

# INDEX

Used Oil Drainer Series	1
Oil Extracting Machine Series	2
Oil Extracting & Draining Machine Series	3
Oil Extracting Machine Series	4.
Double Vacuum Oil Changing Machine Series	5~6
Oil Extracting & Draining & Filling Machine Series	7
Oil Extracting & Filling Machine Series	8.
Oil Filling Machine Series	9~10
Combustion Chamber Cleaning Machine Series	11
A/C System Flushing Machine Series	12~13
Engine Flushing Machine	14
Foam Washing Machine	15
CNC Flushing Machine Series	16~17
Other Products	Back Cover

## Used Oil Drainer Series

### Open Type Ration Used Oil Drainer

#### Features:

- The height of the draining bowl can be adjusted to fit most car-lifting jacks. The draining bowl can be raised to any level.
- A 520mm, extra large draining bowl prevents used oil from spilling. It saves the troubles of using conventional plastic draining bowls, which may be aged, fragile or deformed.
- It is suitable for used on the vehicles with an oil draining hole under the chassis.
- It is easy to operate and keeps the work space clean.



5L

- HD-20 (with 5L measure cup)



- N-shape pipe (Optional Accessories)



- Patent No.81598 HD-40, HD-80 (Standare Accessories)

### Used Oil Drainer



40L

- HD-40



80L

- HD-80

Unit: mm & kgs Pressure: kg/cm<sup>2</sup>

Model	HD-20	HD-40	HD-80
Capacity	20L	40L	80L
Used Pressure	5~7		
Machine Size	725x520x1070~1450	520x520x950~1280	520x520x1090~1570
Discharge Style	Air pressure		
Packaging	3'	5.7'/1.6' *	6'/1.6'*
Net Weight	14	25/3 *	27 *
Gross Weight	16	27/4 *	29 *

\* Iron Funnel.

# Oil Extracting Machine Series

## Vacuum Type Oil Extracting Machine

### Features:

- Oil is extracted by the vacuum ejector, saving the troubles of repairing the pump or the motor. Cleaning the filter net is unnecessary, either. Oil can be directly extracted without a lifter.
- It is suitable for all the vehicles either with or without an oil-draining hole under the chassis.
- The operation is easy and fast.
- It can be used to extract a variety of lubricant, gear oil, engine oil, gasoline oil, diesel oil, water and neutral liquid.
- Use the vacuum ejector to extract oil by air pressure. It can store pressure and extract or drain oil at any place.



• Extracting oil is clearly visible.



• Accessories Hose



12L

- **HV-120N** (Oil loading Cup)
- HV-120** (No oil cup)



25L

- **HV-25N** (Oil loading Cup)
- HV-25** (No oil cup)
- Clear and simple oil level indicated by two adjustable rings.



80L

- **HV-80N** (Oil loading Cup)
- HV-80** (No oil cup)
- **HV-40N** (Oil loading Cup)
- HV-40** (No oil cup)

Unit: mm & kgs Pressure: kg/cm<sup>2</sup>

Model	HV-120	HV-120N	HV-25	HV-25N	HV-40	HV-40N	HV-80	HV-80N
Capacity	12L		25L		40L		80L	
Used Pressure	5~7				5~7			
Power	HV-01		HV-03		HV-03			
Machine Size	285x250x860		320x320x930		460x460x750		460x460x950	
Hose Accessories	A.D.E.F.				A.B.C.D.F.			
Discharge Style	Air pressure							
Packaging	1.9'	1.9'	2.8'	2.8'	5.7		6	
Net Weight	12	13	18	19	22	23	27	28
Gross Weight	13	14	19	20	24	25	30	31



# Oil Extracting & Draining Machine Series

## Vacuum Ejector Type

### Features:

- Oil is extracted by the vacuum ejector; it saves the troubles of repairing the pump or the motor.
- It can be used to pump a variety of lubricants, gear oil, engine oil, gasoline, diesel oil, water and neutral liquid.
- A 520mm, extra large draining bowl prevents waste oil from spilling. It saves the troubles of using conventional plastic draining bowls, which may be aged, fragile or deformed.
- Applying the patented automatic retraction design, it is unnecessary to raise and hold down the draining bowl manually for capturing and draining the oil.
- Use a vacuum ejector to extract oil. Air pressure can be stored and used for draining.
- Two major functions in one machine, saving work space and equipment costs.

Unit: mm & kgs Pressure: kg/cm<sup>2</sup>

Model	HD-408 / 408N		HD-808 / 808N	
Capacity	40L		80L	
Used Pressure	5-7kg/cm <sup>2</sup>		HV-03	Vacuum Ejector
Machine Size	520X520X1015~1345		520X520X1145~1635	
Hose Accessories	A.B.C.E.F.			
Discharge Style	Air Pressure			
Packaging	5.7'/1.6' *		6'/1.6' *	
Net Weight	25/3 *	26/3 *	30/3 *	31/3 *
Gross Weight	27/4 *	28/4 *	32/4 *	33/4 *

\* Iron Funnel.



• HD-408 (Oil loading Cup)  
HD-408N (No oil cup)



• HD-808 (Oil loading Cup)  
HD-808N (No oil cup)

## Oil Extracting Machine Series

### Rationing Open AC, DC Electric, Pneumatic Motor Pump Type

### Features:

- Oil flow is visible through a clear oil cup.
- Detached tank design, to be connected to any preferred reservoir. A clear 5-liter measuring cup is a standard component.
- The quantity and quality of the extracted oil can be clearly visible.
- It is suitable for all the vehicles either with or without an oil-draining hole under the chassis.
- It can be used for extracting engine oil, transmission oil, gear oil and lubricant.
- When extracting A.T.F. oil, the amount of used oil extracted and new oil replaced can be exactly measured and matched.
- Simple DIY assembly design with reduced packaging volume and material cost, resulting in a low, affordable price.

Unit: mm & kgs Pressure: kg/cm<sup>2</sup>

Model	HN-20	HN-20AC	HN-20DC
Capacity	20L		
Used Pressure	5~7		
Power	AP-35	1/8HP(AC)	12V(DC)
Machine Size	340x400x760		
Hose Accessories	A.B.C.D.E.		
Packaging	3.5'		
Net Weight	19	21	20
Gross Weight	21	23	22



• Accessories Hose



• HN-20AC (110V)  
• HN-20DC (12V)

# Oil Extracting Machine Series

Pneumatic Motor Pump Type ,  
AC Electric Type, DC Electric Type

## Features:

- Oil flow is visible through a clear oil cup.
- Filter net screens out impurities to protect. Machine service life is prolonged.
- Oil can be directly extracted without a lifter; suitable for all the vehicles either with or without an oil-draining hole under the chassis. The operation is easy and fast.
- Oil is driven by the pneumatic pump; or electric motor pump therefore, the oil can be extracted immediately. It differs from the vacuum type in that the extracting procedure is to vacuum the tank first and then to extract the oil.
- It can be used for extracting engine oil, transmission oil, gear oil, and lubricant.
- Use air pressure to empty oil pan. The compressed air in the tank can be stored and released in any place.



• Accessories Hose



25L

- **HN-25** Pneumatic motor
- **HN-25AC** (110V)
- **HN-25DC** (12V)



40L

- **HN-40** Pneumatic motor
- **HN-40AC** (110V)
- **HN-40DC** (12V)



80L

- **HN-80** Pneumatic motor
- **HN-80AC** (110V)
- **HN-80DC** (12V)

Unit: mm & kgs Pressure: kg/cm<sup>2</sup>

Model	HN-25/40 / 80			HN-25AC/40AC/80AC			HN-25DC/40DC/80DC		
Capacity	25L	40L	80L	25L	40L	80L	25L	40L	80L
Power	AP-35			1/8HP(AC)			12V		
Machine Size	25L:320x320x945 / 40L: 460x460x760 / 80L:460x460x930								
Hose Accessories	A.B.C.D.E.								
Discharge Style	Air pressure (5-7kg/m <sup>2</sup> )								
Packaging	25L:3.4' / 40L:5.7' / 80L:6.3'								
Net Weight	21	24	29	21	26	31	21	25	30
Gross Weight	22	26	32	22	28	34	22	27	33



# Oil Extracting & Draining & Filling Machine Series

Rationing Open Pneumatic Motor Pump Type /  
Rationing Open AC Type / Rationing Open DC Type

## Features:

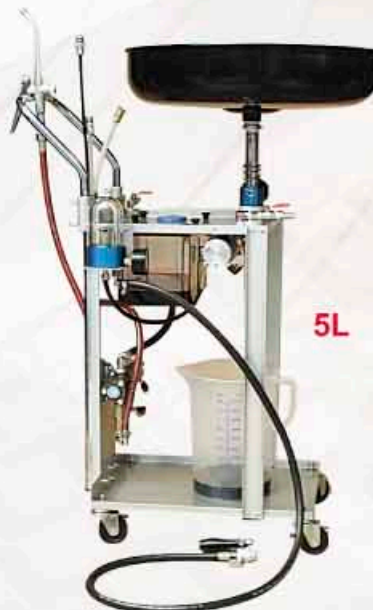
- Detached tank design, to be connected to any preferred reservoir. A clear 5-liter measuring cup is a standard component.
- The quantity and quality of the extracted oil can be clearly visible.
- Performs dual functions-oil extracting and draining.
- Filter net screens out impurities to protect the motor pump. Machine service life is prolonged.
- Oil flow is visible through a clear cup.
- A 520mm, extra large draining bowl prevents waste oil from spilling. It saves the troubles of using conventional plastic draining bowls, which may be aged, fragile or deformed. It can be used for extracting engine oil, transmission oil, gear oil, and lubricant.
- When extracting A.T.F. oil, the amount of used oil extracted and new oil replaced can be exactly measured and matched.
- Two major functions in one machine, saving work space and equipment costs.



- Jack up cars to drain the oil. Convenient for operation.



• HD-204F



• HD-206F  
Three Functions



• HD-206 Air Motors  
• HD-206AC (110V)  
• HD-206DC (12V)

Unit: mm & kgs Pressure: kg/cm<sup>2</sup>

Model	HD-204F	HD-206F	HD-206	HD-206AC	HD-206DC
Capacity	20/4L	20/4L		20L	
Used Pressure	5~7				
Power	AP-35	Double AP-35	AP-35	1/8HP(AC)	12V
Machine Size	725x520x1070~1450				
Hose Accessories	A. B. C. D.E.G1.G2		A. B. C. D.E.		
Packaging	5.1'				
Net Weight	19/3*	19/3*	16/3*	18/3 *	17/3
Gross Weight	20/4*	20/4*	18/4*	20/4*	19/4*

\* Iron Funnel

# Oil Extracting & Filling Machine Series

Vacuum Ejector Type & Pneumatic Motor Pump Type

# Oil Extracting & Draining & Filling Machine Series

Vacuum Ejector & Pneumatic Motor Pump Type / Vacuum Ejector

### Features:

- There are three functions-oil extracting, draining and filling.
- It is suitable for use on jobs that require small quantity of oil, and at any place where filling is inconvenient to do.
- The clear oil tank design makes the clarity and quantity of the replacement oil visible. It can be convincing and pleasant to the car owners.
- Filling is driven by a pneumatic motor pump. The new oil is absolutely free from contacting the air.



40L+4L

- **HD-404FN** (Oil loading Cup)
- HD-404F** (No oil cup)
- Three function



40L+4L

- **HA-404FN** (Oil loading Cup)
- HA-404F** (No oil cup)



80L+4L

- **HA-804FN** (Oil loading Cup)
- HA-804F** (No oil cup)



80L+4L

- **HD-804FN** (Oil loading Cup)
- HD-804F** (No oil cup)
- Three function

Unit: mm & kgs Pressure: kg/cm<sup>2</sup>

\* Iron Funnel.

Model	HA-404F / 404FN		HA-804F / HA-804FN		HD-404F / 404FN		HD-804F / 804FN	
Capacity	40/4L		80/4L		40/4L		80/4L	
Used Pressure	5~7kg/cm <sup>2</sup>							
Power	AP-35 / Puenumatic motor/ HV-03 Vacuum Ejector							
Machine Size	460x460x865		460x460x1030		520x520x1150~1380		520x520x1240~1380	
Hose Accessories	A.B.C.E.F.				A.B.D.E.F.G1.G2			
Filling	AP-35 / Pneumatic Motor							
Packaging	6.5'		7'		6'/1.6' *		6.5'/1.6' *	
Net Weight	28	29	33	34	28/3*	29/3*	33/3*	34/3*
Gross Weight	31	32	36	37	31/4*	32/4*	36/4*	37/4*

\* Iron Funnel