



**HPMM 2012**

HUI PEAK MACHINERY CO., LTD.

## LUBRICATION EQUIPMENTS



# COMPANY INTRODUCTION

HPMM MACHINERY CO.,LTD is a leading and professional manufacturer with more than 10 years' experiences in manufacturing lubrication equipments, pumps,hose-reel and its related accessories.

We have currently located in Guangzhou with a more than 8,000m<sup>2</sup> working plant (near the Baiyun International Airport).

As one of the fastest growing companies in China Automotive Service Equipment Industry we have established a nation-wide customer base with significant expansion into global markets and have achieved successful business cooperation with customers from more than 40 countries and regions.

We have been honored with ISO-9001 approval by our well-organized in administrative management and production arrangement. Most of our products were under "CE" certificates.

Catching the step of a keep-on-going global market is our consistent desire!



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



# PHOTO GALLERY:



CNC machine



Automatic welding machine



Plate processing machine



Lubrication equipments assemble



Lubrication equipments assemble



Lubrication equipments assemble



Nitrogen generator assemble



Lube machine assemble



Finished production storage



## LUBRICATION EQUIPMENTS (TANK SERIES)

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### PNEUMATIC OIL EXTRACTOR (BASIC SERIES)

06	HC-2080	HC-2081	HC-2085
07	HC-2090	HC-2097	

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### PNEUMATIC & ELECTRIC OIL EXTRACTOR (HIGHER CLASS SERIES)

10	HC-3026	HC-3027	HC-5026
11	HC-3280	HC-3281	HC-3285
12	HC-3290	HC-3297	
13	HC-3298		
16	HC-2380	HC-2390	
17	HC-31026/31026A	HC-51026/51026A	
18	HC-32026	HC-33026/33026A	HC/53026/53026A
19	HC-68012	HC-68218	

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## LUBRICATION EQUIPMENTS (MOBILE OIL PUMP UNIT)

21	MOBILE OIL PUMP UNIT
22	MOBILE OIL PUMP UNIT STEEL DRUM TROLLY
23	PRE-SELECTION DIGITAL METER CONTROL VALVE
24-25	AIR OPERATED OIL PUMPS

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## LUBRICATION EQUIPMENTS (MOBILE GREASE PUMP UNIT)

27	MOBILE GREASE PUMP UNIT
28	MOBILE GREASE PUMP UNIT STEEL DRUM TROLLY
29	50:1 AIR OPERATED GREASE PUMPS
30	ACCESSORIES FOR GREASE PUMPS

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## LUBRICATION EQUIPMENTS (HOSE-REEL)

32	INDUSTRIAL HOSE REEL(IRI IRS IRN)
33	INDUSTRIAL HOSE REEL(IRC IRE IRL)
34	INDUSTRIAL HOSE REEL (L805 L815 L801)
35	INDUSTRIAL HOSE REEL (M815 M801 H815 H801)
36	FOR INDUSTRIAL MARKETING (IRL801153 801153)

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## LUBRICATION EQUIPMENTS (FREE DISMANTLE CLEANING MACHINES)

38	TRANSMISSION FLUID OIL EXCHANGER (GA-322 GA-322LCD)
39	ENGINE LUBRICATING SYSTEM CLEANER (GL-122 GD-122 GF220 GD220)
40	WATER TANK MAINTENANCE MACHINE (GB-522A GD-522A GC622A GD622A)
41	BRAKE FLUID EXCHANGER (GD-422)
42	BRAKE FLUID EXCHANGER (GS-432 GS452)

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**LUBRICATION EQUIPMENTS  
(TANK SERIES)**

# **PNEUMATIC OIL EXTRACTORS (BASIC SERIES)**



## PNEUMATIC WASTE OIL EXTRACTOR

# HC-2080 HC-2081 HC-2085

Patent for vacuum generator  
& explosion protector for organic glass

- ※ 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.



### TECHNICAL DATA

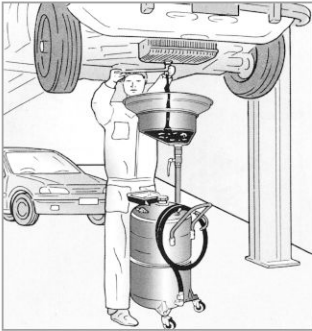
MODEL NUMBER	HC-2080	HC-2081	HC-2085
TANK CAPACITY(LITER/US GALLON)	80/21	80/21	80/21
AIR INLET PRESSURE(BAR/PSI)	8~10/114~145	8~10/114~145	8~10/114~145
AIR INLET CONNECTION(INCH)	1/4"	1/4"	1/4"
VACUUM DEGREE(MPA)	0~0.1		0~0.1
AIR PRESSURE FOR OIL DISCHARGE(BAR/PSI)	0.7~1/10~14	0.7~1/10~14	0.7~1/10~14
OIL TEMPERATURE RANGE(°C)	40~80	40~80	40~80
SUCTION SPEED@PROBE DIA. 8 & OIL 60° C(LITER/M/US GALLON/M)	6.5/1.72	6.5/1.72	6.5/1.72
SUCTION HOSE(DIA. @LENGTH)	1/4X1.5M		1/4X1.5M
DRAINING HOSE(DIA. @LENGTH)	1/4X1.5M	1/4X1.5M	1/4X1.5M
COLLECTION BOWL CAPACITY(LITER/USGALLON)		20/5.3	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)	16/18	20/22	21.5/23.5
DIMENSION(MM):	495X420X890	495X420X890	495X420X890

## PNEUMATIC WASTE OIL EXTRACTOR

# HC-2090 HC-2097

### FEATURE

- ※ 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 before it enter the reservoir.



HC-2090



HC-2097

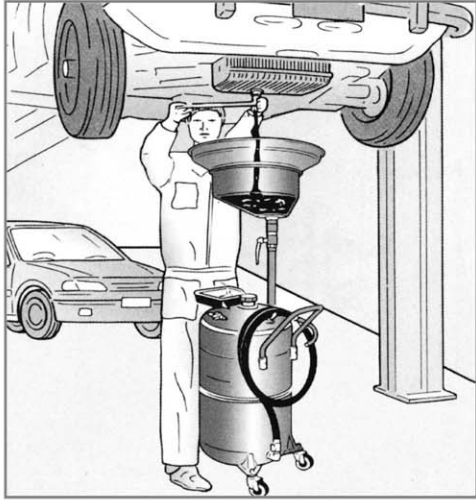
### TECHNICAL DATA

MODEL NUMBER	HC-2090	HC-2097
TANK CAPACITY(LITER/US GALLON)	80/20	80/20
AIR INLET PRESSURE(BAR/PSI)	8~10/114~145	8~10/114~145
AIR INLET CONNECTION(INCH)	1/4"	1/4"
VACUUM DEGREE(MPA)	0~0.1	0~0.1
AIR PRESSURE FOR OIL DISCHARGE(BAR/PSI)	0.7~1/10~14	0.7~1/10~14
OIL TEMPERATURE RANGE(°C)	40~80	40~80
SUCTION SPEED@PROBE DIA. 8 & OIL 60° C(LITER/M/US GALLON/M)	6.5/1.72	6.5/1.72
SUCTION HOSE(DIA. @LENGTH)	1/4X1.5M	1/4X1.5M
DRAINING HOSE(DIA. @LENGTH)	1/4X1.5M	1/4X1.5M
COLLECTION BOWL CAPACITY(LITER/USGALLON)		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)	20/22.5	23/25.5
DIMENSION(MM):	495X420X890/285X285X540	495X420X890/285X285X540



# **PNEUMATIC & ELECTRIC OIL EXTRACTOR (HIGHER CLASS SERIES)**





MOBILE WASTE OIL DRAINER

HC-3026



MOBILE WASTE OIL DRAINER  
(STAINLESS STEEL)

HC-5026



HC-3027



TECHNICAL DATA

MODEL NUMBER	HC-3026	HC-3027	HC-5026
TANK CAPACITY(LITER/US GALLON)	30/8	30/8	30/8
AIR INLET PRESSURE(BAR/PSI)	8~10/114~145	8~10/114~145	8~10/114~145
AIR INLET CONNECTION(INCH)	1/4"	1/4"	1/4"
VACUUM DEGREE(MPA)	0~0.1	0~0.1	0~0.1
AIR PRESSURE FOR OIL DISCHARGE(BAR/PSI)	0.7~1/10~14	0.7~1/10~14	0.7~1/10~14
OIL TEMPERATURE RANGE(°C)	40~80	40~80	40~80
SUCTION SPEED@PROBE DIA. 8 & OIL 60° C(LITER/M/US GALLON/M)	6.5/1.72	6.5/1.72	6.5/1.72
SUCTION HOSE(DIA. @LENGTH)	1/4X1.5M	1/4X1.5M	1/4X1.5M
DRAINING HOSE(DIA. @LENGTH)	1/4X1.5M	1/4X1.5M	1/4X1.5M
N.W./G.W.(KGS)	13/14.5	16/18	21.4/14.8
DIMENSION(MM):	370X355X920	370X355X920/285X285X540	370X355X920

PNEUMATIC WASTE OIL EXTRACTOR

HC-3280 HC-3281 HC-3285



TECHNICAL DATA

MODEL NUMBER	HC-3280	HC-3281	HC-3285
TANK CAPACITY(LITER/US GALLON)	80/21	80/21	80/21
AIR INLET PRESSURE(BAR/PSI)	8~10/114~145	8~10/114~145	8~10/114~145
AIR INLET CONNECTION(INCH)	1/4"	1/4"	1/4"
VACUUM DEGREE(MPA)	0~0.1		0~0.1
AIR PRESSURE FOR OIL DISCHARGE(BAR/PSI)	0.7~1/10~14	0.7~1/10~14	0.7~1/10~14
OIL TEMPERATURE RANGE(°C)	40~80	40~80	40~80
SUCTION SPEED@PROBE DIA. Ø 8 & OIL 60° C(LITER/M/US GALLON/M)	6.5/1.72	6.5/1.72	6.5/1.72
SUCTION HOSE(DIA. @ LENGTH)	1/4x1.5M		1/4x1.5M
DRAINING HOSE(DIA. @ LENGTH)	1/4x1.5M	1/4x1.5M	1/4x1.5M
COLLECTION BOWL CAPACITY(LITER/US GALLON)		20/5.3	20/5.3
COLLECTION BOWL DIAMETER(MM)		420x530	
MAXIMUM HEIGHT(MM)		1940	
MIN HEIGHT(MM)		1280	
OPTIONAL EXTENSION FUNNEL DIAMETER(MM)		570	
N.W./G.W.(KGS)	19.5/23	26.5/31	28/32.5
DIMENSION(MM):	540x440x975	550x450x1010/590x590x100	550x450x1010/590x590x100

## PNEUMATIC WASTE OIL EXTRACTOR

HC-3290 HC-3297



HC-3290



HC-3297

### TECHNICAL DATA

MODEL NUMBER	HC-3290	HC-3297
TANK CAPACITY(LITER/US GALLON)	80/21	80/21
AIR INLET PRESSURE(BAR/PSI)	8~10/114~145	8~10/114~145
AIR INLET CONNECTION(INCH)	1/4"	1/4"
VACUUM DEGREE(MPA)	0~0.1	0~0.1
AIR PRESSURE FOR OIL DISCHARGE(BAR/PSI)	0.7~1/10~14	0.7~1/10~14
OIL TEMPERATURE RANGE(°C)	40~80	40~80
SUCTION SPEED@PROBE DIA. Ø 8 & OIL 60° C(LITER/M/US GALLON/M)	6.5/1.72	6.5/1.72
SUCTION HOSE(DIA. @LENGTH)	1/4x1.5M	1/4x1.5M
DRAINING HOSE(DIA. @LENGTH)	1/4x1.5M	1/4x1.5M
COLLECTION BOWL CAPACITY(LITER/US GALLON)		20/5.3
COLLECTION BOWL DIAMETER(MM)		420x230
MAXIMUM HEIGHT(MM)		1940
MIN HEIGHT(MM)		1500
OPTIONAL EXTENSION FUNNEL DIAMETER(MM)		570
N.W./G.W.(KGS)	22/27	33/39
DIMENSION(MM):	555x445x1405	550x445x1460/590x590x100

PNEUMATIC WASTE OIL EXTRACTOR

HC-3298



HC-3298



Optional extension funnel



Inside metal strainer

TECHNICAL DATA

MODEL NUMBER	HC-3298
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. Ø 8 & OIL 60° C(LITER/M/US GALLON/M)	6.5/1.72
SUCTION HOSE(DIA. @ LENGTH)	1/4X1.5M
DRAINING HOSE(DIA. @ LENGTH)	1/4X1.5M
COLLECTION BOWL CAPACITY(LITER/US GALLON)	20/5.3
COLLECTION BOWL DIAMETER(MM)	420x230
MAXIMUM HEIGHT(MM)	1850
MIN HEIGHT(MM)	1500
OPTIONAL EXTENSION FUNNEL DIAMETER(MM)	570
N.W./G.W.(KGS)	44/50
DIMENSION(MM):	550x445x1460 / 590x590x100

**Feature:**

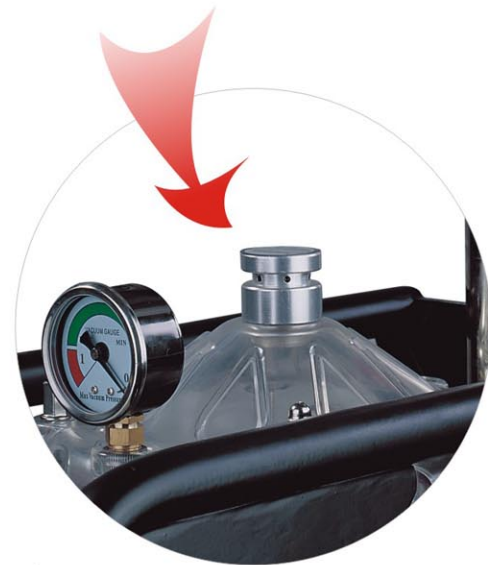
**Modular Cylinder**

- 1.Special design for mould to enhance the intensity, 3 times higher intensity than other common products, can not bend or broken if drop from 1m in height.
- 2.Adopt more reliable quality for the material. Normal working temperature 40–60°C,our cylinder can work under 120°C oil(destry test). Other brand cylinder 100°C oil will destroy the cylinder completely.
- 3.Special cylinder structure reduce leakage problem a lot.



**Anti-explosion Valve**

- 1.Effectively protect the organic glass from explosion if operator make any mistakes.
- 2.We own international patent for this anti-explosion valve.



**Vacuum Generator**

- 1.Made by modular device, standard and reliable.
- 2.Small & smart in design with 30% higher efficiency than other brand products.

**Suction (Exaction Speed)**

- 1.39–73% higher suction speed than other brand products.

**Comparison Sheet**

SUCTION SPEED COMPARISON SHEET								
HPMM MACHINES				OTHER BRAND PRODUCTS				HPMM products
Size of Probe (mm)	Oil Temperature (°C)	Suction Volume	Time (Seconds)	Size of Probe (mm)	Oil Temperature (°C)	Suction Volume	Time (Seconds)	
8 × 700	60	2.5	23	8 × 700	60	2.5	32	39%
7 × 1000	60	2.5	41	7 × 1000	60	2.5	63	53%
6 × 700	60	2.5	72	6 × 700	60	2.5	123	70%
5 × 700	60	2.5	157	5 × 700	60	2.5	272	73%
5 × 630	60	2.5	80	5 × 630	60	2.5	80	
6 × 630	60	2.5	40	6 × 630	60	2.5	40	

HPMM products can achieve a higher suction speed which can suck oil more completely with shorter time.

### Oil Display Scale

1. Over-large oil display scale, easy for view.
2. Easy and fast for dismantle.

### Hose Stand

1. Hose can be hang on it, easy and clean.
2. Convenient for next time usage.



### Support Stand

1. Protection for organic glass and support for oil tray.
2. Make safe during transportation.
3. Coil paper roller can be hang on the central pole.



### Oil Tray

1. Shaped by modular hydraulic press which is standard and reliable.
2. Optional over-large extension oil tray, designed for anti-splatter.
3. 360° swivel.
4. Inside metal strainer.



### Waste Oil Collection Cup

1. Transparent waste oil collection cup make sure your working environment always clean.



### Lift Handle Bar

1. Easy to lift up & down the oil tray.
2. Inside 2 hexagon screws on the handle bar can be fixed to the pole at any certain height.



### Oil Tank

1. Shaped by modular hydraulic press which is standard and reliable.
2. High intensity for the tank body, special design and better appearance.
3. Outside appearance patent.





ELECTRIC WASTE OIL EXTRACTOR

HD-2380

HD-2390



HD-2380



HD-2390

TECHNICAL DATA

MODEL NUMBER	HD-2380	HD-2390
TANK CAPACITY(LITER/US GALLON)	50/13	50/13
POWER SUPPLY(V/HZ/PH)	AC220V/50HZ/1PH	AC220V/50HZ/1PH
POWER(W)	370	370
OIL EJECTION PRESSURE(LBAR/PSI)	0.5/7	0.5/7
AIR INLET CONNECTION	1/4"	1/4"
OIL TEMPERATURE RANGE(°C)	40-80	40-80
OIL TRAY(LITER/US GALLON)		20/5.3
SUCTION SPEED(LITER/M/US GALLON/M)	1.5~2/0.4~0.5	1.5~2/0.4~0.5
SUCTION HOSE(DIA. @ LENGTH)	1/4X1500	1/4X1500
DRAINING HOSE(DIA. @ LENGTH)	1/4X1500	1/4X1500
COLLECTION BOWL CAPACITY(LITER/US GALLON)		20/5.3
COLLECTION BOWL DIAMETER(MM)		420
MAXIMUM HEIGHT(MM)		1940
MIN HEIGHT(MM)		1500
OPTIONAL EXTENSION FUNNEL DIAMETER(MM)		570
N.W./G.W.(KGS)	32/35	36/42
DIMENSION(MM):	500X455X1265	500X455X1265/450X450X300

HW-31026

HW-31026A

HW-51026

HW-51026A



HW-31026



HW-31026A



HW-51026



HW-51026A

A=With Pneumatic Fluid Suction Function.

## TECHNICAL DATA

MODEL NUMBER	HW-31026/31026A	HW-51026/51026A
Tank capacity	30L/8Gallon	30L/8Gallon
Air pressure for spray	8bar/115Psi	8bar/115Psi
Spray Hose	Ø6.5mm x 5mm	Ø6.5mm x 5mm
Spray Gun Length	620mm	620mm
Air inlet connection	G1/4"fiting or Quick Plug	G1/4"fiting or Quick Plug
Weight	23kg	25kg
CBM:	0.11m <sup>3</sup>	0.11m <sup>3</sup>
DIMENSION	360 x 350 x 930mm	360 x 350 x 930mm

MANUAL OIL DISPENSER

PNEUMATIC OIL DISPENSER

PNEUMATIC OIL DISPENSER  
(STAINLESS STEEL)

HG-32026 HG-33026/33026A

HG-53026/53026A



HG-32026

HG-33026

HG-33026A

HG-53026

HG-53026A

A=With Pneumatic Fluid Suction Function.

## TECHNICAL DATA

MODEL NUMBER	HG-32026	HG-33026/33026A	HG-53026/53026A
tank capacity	30L/8Gallon	30L/8Gallon	30L/8Gallon
Max.working pressure	8bar/115Psi	8bar/115Psi	8bar/115Psi
Dispenser Hose	Ø8mm x 3.5mm	Ø8mm x 3.5mm	Ø8mm x 3.5mm
Dispenser Gun Length	130mm	130mm	130mm
Air inlet connection		G1/4"fiting or Quick Plug	G1/4"fiting or Quick Plug
Weight	18kg	15kg	15kg
CBM:	0.11m <sup>3</sup>	0.11m <sup>3</sup>	0.11m <sup>3</sup>
DIMENSION	360 x 350 x 930mm	360 x 350 x 930mm	360 x 350 x 930mm

MANUAL GREASE DISPENSER

HG-68012



HG-68012

PNEUMATIC GREASE DISPENSER

HG-68213



HG-68213

TECHNICAL DATA

MODEL NUMBER	HG-68012	HG-68213
AIR INLET PRESSURE		6-8BAR/85-115PSI
OUTPUT PRESSURE	130~140Bar/1820~2000PSI	30-40MPA/4285-5715PSI
SIZE OF PIPE	1/4" x 4M/13.12FT	1/4" x 4M/13.12FT
TANK CAPACITY	13KGS/28LB	13KGS/28LB
PUMP RATIO	Manual Pump	50:1
DELIVERY SPEED	DEPENDS OF STRENGTH OF USE	400 ~ 600G/MIN; 0.88-1.76LB/MIN
DIMENSION	370x340x760MM	370*340*830MM
N.W./G.W.	9/11KGS	12/14KGS

# LUBRICATION EQUIPMENTS (MOBILE OIL PUMP UNIT)



## 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 4 m of connection hose

#### 71031740

#### 3:1 Mobile Oil Pump Unit

Includes:

70031740

3:1 oil pump, 740mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001050

20-60kg drum trolley

70781204

1/2"x4m oil connection hose

#### 71051740

#### 5:1 Mobile Oil Pump Unit

Includes:

70051740

5:1 oil pump, 740mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001050

20-60kg drum trolley

70781204

1/2"x4m oil connection hose

## Mobile Oil Pump Unit



### 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 of connection hose

#### 71031940

#### 3:1 Mobile Oil Pump Unit

Includes:

70031940

3:1 oil pump, 940mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001200

180-200kg drum trolley

70781204

1/2"x4m oil connection hose

#### 71051940

#### 5:1 Mobile Oil Pump Unit

Includes:

70051940

5:1 oil pump, 940mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001200

180-200kg drum trolley

70781204

1/2"x4m oil connection hose

## Mobile Oil Pump Unit



### Mobile Unit for 180 to 200 L Drum with Hose Reel

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

#### 71031948 3:1 Mobile Oil Pump Unit

Includes:

70031940	3:1 oil pump, 940mm suction tube
70981023	Digital oil meter control valve with flexible hose, auto tip
80001208	180-200kg drum trolley
70781204	1/2"x4m 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
70981023	Digital oil meter control valve with flexible hose, auto tip
80001208	180-200kg drum trolley
70781204	1/2"x4m oil connection hose
IRN2104	Industrial oil hose reel 1/2"x10m

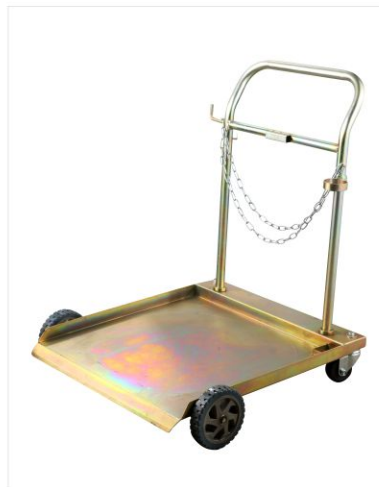
## Steel Drum Trolley

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: 80001050

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



#### 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 other accessories.



#### Item: 80001208

hose reel can be mounted using  
optional bracket.

# Pre-selection Digital Meter Control Valve



## Pre-selection Digital Meter Control Valve

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 3V

Pre-selectable quantity: 0.1L min, 99.9L max  
 Flow rate: 1 to 30L /min  
 Precision: +/- 1%, in all flow range  
 Repetitiveness: 0.2%  
 Loss of pressure: 0.7 bar  
 Max working pressure: Max 70 bar  
 Input with rotating: 1/2" BSP/NPT  
 Meter body input/output: 1/2" BSP/NPT

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



Preset quantity facilities



Large filler



Battery Case



Pressure meter for checking the function



## Digital Meter Control Valve

Flow rate: 1 to 30L /min  
 Precision: +/- 1%, in all flow range  
 Repetitiveness: 0.2%  
 Loss of pressure: 0.7 bar  
 Max working pressure: Max 70 bar  
 Input with rotating: 1/2" BSP/NPT  
 Meter body input/output: 1/2" BSP/NPT

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



## Oil Control Valve

Flow rate: 1 to 30L /min  
 Max working pressure : Max 70 bar  
 Input with rotating 1/2" BSP/NPT  
 Meter body input/output: 1/2" BSP/NPT

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

## Oil meter accessories



**70900023**  
Flexible hose with automatic non-dip valve



**70900003**  
Automatic non-dip valve



**70900022**  
Flexible hose with manual non-dip valve



**70900002**  
High flow rate Manual non-dip valve



**70900011**  
Right tube with manual non-dip valve



**70900001**  
Low flow Manual non-dip valve



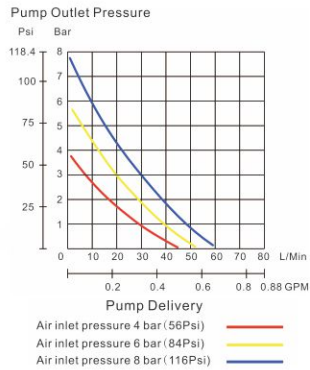
SAE100R1AT, W.P. 2000psi/134 bar  
 Hose end: 1/4" male BSPT/NPT fitting  
 1/4" rotate female BSP/NPS fitting

Hose	Length
70781202	2m
70781204	4m
70781215	15m

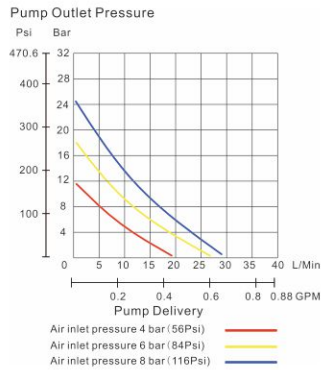


# Air Operated Oil Pumps

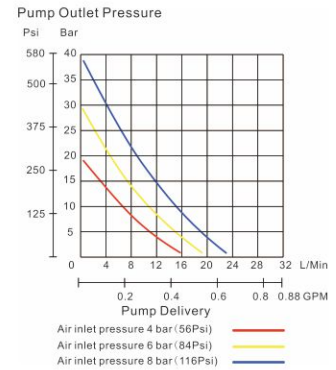
Test media: SAE30 oil, +20°C. 2M hose length free outlet



1:1 Oil Pump



3:1 Oil Pump



5:1 Oil Pump



Suction Tube Diameter 49 mm

Double acting air operated pumps for transferring lubricants and other non-corrosive fluids. Typically used in workshops, service stations, fleet maintenance in mining, agriculture, armed forces, construction, trains, ect.

## 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"	8.0 Kgs
70011740	740mm / 29"	10 Kgs
70011940	940mm / 37"	12 Kgs



## 1:1 Oil Pump Wall Mounting Unit

Standard model composed of 1:1 oil pump, Suction hose and mounting bracket

Includes:	
70011270	1:1 oil pump, 270mm suction tube
70981023	Digital oil meter control valve
70915270	Wall bracket
70915200	2m oil Suction hose

## Air Operated Oil Pumps

Double acting air operated medium pressure for dispensing lubricants from mobile units or in medium size installations. including the multiple dispensing points without simultaneous use. Pumps can pump all type of lubricants , even those of higher viscosity.



Suction Tube  
Diameter 34 mm

### Oil Pump Pressure rate: 3:1

Operating air pressure	3-8 bar
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 "	8.0 Kgs
70031740	730mm / 29"	10 Kgs
70031940	940mm / 37"	12 Kgs



Suction Tube  
Diameter 30 mm

### Oil Pump Pressure rate: 5:1

Operating air pressure	3-8 bar
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	30 mm
Connections	Air inlet quick plug Oil outlet 1/2" BSP

Item	Suction tube length	Weight
70051270	270mm /10.6 "	8.0 Kgs
70051740	740mm / 29"	10 Kgs
70051940	940mm / 37"	12 Kgs



### Multi-purpose 2" BSP Bung Adaptor

Easy to clamp the different diameter pumptube 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

# LUBRICATION EQUIPMENTS (MOBILE GREASE PUMP UNIT)



## 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 4 m of connection hose

#### 71031740

#### 3:1 Mobile Oil Pump Unit

Includes:

70031740

3:1 oil pump, 740mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001050

20-60kg drum trolley

70781204

1/2"x4m oil connection hose

#### 71051740

#### 5:1 Mobile Oil Pump Unit

Includes:

70051740

5:1 oil pump, 740mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001050

20-60kg drum trolley

70781204

1/2"x4m oil connection hose

## Mobile Oil Pump Unit



### 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 of connection hose

#### 71031940

#### 3:1 Mobile Oil Pump Unit

Includes:

70031940

3:1 oil pump, 940mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001200

180-200kg drum trolley

70781204

1/2"x4m oil connection hose

#### 71051940

#### 5:1 Mobile Oil Pump Unit

Includes:

70051940

5:1 oil pump, 940mm suction tube

70981023

Digital oil meter control valve with flexible hose, auto tip

80001200

180-200kg drum trolley

70781204

1/2"x4m oil connection hose

## Mobile Grease Pump Unit



### 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 Mobile Oil 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

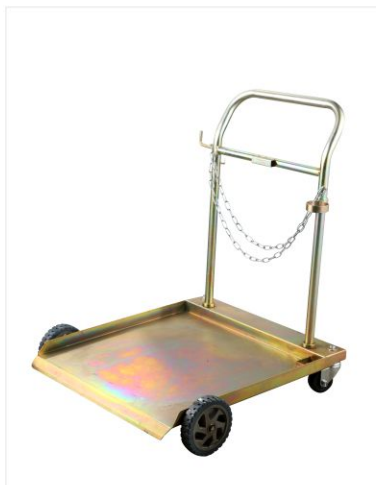
## Steel Drum Trolley

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.



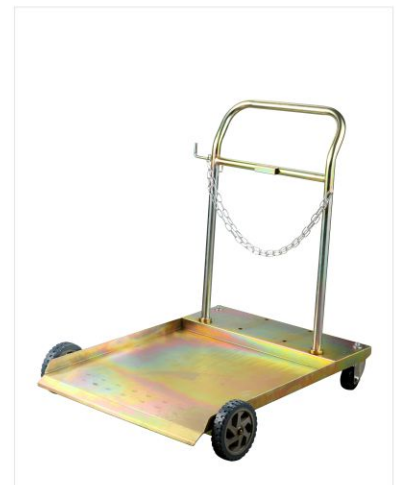
### Item: 80001050

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



### 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: 80001208

hose reel can be mounted using  
optional bracket.

## 50:1 Air Operated Grease Pumps



Suction Tube  
Diameter 32 mm

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.

### Grease Pump Pressure Rate: 50:1

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	1/2" BSP

Item	Suction tube length	Weight
60501480	480mm / 19 "	8.0 Kgs
60501740	740mm / 29"	10 Kgs
60501940	940mm / 37"	12 Kgs



### Multi-purpose 2" BSP Bung Adaptor

Easy to clamp the different diameter pumptube 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

## Accessories for Grease Pumps



### Drum Cover

Drum Cover	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

Follower plate	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

SAE100R2AT, WP: 5000psi/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

# **LUBRICATION EQUIPMENTS (HOSE-REEL)**





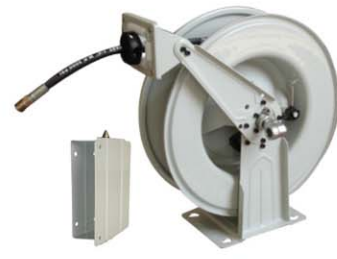
# INDUSTRIAL HOSE REEL



**IRA series**



**BRS0104  
SS swivel base** **IRS series**



**BR0104  
Swivel base** **IRN series**

## Steel Spring Driven Hose Reel Double Arm

Heavy-duty steel construction for long life in industrial and automotive applications  
Carbon steel drum, arm, and bracket in corrosion resistant powder coating Wall, ceiling or floor mounted

### IRA series

#### ABS Drum Spring Driven Hose Reel Double Arm

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

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRA1153	3/8"	300/20	3/8"	50/15	Air, water reel
IRA2154	1/2"	2000/138	1/2"	50/15	Oil reel
IRA3152	1/4"	5000/345	1/4"	50/15	Grease reel
IRA4153	3/8"	2900/200	3/8"	50/15	Hot water reel

### IRS series

#### ABS Drum Spring Driven Hose Reel Stainless steel frame

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

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRS1153	3/8"	300/20	3/8"	50/15	Air, Water reel
IRS2154	1/2"	2000/138	1/2"	50/15	Oil reel
IRS3152	1/4"	5000/345	1/4"	50/15	Grease reel
IRS4153	3/8"	2900/200	3/8"	50/15	Hot water reel

### IRN series

#### Steel Spring Driven Hose Reel Double Arm

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

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRN1103	3/8"	300/20	3/8"	33/10	Air, Water reel
IRN1153	3/8"	300/20	3/8"	50/15	Air, Water reel
IRN2104	1/2"	2000/138	1/2"	33/10	Oil reel
IRN2154	1/2"	2000/138	1/2"	50/15	Oil reel
IRN3102	1/4"	5000/345	1/4"	33/10	Grease reel
IRN3152	1/4"	5000/345	1/4"	50/15	Grease reel
IRN4153	3/8"	3000/200	5/16"	50/15	Hot water reel

## INDUSTRIAL HOSE REEL



**IRC series**



**IRE series**



**IRL series**

### Steel Spring Driven Hose Reel Double Arm

Heavy-duty steel construction for long life in industrial and automotive applications  
Carbon steel drum, arm, and bracket in corrosion resistant powder coating  
Wall, ceiling or floor mounted

#### IRC series

#### Enclosed Steel Spring Driven Hose Reel

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

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRC1093	3/8"	300/20	3/8"	30/9	Air ,Water reel
IRC2094	1/2"	2000/138	1/2"	30/9	Oil reel
IRC3092	1/4"	5000/345	1/4"	30/9	Grease reel

#### IRE series

#### Enclosed Steel Spring Driven Hose Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRE1103	3/8"	300/20	3/8"	33/10	Air ,water reel
IRE1153	3/8"	300/20	3/8"	50/15	Air ,water reel
IRE2104	1/2"	2000/138	1/2"	33/10	Oil reel
IRE2154	1/2"	2000/138	1/2"	50/15	Oil reel
IRE3102	1/4"	5000/345	1/4"	33/10	Grease reel
IRE3152	1/4"	5000/345	1/4"	50/15	Grease reel

#### IRL series

#### Large Steel Spring Driven Hose Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRL2304	1/2"	2000/138	1/2"	100/30	Oil reel
IRL2206	3/4"	1250/87	3/4"	66/20	Oil reel
IRL2158	1"	1000/69	1"	50/15	Oil reel
IRL4304	1/2"	300/20	1/2"	100/30	Water reel
IRL4206	3/4"	300/20	3/4"	66/20	Water reel
IRL4158	1"	300/20	1"	50/15	Water reel

## INDUSTRIAL HOSE REEL LOW PRESSURE - AIR

### Steel Spring Driven Hose Reel Single Arm

Heavy-duty steel construction for long life in industrial and automotive applications  
Carbon steel drum, arm, and bracket in corrosion resistant powder coating Wall, ceiling or floor mounted



L805 series



L815 series



L801 series

### L805 series

Small Size Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRL805082	1/4"	300/20	1/4"	25/7.5	Air Reel
IRL805102	1/4"	300/20	1/4"	33/10	Air Reel
IRL805083	3/8"	300/20	3/8"	25/7.5	Air Reel
IRL805103	3/8"	300/20	3/8"	33/10	Air Reel

### L815 series

Medium Size Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRL815152	1/4"	300/20	1/4"	50/15	Air Reel
IRL815153	3/8"	300/20	3/8"	50/15	Air Reel
IRL815104	1/2"	300/20	1/2"	33/10	Air Reel

### L801 series

Large Size Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRL801153	3/8"	300/20	3/8"	50/15	Air Reel
IRL801203	3/8"	300/20	3/8"	65/20	Air Reel
IRL801154	1/2"	300/20	1/2"	50/15	Air Reel
IRL801204	1/2"	300/20	1/2"	65/20	Air Reel

## INDUSTRIAL HOSE REEL MEDIUM PRESSURE - OIL & GREASE

### Steel Spring Driven Hose Reel Single Arm

Heavy-duty steel construction for long life in industrial and automotive applications Carbon steel drum, arm, and bracket in corrosion resistant powder coating Wall, ceiling or floor mounted



**M815 series**



**M801 series**



**H815 series**



**H801 series**

#### **M815 series** Medium Size Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRM815084	1/2"	2000/138	1/2"	25/7.5	Oil Reel
IRM815104	1/2"	2000/138	1/2"	33/10	Oil Reel

#### **M801 series** Large Size Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRM801154	1/2"	2000/138	1/2"	50/15	Oil Reel
IRM801204	1/2"	2000/138	1/2"	65/20	Oil Reel

## INDUSTRIAL HOSE REEL HIGH PRESSURE - GREASE

#### **H815 series** Medium Size Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRH815082	1/4"	5000/345	1/4"	25/7.5	Grease Reel
IRH815102	1/4"	5000/345	1/4"	33/10	Grease Reel

#### **H801 series** Large Size Reel

Item	Inlet/outlet	Max pressure (Psi/bar)	Hose capacity		Application
	(Inch)		I.D.(inch)	Length(ft/m)	
IRH801152	1/4"	5000/345	1/4"	50/15	Grease Reel
IRH801202	1/4"	5000/345	1/4"	65/20	Grease Reel

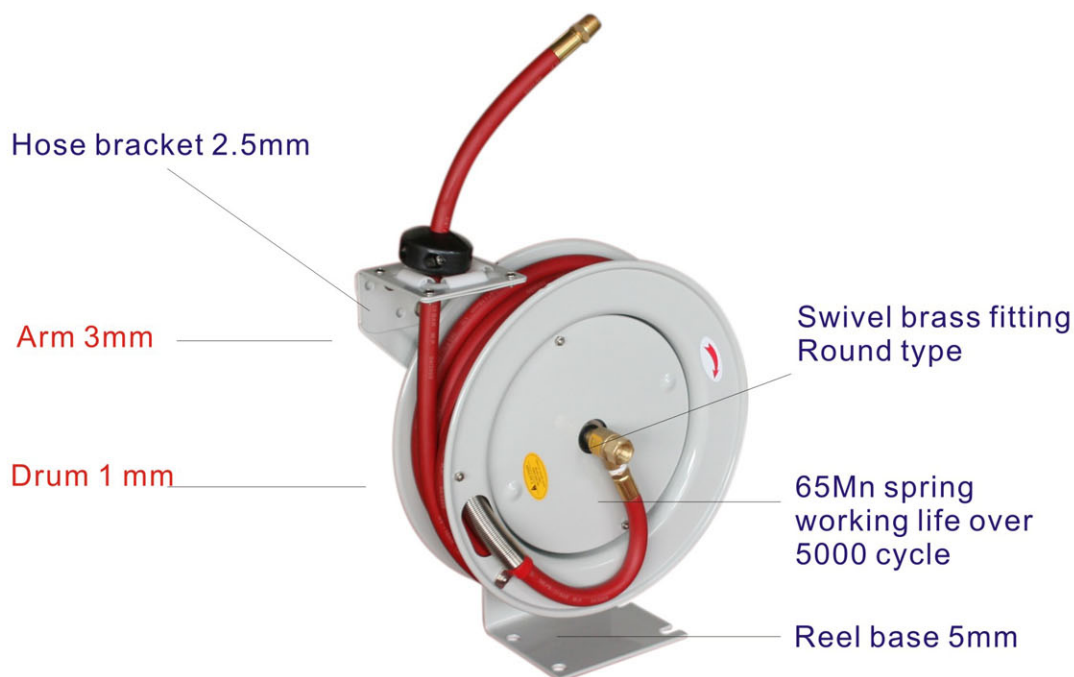
FOR INDUSTRIAL MARKETING

IRL 801153

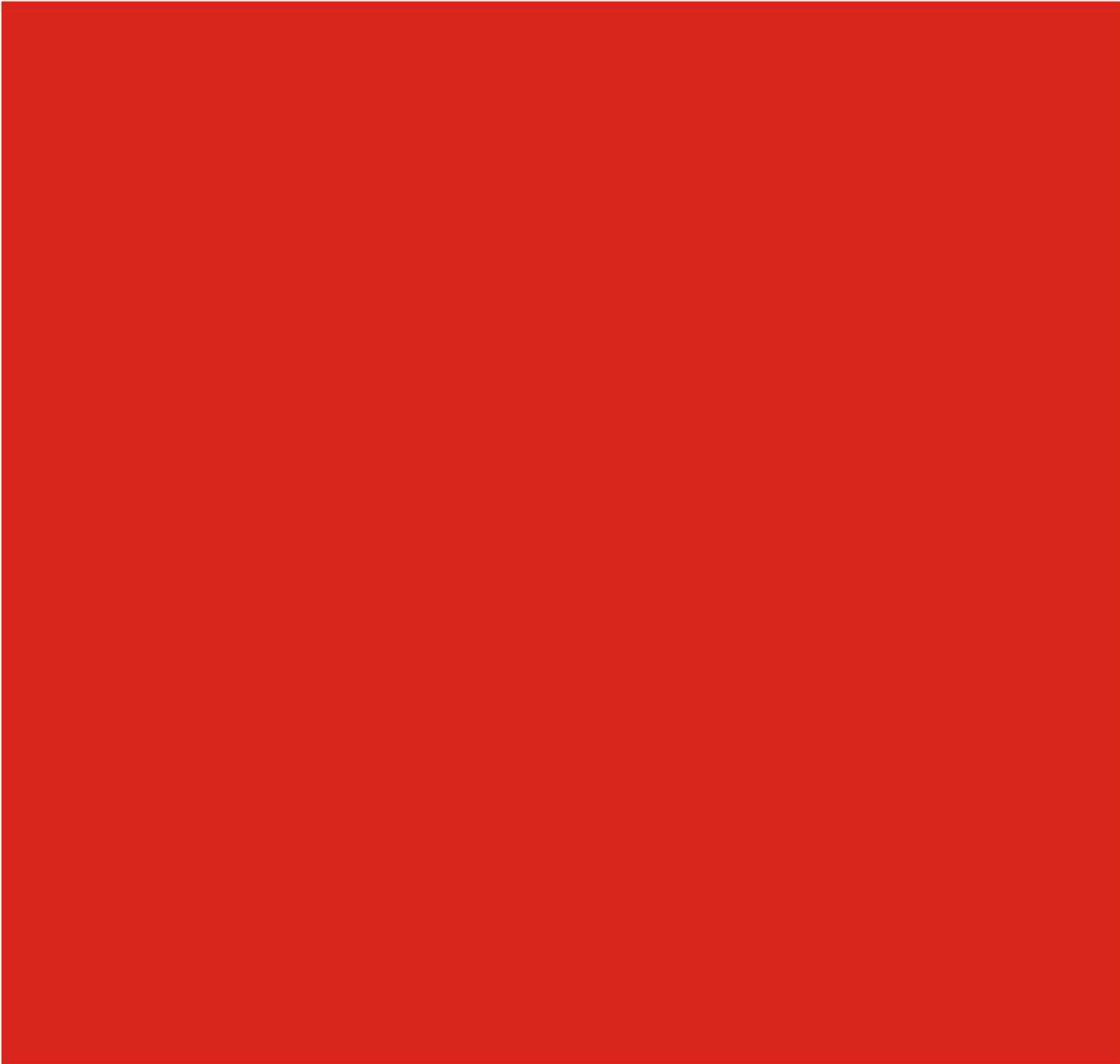


FOR DIY MARKETING

801153



**LUBRICATION EQUIPMENTS ▶  
(FREE DISMANTLE CLEANING MACHINES)**



# TRANSMISSION FLUID OIL EXCHANGER

## GA-322

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.



GA-322  
GD-322



GA-322LCD



- 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

### TECHNICAL DATA

MODEL NUMBER	GA-322	GA-322LCD	GD-322
Power:	Air Compressor	AC220V /50HZ/1phase 350W	AC220V /50HZ/1phase 350W
Operation:		Automatic	
Working Pressure:	70~90PSI	70~90PSI	80~120PSI
Suit For:	Gasoline/diesel vehicles	Gasoline/diesel vehicles	Gasoline/diesel vehicles
Meas.:	650*520*1160mm	650*520*1160mm	650*520*1160mm
G.W.:	60kgs	60kgs	60kgs

## ENGINE LUBRICATING SYSTEM CLEANER

GL-122 GD-122



GL-122  
GD-122

Free of disassemble the engine

Aluminium pump.

Effectively solve the problem of difficult starting, unsteady idle and too much fuel consumption.

### TECHNICAL DATA

MODEL NUMBER	GL-122
POWER:	Air Compressor
WORKING PRESSURE:	70~90PSI
SUIT FOR:	Gasoline/diesel vehicles

MODEL NUMBER	GD-122
POWER:	AC220V /50HZ/1phase 350W
WORKING PRESSURE:	80 ~ 120PSI
SUIT FOR:	Gasoline/diesel vehicles

## FUEL SYSTEM CLEANING MACHINE

GF-220 GD-220



GF-220  
GD-220

Free of disassemble the engine

Aluminium pump.

Effectively solve the problem of difficult starting, unsteady idle and too much fuel consumption.

### TECHNICAL DATA

MODEL NUMBER	GF-220
POWER:	Air Compressor
WORKING PRESSURE:	70~90PSI
SUIT FOR:	Gasoline/diesel vehicles

MODEL NUMBER	GD-220
POWER:	DC12V 120W
WORKING PRESSURE:	60~120PSI
SUIT FOR:	Gasoline/diesel vehicles



## WATER TANK MAINTENANCE MACHINE

**GB-522A GD-522A**



GB-522A  
GD-522A

Recycle cleaning and exchange coolant/water directly from the radiator spout or reservoir tank. Can be used on cars, SUV's and trucks.

For the cooling system

Simply connect and the old fluid is sucked out and new one put in.

Quick and easy for operation.

### TECHNICAL DATA

MODEL NUMBER	GB-522A
POWER:	Air Compressor
WORKING PRESSURE:	85~100PSI
SUIT FOR:	Gasoline/diesel vehicles

MODEL NUMBER	GD-522A
POWER:	AC220V /50HZ/1phase 350W
WORKING PRESSURE:	80~120PSI
SUIT FOR:	Gasoline/diesel vehicles

## POWER STEERING FLUID OIL EXCHANGER

**GC-622A GD-622A**



GC-622A  
GD-622A

Exchanging the power steering fluid.

Pressure for new in and old fluid out.

### TECHNICAL DATA

MODEL NUMBER	GC-622A
POWER:	Air Compressor
WORKING PRESSURE:	85~100PSI
SUIT FOR:	Gasoline/diesel vehicles

MODEL NUMBER	GD-622A
POWER:	AC220V /50HZ/1phase 350W
WORKING PRESSURE:	60~80PSI
SUIT FOR:	Gasoline/diesel vehicles

## BRAKE FLUID EXCHANGER(ELECTRIC)

# GD-422

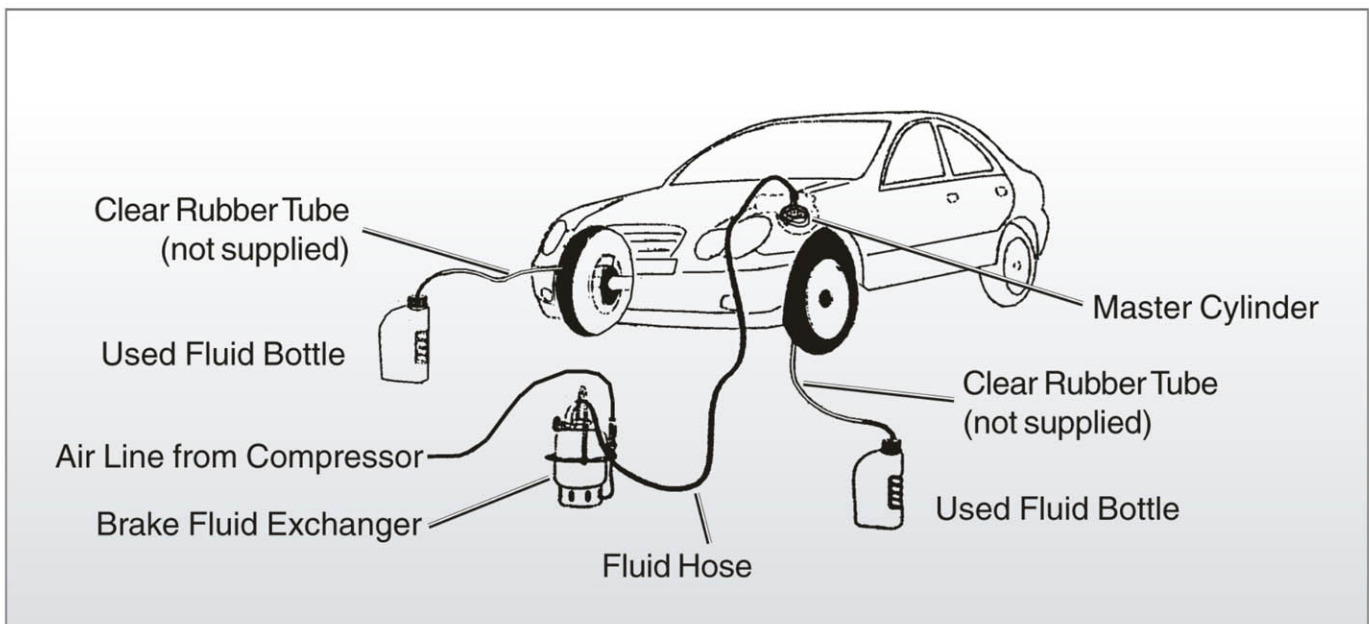


GD-422

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. In order avoiding the risk of emulsion.

### TECHNICAL DATA

MODEL NUMBER	GD-422
Power:	DC12V 120W
Working Pressure:	0~120PSI
Suit For:	Most types and models of vehicle brake system
Meas.:	650*520*1160mm
G.W.:	60kgs



## BRAKE FLUID EXCHANGER(PNEUMATIC)

**GS-432 GS-452**

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. In order avoiding the risk of emulsion.



GS-432



GS-452

### TECHNICAL DATA

MODEL NO.:	GS-432	GS-452
Power:	AIR COMPEESSOR	AIR COMPEESSOR
Reserve Tank Max:Pressure	10bar/143PSI	10bar/143PSI
Working Pressure:	0.7~3bar/10~40PSI	0.7~3bar/10~40PSI
Safety Valve Pressure:	3Bar/40PSI	3Bar/40PSI
Tank Capacity:	6Liter(1.58Gallon)	10Liter(2.64Gallon)
Delivery Hose Length:	5M	5M