Brush 93-AN 500
93AP	Hand Scratch Brush 93-AP
93APB	Hand Scratch Brush 93-APB
93AS375	Hand Scratch Brush 93-AS 375
93AS500	Hand Scratch Brush 93-AS 500

Available in ¼", ¾" & ½" widths, these tooth brush style brushes are made in stainless steel, brass, nylon & natural filaments. The brushes can be staple set in wood or plastic or molded in plastic. Ideal for hand deburring, removal of rust or corrosion & thread cleaning.

## Standard



Part Number	Description
BNS1014	Solid End Brush BNS10 /.014
BNS10S20	Solid End Brush BNS-10S.020SS
BNS414	Solid End Brush BNS4 /.014
BNS614	Solid End Brush BNS6 /.014

Available in ½", ¾" & 1" cup body diameters. Ideal for a variety of general uses, including surface blending, cleaning & polishing; can be used on CNC equipment.

## With Cup Protector



Part Number	Description
BNS6SC14	BNS-6SC.014SS W/Cup Protector

Available in ½", ¾" & 1" cup body diameter. The coated cup protector eliminates marring & scratching the adjoining surface in deep well applications.

## Banded



Part Number	Description
BNS10T10	Banded Solid End BNS10T /0104
BNS10T14	Banded Solid End BNS10T /014

Available in ½", ¾" & 1" cup body diameter. Banded for added aggressiveness, less flare & more control of the filament tips.

## Small Diameter Cup



Part Number	Description
BNH16118	Cup Brush BNH-16 /.0118

Available in 1¼" & 2¼" size cup diameters. Versatile economy cup brush with a ¼" shaft can be made with carbon steel or stainless steel filament.

## ⊖ Metal Adaptors



For use with BDH, BDA, TW & NY, these metal wheel brush adaptors are designed to adapt our standard 2" diameter arbor hole to standard arbor shaft sizes including 1/2", 3/8", 1/2", 3/4", 1" 1/4" & 1 1/2". Ordered in pairs.

Part Number	Description
AL1	Metal Adaptor AL 1"
AL114	Metal Adaptor 2 1/4"
AL34	Metal Adaptor 2 3/4" AH
AL5812	Metal Adaptor 2 5/8" 1/2"

## ⊖ Heavy Duty - Wide Face



Wide brushing face. Low flexibility - fast cutting action - long life. Highest quality oil tempered crimped wire. Heavily filled Uniform brushing action.

Part Number	Description
BDH1014	Wire Wheel BDA10-.014 2"
BDH814	Wire Wheel BDA8-.014 2" AH

## ⊖ Banded



Available in 1/2", 3/4" & 1" cup body diameters. Banded for added aggressiveness, less flare & more precise control of the filament tips.

Part Number	Description
BNH1214	Knot Type End BNH-12 /.014
BNH1220	Knot Type End BNH-12 /.020
BNH12S20	Knot Type End BNH-12S/.020S

## ⊖ Abrasive Nylon Copper Centers



1" to 4" diameters Abrasive nylon is excellent for light deburring, edge blending & general surface finishing. Copper Center wheel brushes may be gang mounted & come in a variety of arbor hole sizes. Stocked abrasive is 500AO or 600AO depending on diameter. Other grits & abrasives are available.

Part Number	Description
CY2180SC	Abrasive Nylon Wheel 1/2" AH

## ⊖ Wheel Brush



Available in 1 1/2", 2", 3" & 6" diameters, encapsulated wheel brushes provide maximum aggressiveness. Recommended for removing paint & coatings, bussbar insulation removal & hose skiving.

Part Number	Description
CE214	Copper-Center Wheel CE2.34"

## ⊖ Wheel Brushes



6" to 10" diameters. Abrasive nylon is excellent for light deburring, edge blending & general surface finishing. Abrasive nylon wheel brushes are safe, non-reactive & offer an excellent alternative to traditional steel filament brushes for extrusion cut-off burrs & mount on most pedestal grinders. Please consult the abrasive chart for other grits & abrasive types.

Part Number	Description
NY618	Abrasive Wheel Brush NY6 180SC
NY8320SC	Abrasive Wheel Brush NY8 320SC

## ⊖ Standard Duty - Medium Face



Premier of medium face wire wheels. Absolute lowest end-of-service cost Maximum desirable wire points at brush face Highest quality oil tempered crimped wire - Low flexibility - fast cutting action - long life - Uniform brushing action.

Part Number	Description
BDA614	Wire Wheel BDA6-.014 2" AH
BDA814	Wire Wheel BDA8-.014 2" AH
BDA1014	Wire Wheel BDA10-.014 2" AH

## ⊖ Standard

Constructed on 1/4" diameter stems. Eliminates the need for separate adaptors when installing in chucks or collects of portable tools or drill presses. These brushes are ideal for pipe cleaning, carbon removal & light rust & scale removal.



Part Number	Description
BMC13S06	Man. Mounted BMC-13S-.006 - 35mm
BMC14010	Man. Mounted BMC-14-.010 - 38mm
BMC20S10	Man. Mounted BMC-20S-.010 - 44mm

## ⊖ Crimped Wire - Light Duty



Available in diameters from 3" to 6", cup brushes are recommended for cleaning of large metal surfaces, removal of burrs, weld scale & rust, edge blending & surface prep.

Crimped wire cup brushes are made in carbon steel & have a 3/4" - 11 arbor hole for attachment to grinding tools.

Part Number	Description
BUC414	Cup Brush BUC-4.014

## ⊖ Standard

Available in 1/2", 3/4" & 1" cup body diameters. More aggressive than solid end brushes. Uses include removing carbon from heads & porting applications.



Part Number	Description
BNH614	Knot Type End Brush BNH6 /.014

## ⊖ Flare

Available in 1 1/2" thru 3" diameters. The brushes have an integral 3/4" shank which makes them ideal for use in automated & CNC equipment. Flare face allows finishing to shoulders & recesses.



Part Number	Description
BNF1008	Circ End Brush BNF-10 /.008
BNF1020	Circ End Brush BNF-10 /.020
BNF1208	Circ End Brush BNF-12 /.008

## ⊖ Flare Brushes

The Patented DEB-3, 3x, 4 & 4x Flare Brushes have a cobalt base hard facing which is flame-coated to the ends of stainless steel aircraft cable. This brush is ideal for removing deposits & contaminants from inside of pipes as well as weld slag removal. See product specifications for more information.



Part Number	Description
DEB3X	Prong Flare 3 x 5"

## ⊖ Series 86 - Tufted End Brush

Used in clean-room operations. Made with loop handles & stainless steel or nylon fill. Tied tufts prevent scratches by the stem ends.



Part Number	Description
86-S8MM	8mm End Brush Loop Handle

