



COMPANY PROFILE

Since 2000 , HPMM has been always concentrating on providing high quality lubrication system and equipments for customers from all over the world.

With the commitment to provide innovative products by high standard, HPMM has achieved good reputation in the industry as a leading manufacture in designing and producing cost-effective lubrication and fluid management system . Meanwhile , we are so proud of owning the most knowledgeable service and technique department of China.

Our professional and experienced working team is always prepared to serve you, we are looking forward to building win-win cooperation relationship with worldwide customers.





OUR COMPANY HAS PASSED **ISO 9001**



MOST OF OUR PRODUCTS ARE WITH **CE** CERTIFICATE





New oil management system IRD (Industrial research and development) opens the new page of managing fluid distribution. A touch screen PLC makes your life earlier through the software in your computer:

- Register all the operations;
- Check the delivery detail.
- Check and manage the stock of fluid;
- Printing operation journal;
- Data access by excel file, convenient to analyze.



Oil Management System



DISTRIBUTION POINTS



WORKSHOP EQUIPMENTS



1. TANK STORAGE PLACE

The build of tank storage place should abide by the rules of oil storage, with clean and secure environment, tanks should be equipped with oil draining pan or with double skin intensity according to ISO-14001 norm:

- 1 tank 1500 liters double skin for engine oil 1(white color)
- 1 tank 1500 liters double skin for engine oil 2(white color)
- 1 tank 1500 liters double skin for waste oil (green color)
- 1 clean oil system (full automatic waste oil changer (green color)

This place could also be equipped with anti-freeze windscreen washer fluid drum and gear box oil drum according to the working need of the workshop.

2. FLUID LINES (black, green, grey and blue)

- Oil line: connected with oil tank and distributions points;
- 1 hose line R1AT 3/4" for engine oil 1 (black color)
- 1 hose line R1AT 3/4" for engine oil 2 (black color)
- 1 hose line R1AT 3/4" for waste oil 1 (green color)

- Computer network: Connect to GPV box, transfer data to HRRILUBE software:

1 computer wire RS 485 (WIFI is optional)

- Air line: Connect to air compressor, provide air to reels of distribution points.

3. OIL MANAGEMENT SYSTEM

Each touch screen box could manage 4 reels by below steps:

- Only authorized people to input the code for oil distribution;
- Input order repair number
- Choose the correct distribution point (1/2/3/4)
- Preset the required oil quantity
- Save the data

4. DISTRIBUTION POINTS

They are used for filling up oil tank, checking oil distribution and oil suction draining.

- 1 hose reel for engine oil 1, with oil meter gun and drop tray
- 1 hose reel for waste oil, with waste oil suction gun and drop tray
- 1 hose reel for air

5. GPV BOX

Physically operate to check the flow rate and stop the operation when the preset quantity is reached.

6. WORKSHOP REPAIR DEVICE

Oil draining unit, brakes bleeder, oil drainer/ oil changer are the absolute necessary equipments in modern workshops, they are precious to make the life easier and better for environment protection.



MOBILE WASTE OIL TANK SERIES

- | | |
|----|--|
| 09 | HC 2080 MOBILE WASTE OIL SUCTION
HC 2081 MOBILE WASTE OIL DRAINER |
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HW31026 MOBILE PRESSURE SPRAYER |
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HW51026 MOBILE PRESSURE SPRAYER |
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HG32026 MOBILE OIL DISPENSER |
| 21 | HG53026 MOBILE OIL DISPENSER
HG53026A MOBILE OIL DISPENSER |

AIR OPERATED OIL & GREASE PUMPS

- | | |
|----|--|
| 24 | OIL PUMP PRESSURE RATE:1:1
72011270 1:1 OIL PUMP WALL MOUNTING UNIT |
| 25 | OIL PUMP PRESSURE RATE: 3:1
OIL PUMP PRESSURE RATE: 5:1 |
| 26 | MOBILE UNIT FOR 20 TO 60 L DRUM
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| 27 | MOBILE UNIT FOR 180 TO 200 L DRUM WITH HOSE REEL |
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| 29 | 61501480 50:1 Mobile Grease Pump Unit
61501940 50:1 Mobile Grease Pump Unit |
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80001050 STEEL DRUM TROLLEY |
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80001200 STEEL DRUM TROLLEY |

INDUSTRIAL HOSE REEL

- | | |
|----|--|
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ABS DRUM SPRING DRIVEN HOSE REEL STAINLESS STEEL FRAME
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INDUSTRIAL HOSE REEL

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OIL EXCHANGERS



DIGITAL METER OIL CONTROL VALVE



INDUSTRIAL HOSE REEL



AIR OPERATED OIL & GREASE PUMPS



MOBILE WASTE OIL TANK SERIES

The air-operated suction is ideal for engine oil change of any motor vehicle, are carried out by an air operated vacuum pump. Using a probe or connector inserted into the oil level gauge to suck waste oil. Once depressurized, It can work autonomously anywhere. It does not require continuous connection to the compressed air system.



MOBILE WASTE OIL TANK SERIES



MOBILE WASTE
OIL DRAINER



FEATURES

- Strong vacuum extraction system, fast, safe and easy extract used oil and other fluids out from vehicles.
- Suitable for cars, boats, motorcycles and small engines.
- Equipped with steel probe holder which never broken provide safe protection for suction probes.
- Many diameter of probes (included 5mm, 6mm, 7mm) made by copper and flexible PVC.
- Dia. 5mm probe and different color probes are optional. Dia. 5mm probe can provide a faster suction speed due to over-thin thickness of the PVC material.
- Power from air compressor, safe and easy operation.

HC2080 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40~80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia. @length)	1/4"*1.5m
> Draining Hose(dia. @length)	1/4"*1.5m
> Collection Bowl Capacity(Liter/US Gallon)	/
> Collection Bowl Diameter(mm)	/
> Maximum Height(mm)	/
> Min Height(mm)	/
> Optional Extension Funnel Diameter(mm)	/
> N.W./G.W.(kgs)	16/18
> Dimension(mm)	495*420*890



FEATURES

- Suitable for cars, boats, motorcycles and small engines.
- Power from air compressor, safe and easy operation.

HC2081 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40~80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia. @length)	1/4"*1.5m
> Draining Hose(dia. @length)	1/4"*1.5m
> Collection Bowl Capacity(Liter/US Gallon)	20/5.3
> Collection Bowl Diameter(mm)	420
> Maximum Height(mm)	1680
> Min Height(mm)	1100
> Optional Extension Funnel Diameter(mm)	570
> N.W./G.W.(kgs)	20/22
> Dimension(mm)	495*420*890

FEATURES

- Strong vacuum extraction system, fast, safe and easy extract used oil and other fluids out from vehicles.
- Suitable for cars, boats, motorcycles and small engines.
- Equipped with steel probe holder which never broken provide safe protection for suction probes.
- Many diameter of probes (included 5mm, 6mm, 7mm) made by copper and flexible PVC.
- Dia. 5mm probe and different color probes are optional. Dia. 5mm probe can provide a faster suction speed due to over-thin thickness of the PVC material.
- Power from air compressor, safe and easy operation.

HC2085 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40~80
> Suction Speed@Probe dia. Ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	1/4"*1.5m
> Draining Hose(dia.@length)	1/4"*1.5m
> Collection Bowl Capacity(Liter/US Gallon)	20/5.3
> Collection Bowl Diameter(mm)	/
> Maximum Height(mm)	/
> Min Height(mm)	/
> Optional Extension Funnel Diameter(mm)	/
> N.W./G.W.(kgs)	21.5/23.5
> Dimension(mm)	495*420*890



FEATURES

- Exclusive patented self-exploding-protection device
- Be equipped with a transparent chamber to observe the waste oil before extract into the reservoir.
- Be equipped with a ball valve for the oil tray to inspect waste oil enter the reservoir.

HC2090 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40~80
> Suction Speed@Probe dia. Ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	1/4"*1.5m
> Draining Hose(dia.@length)	1/4"*1.5m
> Collection Bowl Capacity(Liter/US Gallon)	/
> Collection Bowl Diameter(mm)	/
> Maximum Height(mm)	/
> Min Height(mm)	/
> Optional Extension Funnel Diameter(mm)	/
> N.W./G.W.(kgs)	20/22.5
> Dimension(mm)	495*420*890/285*285*540





FEATURES

- Exclusive patented self-explosion-protection device
- With a special handle bar make the tray easy up and down
- Be equipped with a transparent chamber to observe the waste oil before extract into the reservoir.
- Be equipped with a ball valve for the oil tray to inspect waste oil enter the reservoir.

HC2097 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40-80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	1/4"*1.5m
> Draining Hose(dia.@length)	1/4"*1.5m
> Collection Bowl Capacity(Liter/US Gallon)	20/5.3
> Collection Bowl Diameter(mm)	420
> Maximum Height(mm)	1680
> Min Height(mm)	1100
> Optional Extension Funnel Diameter(mm)	570
> N.W./G.W.(kgs)	23/25.5
> Dimension(mm)	495*420*890/285*285*540

BASIC 20 SERIES FEATURE: NEW UPGRADED DESIGN

Modular cylinder

New cylinder adopt integrated transparent design, with metal gland seal, can endure 95-100℃ temperature. Corrosion resistant, easy to clean.



Vacuum generator

With more smart and beautiful design, integrated with modular cylinder, pressure meter can be rotated by 360°. (Add three protection holders on new HC-2085)



Tank

Adopt advanced and complicated welding technology, more beautiful than old tank.



FEATURES

- Strong vacuum extraction system, fast, safe and easy extract used oil and other fluids out from vehicles.
- Suitable for cars, boats, motorcycles and small engines.
- Equipped with steel probe holder which never broken provide safe protection for suction probes.
- Many diameter of probes (included 5mm, 6mm, 7mm) made by copper and flexible PVC.
- Dia. 5mm probe and different color probes are optional. Dia. 5mm probe can provide a faster suction speed due to over-thin thickness of the PVC material.
- Power from air compressor, safe and easy operation.

HC2180 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40-80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	1/4" * 1.5m
> Draining Hose(dia.@length)	1/4" * 1.5m
> Collection Bowl Capacity(Liter/US Gallon)	/
> Collection Bowl Diameter(mm)	/
> Maximum Height(mm)	/
> Min Height(mm)	/
> Optional Extension Funnel Diameter(mm)	/
> N.W./G.W.(kgs)	16/18
> Dimension(mm)	495 * 420 * 890



FEATURES

- Suitable for cars, boats, motorcycles and small engines.
- Power from air compressor, safe and easy operation.

HC2181 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40-80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	
> Draining Hose(dia.@length)	1/4" * 1.5m
> Collection Bowl Capacity(Liter/US Gallon)	20/5.3
> Collection Bowl Diameter(mm)	420
> Maximum Height(mm)	1680
> Min Height(mm)	1100
> Optional Extension Funnel Diameter(mm)	570
> N.W./G.W.(kgs)	20/22
> Dimension(mm)	495 * 420 * 890





FEATURES

- Strong vacuum extraction system, fast, safe and easy extract used oil and other fluids out from vehicles.
- Suitable for cars, boats, motorcycles and small engines.
- Equipped with steel probe holder which never broken provide safe protection for suction probes.
- Many diameter of probes (included 5mm, 6mm, 7mm) made by copper and flexible PVC.
- Dia. 5mm probe and different color probes are optional. Dia. 5mm probe can provide a faster suction speed due to over-thin thickness of the PVC material.
- Power from air compressor, safe and easy operation.

HC2185 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40-80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia. @length)	1/4" * 1.5m
> Draining Hose(dia. @length)	1/4" * 1.5m
> Collection Bowl Capacity(Liter/US Gallon)	20/5.3
> Collection Bowl Diameter(mm)	/
> Maximum Height(mm)	/
> Min Height(mm)	/
> Optional Extension Funnel Diameter(mm)	/
> N.W./G.W.(kgs)	21.5/23.5
> Dimension(mm)	495 * 420 * 890



FEATURES

- Exclusive patented self-explosion-protection device
- With a special handle bar make the tray easy up and down
- Be equipped with a transparent chamber to observe the waste oil before extract into the reservoir.
- Be equipped with a ball valve for the oil tray to inspect waste oil enter the reservoir.

HC2190 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40-80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia. @length)	1/4" * 1.5m
> Draining Hose(dia. @length)	1/4" * 1.5m
> Collection Bowl Capacity(Liter/US Gallon)	/
> Collection Bowl Diameter(mm)	/
> Maximum Height(mm)	/
> Min Height(mm)	/
> Optional Extension Funnel Diameter(mm)	/
> N.W./G.W.(kgs)	20/22.5
> Dimension(mm)	495 * 420 * 890/285 * 285 * 540

FEATURES

- Exclusive patented self-explosion-protection device
- Be equipped with a transparent chamber to observe the waste oil before extract into the reservoir.
- Be equipped with a ball valve for the oil tray to inspect waste oil enter the reservoir.

HC2197 PARAMETERS

> Tank capacity(Liter/US Gallon)	80/21
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40~80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	1/4"*1.5m
> Draining Hose(dia.@length)	1/4"*1.5m
> Collection Bowl Capacity(Liter/US Gallon)	20/5.3
> Collection Bowl Diameter(mm)	420
> Maximum Height(mm)	1680
> Min Height(mm)	1100
> Optional Extension Funnel Diameter(mm)	570
> N.W./G.W.(kgs)	23/25.5
> Dimension(mm)	495*420*890/285*285*540



NEW UTILITY 21 SERIES FEATURES:

New extension tray design

Special connection design of the extension tray, easy to pack and avoid oil leakage. Plastic material saves cost as well.



Modular cylinder and base

Transparent modular cylinder, with special material, can endure 95–100°C hot oil. Adopt integrated design base, almost without leakage sources.



Special design valve

New structure design valve can better avoid cylinder explosive in case of wrong operation, higher pressure inside the cylinder, more difficult to open the valve.



Special liquid level tube design

Equipped with a special design protection device to protect the liquid level tube from cracking broken, and easy to clean.

Casters

21 series casters are improved from old 20 series, with durable material and bracket.



New tank design

With high welding technique, the convex design effectively improves the force of impact and strength.

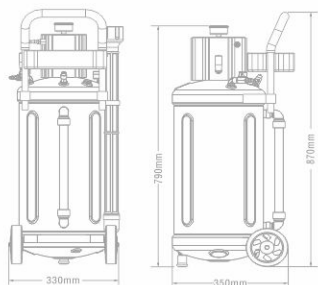


FEATURES

- High performance and low noise vacuum pump
- Two reinforced 5" wheel
- Complete probes and connectors kit with holder for probes
- Includes a safety valve, to avoid overpressure 1 bar

HC3026 PARAMETERS

> Tank capacity(Liter/US Gallon)	30/8
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40-80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	1/4" * 1.5m
> Draining Hose(dia.@length)	1/4" * 1.5m
> N.W./G.W.(kgs)	13/14.5
> Dimension(mm)	370*355*920



The air-operated suction is ideal for engine oil change of any motor vehicle, are carried out by an air operated vacuum pump. Using a probe or connector to suck waste oil, Once depressurized. It can work autonomously anywhere. It does not require continuous connection to the compressed air system.



SET OF PROBES AND CONNECTOR

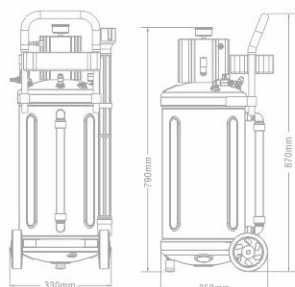
- PROBE DIA 5X700MM FLEXIBLE
- PROBE DIA 5X700MM MALLEABLE METAL
- PROBE DIA 6X700MM FLEXIBLE
- PROBE DIA 6X700MM MALLEABLE METAL
- PROBE DIA 7X1000MM FLEXIBLE
- PROBE DIA 8X700MM FLEXIBLE
- CONNECTOR FOR PROBES (BMW)
- CONNECTOR FOR PROBES (VOLKSWAGEN)
- CONNECTOR FOR PROBES (CITROEN)
- PROBE CONTAINER
- PROBE CONTAINER CUP

FEATURES

Stainless Steel Mobile Waste Oil Suction HC5026, Make from 304 stainless steel for extra strength and durability

HC5026 PARAMETERS

> Tank capacity(Liter/US Gallon)	30/8
> Air Inlet Pressure(bar/psi)	8 ~ 10/114 ~ 145
> Air Inlet Connection(inch)	1/4"
> Vacuum Degree(Mpa)	0 ~ 0.1
> Air Pressure for Oil Discharge(bar/psi)	0.7 ~ 1/10 ~ 14
> Oil Temperature Range(°C)	40-80
> Suction Speed@Probe dia. ø8 & Oil 60 °C(Liter/m/US Gallon/m)	6.5/1.72
> Suction Hose(dia.@length)	1/4" * 1.5m
> Draining Hose(dia.@length)	1/4" * 1.5m
> N.W./G.W.(kgs)	12/14.8
> Dimension(mm)	370*355*920



The air-operated suction is ideal for engine oil change of any motor vehicle, are carried out by an air operated vacuum pump. Using a probe or connector to suck waste oil, Once depressurized. It can work autonomously anywhere. It does not require continuous connection to the compressed air system.



PARAMETERS

> Tank capacity(Liter/US Gallon)	50/13
> Power supply(v/hz/ph)	AC220V/50HZ/1PH
> power(w)	370
> Oil ejection pressure(lbar/psi)	0.5/7
> Air Inlet Connection	1/4"
> Oil Temperature Range(°C)	40~80
> Oil Tray(Liter/US Gallon)	/
> Suction Speed(Liter/m/US Gallon/m)	1.5 ~ 2/0.4 ~ 0.5
> Suction Hose(dia.@length)	1/4"*1500
> Draining Hose(dia.@length)	1/4"*1500
> Collection Bowl Capacity(Liter/US Gallon)	/
> Collection Bowl Diameter(mm)	/
> Maximum Height(mm)	/
> Min Height(mm)	/
> Optional Extension Funnel Diameter(mm)	/
> N.W.(kgs)	32/35
> Dimension(mm):	500*455*1265



PARAMETERS

> Tank capacity(Liter/US Gallon)	50/13
> Power supply(v/hz/ph)	AC220V/50HZ/1PH
> power(w)	370
> Oil ejection pressure(lbar/psi)	0.5/7
> Air Inlet Connection	1/4"
> Oil Temperature Range(°C)	40~80
> Oil Tray(Liter/US Gallon)	20/5.3
> Suction Speed(Liter/m/US Gallon/m)	1.5 ~ 2/0.4 ~ 0.5
> Suction Hose(dia.@length)	1/4"*1500
> Draining Hose(dia.@length)	1/4"*1500
> Collection Bowl Capacity(Liter/US Gallon)	20/5.3
> Collection Bowl Diameter(mm)	ø420
> Maximum Height(mm)	1940
> Min Height(mm)	1500
> Optional Extension Funnel Diameter(mm)	570
> N.W.(kgs)	36/42
> Dimension(mm):	500*455*1265/450*450*300

FEATURES

- Large tray for tools, filters etc, on the top of the tank.
- The unit must be pressurized by air compressor(max Pressure 7 bar – 100 psi)
- Includes a safety valve, to avoid overpressure over pressure

PARAMETERS

> Tank capacity	30L/8Gallon
> Air Pressure for spray	8bar/115Psi
> Spray Hose	ø6.5mm* 5mm
> Spray Gun Length	620mm
> Air Inlet Connection	G 1/4" fitting or Quick Plug
> Weight	23kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930



Mobile Pressure sprayers are suitable for the non-toxic spraying of detergent liquids, low density lubrication oils and similar for washing motor vehicles, graffitiing, lubricating, distributing mould release oils, etc. Work autonomously without requiring continuous connection to the compressed-air line.

FEATURES

- Large tray for tools, filters etc, on the top of the tank.
- The unit must be pressurized by air compressor (max Pressure 7 bar – 100 psi,
- Includes a safety valve, to avoid overpressure 7 bar

PARAMETERS

> Tank capacity	30L/8Gallon
> Air Pressure for spray	8bar/115Psi
> Spray Hose	ø6.5mm* 5mm
> Spray Gun Length	620mm
> Air Inlet Connection	G 1/4" fitting or Quick Plug
> Weight	23kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930



Mobile Pressure sprayers are suitable for the non-toxic spraying of detergent liquids, low density lubrication oils and similar for washing motor vehicles, graffitiing, lubricating, distributing mould release oils, etc. Work autonomously without requiring continuous connection to the compressed-air line.



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FEATURES

Stainless Steel Mobile Pressure Sprayer HW51026A

Made from 304 stainless steel for extra strength and durability

PARAMETERS

> Tank capacity	30L/8Gallon
> Air Pressure for spray	8bar/115Psi
> Spray Hose	ø6.5mm* 5mm
> Spray Gun Length	620mm
> Air Inlet Connection	G 1/4" fitting or Quick Plug
> Weight	25kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930



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> Air Inlet Connection	G 1/4" fitting or Quick Plug
> Weight	25kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930

HG32026 PARAMETERS

> Tank capacity	30L/8Gallon
> Max.working pressure	MANUAL
> Dispenser Hose	ø8mm*3.5 mm
> Dispenser Gun Length	130mm
> Air inlet connection	
> Weight	18kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930



HG33026 PARAMETERS

> Tank capacity	30L/8Gallon
> Max.working pressure	8bar/115Psi
> Dispenser Hose	ø8mm*3.5 mm
> Dispenser Gun Length	130mm
> Air inlet connection	G 1/4" fitting or Quick Plug
> Weight	15kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930



Pneumatic oil dispensers suitable for filling or topping-up oil. Filled with oil (to 4/5 capacity) and pressurized with air at 6–8 bar, they work autonomously anywhere and do not require continuous connection to the compressed-air line.

HG33026A PARAMETERS

> Tank capacity	30L/8Gallon
> Max.working pressure	8bar/115Psi
> Dispenser Hose	ø8mm*3.5 mm
> Dispenser Gun Length	130mm
> Air inlet connection	G 1/4" fitting or Quick Plug
> Weight	15kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930



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HG53026 PARAMETERS

> Tank capacity	30L/8Gallon
> Max.working pressure	8bar/115Psi
> Dispenser Hose	ø8mm*3.5 mm
> Dispenser Gun Length	130mm
> Air inlet connection	G 1/4" fitting or Quick Plug
> Weight	15kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930



Pneumatic oil dispensers suitable for filling or topping-up oil. Filled with oil (to 4/5 capacity) and pressurized with air at 6–8 bar, they work autonomously anywhere and do not require continuous connection to the compressed-air line.

HG53026A PARAMETERS

> Tank capacity	30L/8Gallon
> Max.working pressure	8bar/115Psi
> Dispenser Hose	ø8mm*3.5 mm
> Dispenser Gun Length	130mm
> Air inlet connection	G 1/4" fitting or Quick Plug
> Weight	15kg
> CBM:	0.11m³
> Dimension(mm):	360*350*930

Double acting air operated pumps for transferring lubricants and other non-corrosive fluids. Pump includes height-adjustable 2" BSP bung adaptor. Typically used in workshops, service stations, fleet maintenance in mining, agriculture, armed forces, construction, trains, ect.

02

AIR OPERATED OIL & GREASE PUMPS



AIR OPERATED
OIL & GREASE PUMPS

OIL PUMP PRESSURE RATE:1:1

> Operating air pressure	3-8bar
> Max.fluid pressure	8 bar
> Max.continuous duty flow rate	45 L/min
> Max flow rate with 4m hose and nozzle	17 L/min
> Suction tube diameter	49mm
> Connections	Air inlet quick plug
>	Oil outlet 1/2"BSP

Item	Suction tube length	Weight
70011270	270mm / 10.6"	6Kgs
70011740	740mm / 29"	7Kgs
70011940	940mm / 37"	7Kgs

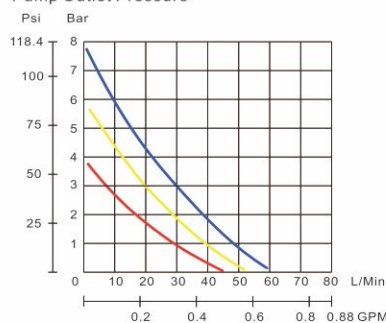
MULTI-PURPOSE 2" BSP BUNG ADAPTOR

Easy to clamp the different diameter pump tube with different tube sleeve.

Item	Tube size	Application pump ratio
70910030	From tube dia. 30mm	5:1
70910034	From tube dia. 34mm	3:1
70910049	From tube dia. 49mm	1:1

1:1 Oil Pump

Pump Outlet Pressure



Test media: SAE30 oil, +20°C. 2M hose length free outlet

Pump Delivery

Air inlet pressure 4 bar (56Psi)

Air inlet pressure 6 bar (84Psi)

Air inlet pressure 8 bar (116Psi)

Double acting air operated pumps for transferring lubricants and other non-corrosive fluids. Pump includes height-adjustable 2" BSP bung adaptor. Typically used in workshops, service stations, fleet maintenance in mining, agriculture, armed forces, construction, trains, ect.



2" BSP BUNG ADAPTOR



OIL PUMP PRESSURE RATE:1:1

Suction Tube Diameter 49 mm



72011270

1:1 OIL PUMP WALL MOUNTING UNIT

Standard model composed of 1:1 oil pump, suction hose and mounting bracket, digital oil meter and oil connection hose.

INCLUDES

70011270	1:1 oil pump, 270mm suction tube
70981023	Digital oil meter control valve
70915270	Wall bracket
70915200	2m oil Suction hose
70781204	1/2"x4m oil connection hose



72011270 1:1 OIL PUMP WALL MOUNTING UNIT

Double acting air operated medium pressure for dispensing lubricants from mobile units or in medium size installations. including the multiple dispensing points without sumultaneous use. Pumps can pump all type of lubricants, even those of higher viscosity. Pump includes the height-adjustable 2" BSP bung adaptor.



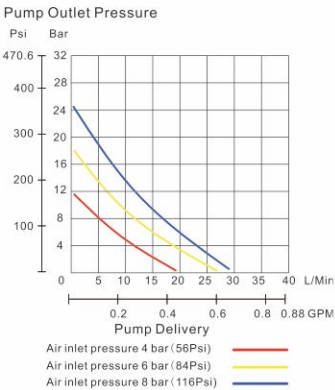
OIL PUMP PRESSURE RATE: 3:1
Suction Tube Diameter 34 mm

OIL PUMP PRESSURE RATE: 5:1
Suction Tube Diameter 30 mm

OIL PUMP PRESSURE RATE: 3:1

> Operating air pressure	3-8bar
> Max.fluid pressure	24 bar
> Max.continuous duty flow rate	27 L/min
> Max flow rate with 4m hose and nozzle	18 L/min
> Suction tube diameter	34mm
> Connections	Air inlet quick plug
> Oil outlet	1/2" BSP

Item	Suction tube length	Weight
70031270	270mm /10.6"	5Kgs
70031740	730mm / 29"	7Kgs
70031940	940mm / 37"	7Kgs

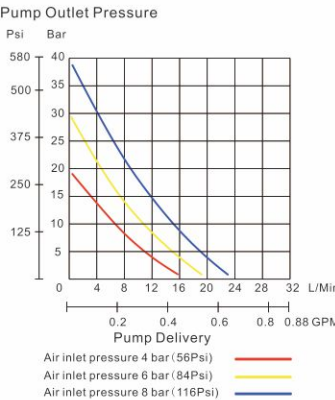


3:1 Oil Pump

OIL PUMP PRESSURE RATE: 5:1

> Operating air pressure	3-8bar
> Max.fluid pressure	40 bar
> Max.continuous duty flow rate	17 L/min
> Max flow rate with 4m hose and nozzle	14 L/min
> Suction tube diameter	30mm
> Connections	Air inlet quick plug
> Oil outlet	1/2" BSP

Item	Suction tube length	Weight
70051270	270mm /10.6"	5Kgs
70051740	740mm / 29"	7Kgs
70051940	940mm / 37"	7Kgs



5:1 Oil Pump

MOBILE OIL PUMP UNIT

Mobile unit is suitable for dispensing oil for mobile application. Drum trolley ensures high mobility and efficiency. Easy to move the drum in the workshop.

MOBILE UNIT FOR 20 TO 60 L DRUM

Standard model composed of 3:1 or 5:1 oil pump, trolley, digital oil meter with nozzle and 4m connection hose

71031740 3:1 Mobile Oil Pump Unit

INCLUDES

70031740	3:1 oil pump, 740mm suction tube
70961023	Digital oil meter control valve with flexible hose, auto tip
80001050	20-60kg drum trolley
70781204	1/2" x 4m oil connection hose

71051740 5:1 Mobile Oil Pump Unit

INCLUDES

70051740	5:1 oil pump, 740mm suction tube
70961023	Digital oil meter control valve with flexible hose, auto tip
80001050	20-60kg drum trolley
70781204	1/2" x 4m oil connection hose



MOBILE UNIT FOR 20 TO 60 L DRUM

MOBILE UNIT FOR 180 TO 200 L DRUM

Standard model composed of 3:1 or 5:1 oil pump, trolley, digital oil meter with nozzle and 4m connection hose

71031940 3:1 Mobile Oil Pump Unit

INCLUDES

70031940	3:1 oil pump, 940mm suction tube
70961023	Digital oil meter control valve with flexible hose, auto tip
80001200	180-200kg drum trolley
70781204	1/2" x 4m oil connection hose

71051940 5:1 Mobile Oil Pump Unit

INCLUDES

70051940	5:1 oil pump, 940mm suction tube
70961023	Digital oil meter control valve with flexible hose, auto tip
80001200	180-200kg drum trolley
70781204	1/2" x 4m oil connection hose



MOBILE UNIT FOR 180 TO 200 L DRUM

MOBILE OIL PUMP UNIT

Mobile unit is suitable for dispensing oil for mobile application. Drum trolley ensures high mobility and efficiency. Easy to move the drum in the workshop.



MOBILE UNIT FOR 180 TO 200 L DRUM WITH HOSE REEL

MOBILE UNIT FOR 180 TO 200 L DRUM

Standard model composed of 3:1 or 5:1 oil pump, trolley, digital oil meter with nozzle, 4m connection hose and industrial oil hose reel

71031948 3:1 Mobile Oil Pump Unit

INCLUDES	
70031940	3:1 oil pump, 940mm suction tube
70961023	Digital oil meter control valve with flexible hose, auto tip
80001208	180-200kg drum trolley
70781204	1/2" x 4m oil connection hose
IRN2104	Industrial oil hose reel 1/2"x10m

71051948 5:1 Mobile Oil Pump Unit

INCLUDES	
70051940	5:1 oil pump, 940mm suction tube
70961023	Digital oil meter control valve with flexible hose, auto tip
80001208	180-200kg drum trolley
70781204	1/2" x 4m oil connection hose
IRN2104	Industrial oil hose reel 1/2"x10m

GREASE PUMP PRESSURE RATE: 50:1

INCLUDES		
Operating air pressure	3-8 bar	
Max.fluid pressure	400 bar	
Max.continuous duty flow rate	800 g/min	
Max flow rate with 4m hose and nozzle	600 g/min	
Suction tube diameter	32 mm	
Connections :	Air inlet	quick plug
	Oil outlet	12" BSP

Item	Suction tube length	Weight
60501480	480mm / 19"	5Kgs
60501740	740mm / 29"	6Kgs
60501940	940mm / 37"	7Kgs

DRUM COVER

Item	Diameter	Drum Size Applied	Drum Application
60910280	280mm	240-260mm	12-20kgs
60910310	310mm	270-300mm	16-30kgs
60910350	350mm	300-330mm	20-30kgs
60910385	385mm	335-360mm	50-60kgs
60910420	420mm	360-400mm	50-60kgs
60910600	600mm	540-580mm	180-220kgs

FOLLOWER PLATE

Item	Diameter	Drum Size Applied	Drum Application
60920265	265mm	240-260mm	12-20kgs
60920310	310mm	270-300mm	16-30kgs
60920340	340mm	300-330mm	20-30kgs
60920370	370mm	335-360mm	50-60kgs
60920410	410mm	360-400mm	50-60kgs
60920585	585mm	540-580mm	180-220kgs

GREASE CONTROL VALVE

Item	Des	Size
60906121	Grease control Valve	1/4"BSPT/NPT inlet
60906302	Z-swivel	1/4"BSPT/NPT inlet/outlet
60906000	Grease control Valve with Z-swivel connector	

GREASE HOSE

1/4" grease hose, SAE100R2AT, W.P.: 346 bar
Hose end: 1/4" male BSPT/NPT fitting
1/4" rotate female BSP/NPS fitting

Item	Length
60781402	2m
60781404	4m
60781408	8m
60781415	15m

50:1 AIR OPERATED GREASE PUMPS

Double acting air operated pumps for high pressure greasing. Recommended use in mobile units and gingle point dispensing units when the hose reel is connected directly to the pump outlet. Typically used in workshops, service stations, fleet maintenance in mining,agriculture, armed forces, construcion, trains, ect.



Suction Tube
Diameter 32 mm



DRUM COVER



FOLLOWER PLATE



GREASE CONTROL VALVE



GREASE HOSE

MOBILE GREASE PUMP UNIT

Mobile unit is suitable for dispensing grease for mobile application. Drum trolley ensures high mobility and efficiency. Easy to move the drum in the workshop.



61501480 50:1 Mobile Grease Pump Unit

GREASE PUMP PRESSURE RATE: 50:1

Standard model composed of 50:1 grease pump, trolley, grease gun with Z-swivel and 2m connection hose

61501480 50:1 Mobile Grease Pump Unit

INCLUDES	
60501480	50:1 grease pump, 480mm suction tube
60910385	Drum cover, 385mm
60920370	Follower plate, 370mm
60906000	Grease gun with Z-swivel
80001050	20–60kg drum trolley
60781402	1/4"x2m greasel connection hose



61501940 50: 1 Moblie Grease Pump Unit

MOBILE UNIT FOR 200 KGS DRUM

Standard model composed of 50:1 grease pump, trolley, grease gun with Z-swivel and 2m connection hose

61501940 50: 1 Moblie Grease Pump Unit

INCLUDES	
60501940	50:1 grease pump, 940mm suction tube
60910600	Drum cover, 600mm
60920585	Follow plate, 585mm
60906000	Grease gun with Z-swivel
80001200	180–200kg drum trolley
60781402	1/4"x2m grease connection hose

MOBILE GREASE PUMP UNIT

Mobile unit is suitable for dispensing grease for mobile application. Drum trolley ensures high mobility and efficiency. Easy to move the drum in the workshop.



MOBILE UNIT FOR 200 KGS DRUM WITH HOSE REEL

Standard model composed of 50:1 grease pump, trolley, grease gun with z-swivel, 2m connection hose and industrial oil hose reel

61501948 50:1 Moible Grease Pump Unit

INCLUDES	
60501940	50:1 grease pump, 940mm suction tube
60910600	Drum cover, 600mm
60920585	Follow plate, 585mm
60906000	Grease gun with Z-swivel
80001208	180–200kg drum trolley
60781402	1/4"x2m grease connection hose
IRN3102	Industrial grease hose reel 1/4"x10m

61501948 50: 1 Moblie Grease Pump Unit

STEEL DRUM TROLLY

Heavy Duty Trolley for different size drum. Include an adjustable chain for securing the drum and a bracket mounted on the handle for fixing an air operated pump. Easy to move the drum in the workshop.

ITEM: 80001208



ITEM: 80001200

Drum application: 180-220kgs
Galvanized steel frame,
with 5" fixed wheel and 3" castor with brake.
A drum clamping device
adjustable side support for hooking the gun
and hose or aother accessories.

ITEM: 80001050



ITEM: 80001050

Drum application: 20-60kgs
Galvanized steel frame,
with 4" wheel and 3" castor

ITEM: 80001200



ITEM: 80001208

hose reel can be mounted using
optional bracket.

INDUSTRIAL
HOSE REEL



INDUSTRIAL HOSE REEL

ABS DRUM SPRING DRIVEN HOSE REEL DOUBLE ARM

High quality impact resistant ABS drum Carbon steel arm, and bracket in corroision resistant powder coating

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRA1153	3/8"	300/20
IRA2154	1/2"	2000/138
IRA3152	1/4"	5000/345
IRA4153	3/8"	2900/200

Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRA1153	3/8"	50/15	Air ,Water reel
IRA2154	1/2"	50/15	Oil reel
IRA3152	1/4"	50/15	Grease reel
IRA4153	3/8"	50/15	Hot water reel

ABS DRUM SPRING DRIVEN HOSE REEL STAINLESS STEEL FRAME

For long life in special industrial (food or medical) and automotive applications High quality impact sreistant ABS drum Arm, bracket and key parts in 304 stainless steel

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRS1153	3/8"	300/20
IRS2154	1/2"	2000/138
IRS3152	1/4"	5000/345
IRS4153	3/8"	2900/200

Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRS1153	3/8"	50/15	Air ,Water reel
IRS2154	1/2"	50/15	Oil reel
IRS3152	1/4"	50/15	Grease reel
IRS4153	3/8"	50/15	Hot water reel

STEEL SPRING DRIVEN HOSE REEL DOUBLE ARM

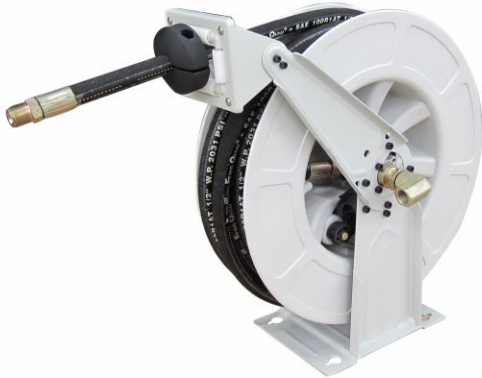
Carbon steel drum, arm, and bracket in corroision resistant powder coating

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRN1103	3/8"	300/20
IRN1153	3/8"	300/20
IRN2104	1/2"	2000/138
IRN2154	1/2"	2000/138
IRN3102	1/4"	5000/345
IRN3152	1/4"	5000/345

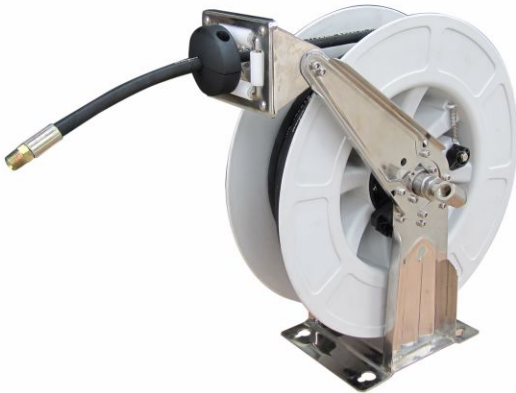
Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRN1103	3/8"	33/10	Air ,Water reel
IRN1153	3/8"	50/15	Air ,Water reel
IRN2104	1/2"	33/10	Oil reel
IRN2154	1/2"	50/15	Oil reel
IRN3102	1/4"	33/10	Grease reel
IRN3152	1/4"	50/15	Grease reel

INDUSTRIAL HOSE REEL

Industrial hose reel are a ideal solution for workshops dogged by the problem of trailing wire. Suitable for in-door or out-door work places.Operators can work in a clean and tidy place. Can be wall, ceiling or floor mounted. Heavy-duty steel construction for long life in industrial and automotive applications



**IRA series ABS Drum
ABS DRUM SPRING DRIVEN HOSE REEL DOUBLE ARM**



**IRS series ABS Drum Stainless steel frame
ABS DRUM SPRING DRIVEN HOSE REEL
STAINLESS STEEL FRAME**



**IRN series
STEEL SPRING DRIVEN HOSE REEL DOUBLE ARM**

INDUSTRIAL HOSE REEL

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IRC series



IRE series



BR0104
Swivel base for IRN IRA



BRS0104
SS swivel base for IRS



BR0105
Swivel base for IRE

ENCLOSED STEEL SPRING DRIVEN HOSE REEL

Carbon steel drum, arm, and bracket in corroison resistant powder coating

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRC1093	3/8"	300/20
IRC2094	1/2"	2000/138
IRC3092	1/4"	5000/345

Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRC1093	3/8"	30/9	Air ,Water reel
IRC2094	1/2"	30/9	Oil reel
IRC3092	1/4"	30/9	Grease reel

ENCLOSED STEEL SPRING DRIVEN HOSE REEL

Large case design for longer hose Carbon steel drum, arm, and bracket in corroison resistant powder coating

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRE1103	3/8"	300/20
IRE1153	3/8"	300/20
IRE2104	1/2"	2000/138
IRE2154	1/2"	2000/138
IRE3102	1/4"	5000/345
IRE3152	1/4"	5000/345

Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRE1103	3/8"	33/10	Air ,Water reel
IRE1153	3/8"	50/15	Air ,Water reel
IRE2104	1/2"	33/10	Oil reel
IRE2154	1/2"	50/15	Oil reel
IRE3102	1/4"	33/10	Grease reel
IRE3152	1/4"	50/15	Grease reel

INDUSTRIAL HOSE REEL

Industrial hose reel are a ideal solution for workshops dogged by the problem of trailing wire. Suitable for in-door or out-door work places.Operators can work in a clean and tidy place. Can be wall, ceiling or floor mounted. Heavy-duty steel construction for long life in industrial and automotive applications

LOW PRESSURE - AIR

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRL805083	3/8"	300/20
IRL815153	3/8"	300/20
IRL801153	3/8"	300/20
IRL801203	3/8"	300/20
IRL801154	1/2"	300/20
IRL801204	1/2"	300/20

Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRL805083	3/8"	25/7.5	Air Reel
IRL815153	3/8"	50/15	Air Reel
IRL801153	3/8"	50/15	Air Reel
IRL801203	3/8"	65/20	Air Reel
IRL801154	1/2"	50/15	Air Reel
IRL801204	1/2"	65/20	Air Reel

LOW PRESSURE - AIR

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRM801154	1/2"	2000/138
IRM801204	1/2"	2000/138

Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRM801154	1/2"	50/15	Oil Reel
IRM801204	1/2"	65/20	Oil Reel

HIGH PRESSURE - GREASE

Item	Inlet/outlet (Inch)	Max pressure (Psi/bar)
IRH801152	1/4"	5000/345
IRH801202	1/4"	5000/345

Item	Hose capacity		Application
	I.D.(inch)	Length(ft/m)	
IRH801152	1/4"	50/15	Grease Reel
IRH801202	1/4"	65/20	Grease Reel



L80 series



M80 H80 series

The oil meter control valve is able to cater for even the most discerning market requirements. The possibility of dispensing in preselection make it truly unique. Once the pre-selected quantity has been reached, the nozzle automatically closes the valve and stops dispensing.

The oval-gear meter makes it possible to achieve high count precision with low flow resistance. The oil meter control valve can be fitted with a nozzle and integrated with different ends to suit specific requirements. The nozzle is fitted a balance valve for reduced trigger pressure.



PRE- SELECTION DIGITAL METER CONTROL VALVE



PRE-
SELECTION
DIGITAL METER
CONTROL
VALVE

PRE-SELECTION DIGITAL METER CONTROL VALVE

The oil meter control valve is able to cater for even the most discerning market requirements. The possibility of dispensing in preselection make it truly unique. Once the pre-selected quantity has been reached, the nozzle automatically closes the valve and stops dispensing. The oval-gear meter makes it possible to achieve high count precision with low flow resistance. The oil meter control valve can be fitted with a nozzle and integrated with different ends to suit specific requirements. The nozzle is fitted a balance valve for reduced trigger pressure.



PRE-SELECTION DIGITAL METER CONTROL VALVE

PRE-SELECTION DIGITAL METER CONTROL VALVE

FEATURES

- Electronic card with LCD housed in cover
- 5-digit liquid crystal display
- 4 units and battery indicator
- Dispense and totalize in L.GAL.PT and QT
- Battery power supply is 6V

PARAMETERS

> Pre-selectable quantity	0.1L min, 99.9L max
> Flow rate	1 to 30L /min
> Precision	± 5‰
> Repetitiveness	0.2%
> Loss of pressure	0.7 bar
> Max working pressure	Max 70 bar
> Min working pressure	3bar
> Input with rotating	1/2"BSP/NPT
> Meter body input/output	1/2"BSP/NPT
> Path diameter	Φ 12
> Power supply	DC 6V

Item	Description	Spout	Tip
70989023	with preset digital meter	Flexible	Automatic
70989011	with preset digital meter	Rigid	Manual



PRESET QUANTITY FACILITIES



LARGE FILLER



BATTERY CASE



PRESSURE METER FOR CHECKING THE FUNCTION

DIGITAL METER CONTROL VALVE

The oil meter control valve is able to cater for even the most discerning market requirements. The possibility of dispensing in preselection make it truly unique. Once the pre-selected quantity has been reached, the nozzle automatically closes the valve and stops dispensing. The oval-gear meter makes it possible to achieve high count precision with low flow resistance. The oil meter control valve can be fitted with a nozzle and integrated with different ends to suit specific requirements. The nozzle is fitted a balance valve for reduced trigger pressure.

DIGITAL METER CONTROL VALVE

PARAMETERS		
> Flow rate	1 to 30L /min	
> Precision	± 5‰	
> Repetitiveness	0.2%	
> Loss of pressure	0.7 bar	
> Max working pressure	Max 70 bar	
> Min working pressure	3bar	
> Input with rotating	1/2"BSP/NPT	
> Meter body input/output	1/2"BSP/NPT	
> Path diameter	Φ 12	
> Power supply	DC 6V	

Item	Description	Spout	Tip
70981023	With digital meter	Flexible	Automatic
70981011	With digital meter	Rigid tube	Manual

OIL CONTROL VALVE

PARAMETERS		
> Flow rate	1 to 30L /min	
> Precision	± 5‰	
> Max working pressure	Max 70 bar	
> Input with rotating	1/2"BSP/NPT	
> Meter body input/output	1/2"BSP/NPT	
> Min working pressure	3bar	
> Path diameter	Φ 12	
> Power supply	DC 6V	

Item	Description	Spout	Tip
70980023	without digital meter	Flexible	Automatic
70980011	without digital meter	Rigid tube	Manual



DIGITAL METER CONTROL VALVE

OIL CONTROL VALVE

DIGITAL METER CONTROL VALVE

The oil meter control valve is able to cater for even the most discerning market requirements. The possibility of dispensing in preselection make it truly unique. Once the pre-selected quantity has been reached, the nozzle automatically closes the valve and stops dispensing. The oval-gear meter makes it possible to achieve high count precision with low flow resistance. The oil meter control valve can be fitted with a nozzle and integrated with different ends to suit specific requirements. The nozzle is fitted a balance valve for reduced trigger pressure.



DIGITAL METER CONTROL VALVE

OIL CONTROL VALVE

PARAMETERS

> Flow rate	1 to 30L /min
> Precision	± 5‰
> Repetitiveness	0.2%
> Loss of pressure	0.7 bar
> Max working pressure	Max 70 bar
> Min working pressure	3bar
> Input with rotating	1/2"BSP/NPT
> Meter body input/output	1/2"BSP/NPT
> Path diameter	Φ 10
> Power supply	DC 3V

Item	Description	Spout	Tip
70961023	with digital meter	Flexible	Automatic

PARAMETERS

> Flow rate	1 to 30L /min
> Precision	0.2%
> Max working pressure	Max 70 bar
> Min working pressure	3bar
> Input with rotating	1/2"BSP/NPT
> Meter body input/output	1/2"BSP/NPT
> Path diameter	Φ 10
> Power supply	DC 3V

Item	Description	Spout	Tip
70960023	without digital meter	Flexible	Automatic

PARAMETERS

> Flow rate	1 to 30L /min
> Precision	± 5‰
> Repetitiveness	0.2%
> Loss of pressure	0.7 bar
> Max working pressure	Max 70 bar
> Min working pressure	3bar
> Input with rotating	1/2"BSP/NPT
> Meter body input/output	1/2"BSP/NPT
> Path diameter	Φ 10
> Power supply	DC 3V

Item	Description	Spout	Tip
80981023	with digital meter	Flexible	Automatic

OIL METER ACCESSORIES



70900023
Flexible hose with
automatic non-dip valve



70900022
Flexible hose with
manual non-dip valve



70900011
Right tube with
manual non-dip valve



70900003
Automatic
non-dip valve



70900002
High flow rate
Manual non-dip valve



70900001
Low flow Manual
non-dip valve



CONNECTION HOSE
1/2" oil hose, SAE100R1AT
W.P.: 134 bar
Hose end: 1/4" male BSPT/NPT fitting
1/4" rotate female BSP/NPS fitting

Hose	Length
70781202	2m
70781204	4m
70781215	15m

DIGITAL METER CONTROL VALVE

The oil meter control valve is able to cater for even the most discerning market requirements. The possibility of dispensing in preselection make it truly unique. Once the pre-selected quantity has been reached, the nozzle automatically closes the valve and stops dispensing. The oval-gear meter makes it possible to achieve high count precision with low flow resistance. The oil meter control valve can be fitted with a nozzle and integrated with different ends to suit specific requirements. The nozzle is fitted a balance valve for reduced trigger pressure.



DIGITAL METER CONTROL VALVE

OIL/FLUID EXCHANGER



OIL/FLUID
EXCHANGER

GA-322LCD



TRANSMISSION FLUID OIL EXCHANGER

Remove, clean and replace transmission fluid(ATF) from most types and models of automatic transmissions. Help restoring gearbox's speeding performance, reducing vibration and oil consumption.

Free of disassemble, time efficient and easy operation.

MODEL NUMBER: GA-322

> Power	Air Compressor
> Operation	
> Working Pressure	70~90PSI
> Suit For	Gasoline/diesel vehicles
> Meas.	650*520*1160mm
> G.W.	60kgs

MODEL NUMBER: GA-322LCD

> Power	AC220V/50HZ/1phase 350W
> Operation	Automatic
> Working Pressure	70~90PSI
> Suit For	Gasoline/diesel vehicles
> Meas.	650*520*1160mm
> G.W.	60kgs

MODEL NUMBER: GD-322

> Power	AC220V/50HZ/1phase 350W
> Operation	
> Working Pressure	80~120PSI
> Suit For	Gasoline/diesel vehicles
> Meas.	650*520*1160mm
> G.W.	60kgs



GA-322
GD-322



INCLUDES:
Transmission fluid
exchanger unit
with fitting

Pressure fill/
return hose

(2) fluid collecting
bottles

(24) assorted
fitting/adapters

(8) assorted
hoses with
clamps
& O-rings

Tool box

BRAKE BLEEDING

The simplified air-operated two-chamber brake bleeding device is suitable for the bleeding the hydraulic brakes and clutches of all motor vehicles. Equipped with an elastic inner membrane with hermetically separates the oil from the air, thus avoiding the risk of emulsion

ITEM: GS-432

> Tank capacity	6L
> Oil max working pressure	3 bar
> Reserve tank max pressure	10 bar
> Delivery hose length	5m
> Safety valve	4bar

ITEM: GS-452

> Tank capacity	10L
> Oil max working pressure	3 bar
> Reserve tank max pressure	10 bar
> Delivery hose length	5m
> Safety valve	4bar



GS-432



GS-452



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