

## 07 WASTE OIL EQUIPMENT

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## USED FLUID COLLECTION UNITS

**M**obile units designed for the collection of used fluids like motor oil, gear oil, antifreeze and coolant fluids as well as other no aggressive A-III class automotive fluids.

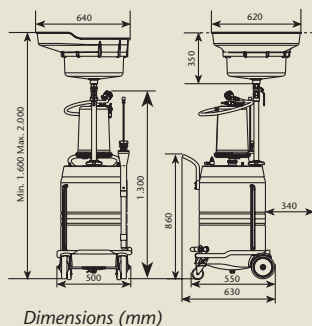
Models for gravity collection are fitted with a telescopic bowl and they can be used under vehicle hoists or inside lubrication pits for collection of the used fluid.

Models fitted with a pneumatic vacuum pump can be used for extracting waste oil through the vehicle motor oil dipstick tube using an adequate adaptor or suction cane. The pneumatic suction pump has no moving, no wear parts, and can achieve up to 80% vacuum. Suction units include a complete set of suction canes and adaptors.

Once full, the reservoir can be discharged either using a remote pump through a hydraulic type connector fitted to the bottom of the unit, with a piston pump attached to the unit or pressurizing the unit reservoir at 0,5 bar (3.5 psi) maximum with a tire inflator.

**100**  
LITRES

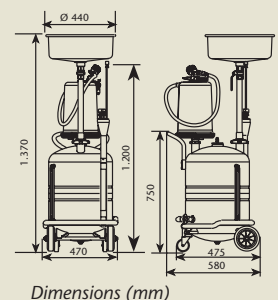
### COMMON FEATURES



- 100 litres (26 gallons) capacity steel reservoir, with side level gauge.
- Tray for tools, washers, plugs, etc. on top of the reservoir.
- One piece molded spoiler for securing the discharge hose in pressure discharge models.
- Two reinforced casters and two reinforced fixed wheels.
- Steel tank with epoxy powder coating.
- Models for gravity collection include a telescopic collection bowl, with an oversized 360° positionable composite extension for wider reach, and an anti splash grid that can hold used filters for draining.

**70**  
LITRES

### COMMON FEATURES



- 70 litres (17 gallons) capacity steel reservoir, with side level gauge.
- Two reinforced casters and two reinforced fixed wheels
- Steel tank with epoxy powder coating.

# WASTE OIL SUCTION AND GRAVITY RECEIVERS, 100 AND 70 LITRES



## USED FLUID COLLECTION UNITS - SUCTION COLLECTION



**Combined waste oil suction and gravity collection units, with transparent chamber.** Units with a 10 litres transparent chamber that can be used as a vacuum reservoir and allows an immediate inspection of the extracted waste oil. They can be used remotely once vacuum is created inside the steel reservoir. Discharge through a 1,5 m discharge hose pressurizing the unit. Includes safety valve to avoid over pressurization.

**372 000, 100 litres combined waste oil suction and gravity collection unit, with transparent chamber**

**373 000, 70 litres combined waste oil suction and gravity collection unit, with transparent chamber**

**Combined waste oil suction and gravity collection units.** They can be used remotely once vacuum is created inside the steel reservoir. Discharge is done through a 1,5 m discharge hose pressurizing the unit. Includes safety valve to avoid over pressurization.

**372 500, 100 litres combined waste oil suction and gravity collection unit**

**373 500, 70 litres combined waste oil suction and gravity collection unit**



**Waste oil suction collection units with transparent chamber.** Units include a 10 litres transparent chamber that can be used as a vacuum reservoir and allows an immediate inspection of the extracted waste oil. They can be used remotely once vacuum is created inside the steel reservoir. Discharge through a 1,5 m discharge hose pressurizing the unit. Includes safety valve to avoid over pressurization.

**372 100, 100 litres waste oil suction collection unit with transparent chamber**

**373 100, 70 litres waste oil suction collection unit with transparent chamber**



**Waste oil suction collection units.** They can be used remotely once vacuum is created inside their steel reservoir. Discharge through a 1,5 m discharge hose pressurizing the unit (except model 371 600). Includes safety valve to avoid over pressurization.

**372 600, 100 litres waste oil suction collection unit**

**373 600, 70 litres waste oil suction collection unit**

**371 600, 24 litres waste oil suction collection unit**

**DRAIN UNITS - GRAVITY COLLECTION**


**Gravity collection with pressure discharge.** Discharge is done through a 1,5 m hose pressurizing the unit at 0,5 bar (3.5 psi). Includes a safety valve to avoid over pressurization.

**372 400, 100 litres gravity waste oil drainer. Pressure discharge**

**373 400, 70 litres gravity waste oil drainer. Pressure discharge**

**Gravity collection with pump discharge.** Discharge is done through a 1:1 pressure ratio pneumatic piston pump attached to the back of the unit reservoir and 1,5 m hose with a hydraulic type coupler.

**372 200, 100 litres gravity waste oil drainer. Pump discharge**

**373 200, 70 litres gravity waste oil drainer. Pump discharge**

**Gravity collection with remote pump discharge.** Discharge is done connecting the unit to a wall mounted discharge pump kit through a hydraulic coupler located at the bottom of the reservoir.

**372 300, 100 litres gravity waste oil drainer. Remote pump discharge**

**373 300, 70 litres gravity waste oil drainer. Remote pump discharge**

**USED FLUID COLLECTION UNITS - SPECIALTY DRAINERS**

436 100



Low level mobile drainers for gravity collection of waste oil and used antifreeze solutions. Recommended to use when a hoist or a service pit is not available. Gravity discharge using an evacuation pump kit (PN 559 100) through a dry break hydraulic connector (PN 950 352, not included).

**435 000 Low level mobile drainer, 20 litres**  
20 litres (5.2 US gallons)

**436 000 Low level mobile drainer, 95 litres**  
95 litres (25 US gallons)

**436 100 Anti-freeze recovery unit**

Low level drainer 436 000 equipped with a DF50 diaphragm pump. Thanks to the diaphragm pump and the delivery gun is possible to reuse the antifreeze.

437 300



**437 300 Motor Bike waste oil drainer, 35 litres**

Unit with low profile pivoting bowl for gravity collection from motorbikes on service lifts. Air pressure discharge. The discharge hose also serves as level gauge. Includes a safety valve and an air pressure regulator, factory set to guarantee a low pressure and safe discharge of the unit. Maximum/minimum height of the top edge of the bowl: 1.000 / 700 m.

439 100



**439 100 Pit rolling drainer, 95 Litres**

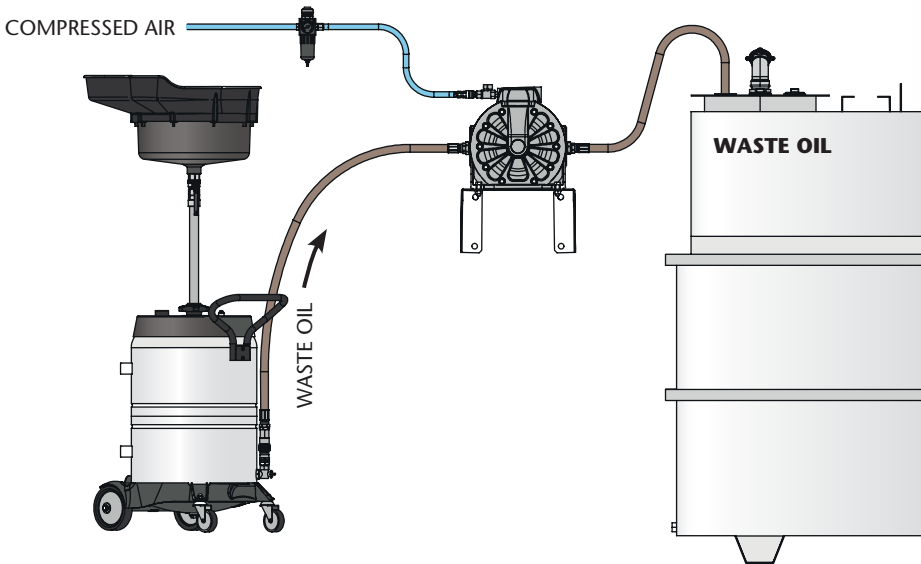
Rolling drainer for being installed between pit rails with minimum / maximum width of 1.040 / 1.450 mm. 95 litres (25 US gallons) capacity. Unit includes antispash grid, four vertical and four horizontal rollers for easy rolling and an 1-1/4" outlet with ball valve. The unit allows the connection of a hydraulic connector for discharging with a discharge pump kit.

**559 101 Waste oil evacuation pump kit** Special DF100 double diaphragm pump kit for discharging waste oil drainers through a hydraulic coupler. Kit includes: DF100 double diaphragm pump (551 030: improved suction performance, NBR diaphragms) with wall bracket, 1,5 m air connection hose with quick coupler and connector, 1,5 m discharge hose and 1,5 m transparent suction hose with hydraulic connector 950 352.

**559 501 Waste oil evacuation pump kit**  
Same as model 559 101, includes DP200 diaphragm pump 555 030.

**Recommended accessories:**

- 950 303**, 3/4" BSP (FF) shut off valve.
- 950 353**, 3/4" hydraulic coupler.
- 240 500**, Air line filter and pressure regulator.
- 239 001**, 3/8" BSPT (M) x 1/4" BSPT (M) adaptor.
- 945 551**, 3/4" BSP (MM) adaptor.



**559 111 Waste oil drain and evacuation kit for construction and mining vehicles**  
15 m x 1" high volume hose reel with its inlet hose connected to a special DF100 double diaphragm pump. The kit is used for clean, fast and efficient waste oil evacuation from large construction and mining vehicles when connected to the vehicle's engine with a connector compatible with the one at the vehicle drain plug (camlock or hydraulic coupler). The kit includes a 15 m x 1" hose reel, a DF100 aluminium diaphragm pump (551 030: improved suction performance, NBR diaphragms), 1.5 x 3/4" discharge hose and 1,5 m air connection hose with quick coupler and connector.

**Recommended accessories:**

- 950 303**, 3/4" BSP (FF) shut off valve.
- 950 353**, 3/4" hydraulic coupler.
- 240 500**, air line filter and pressure regulator.
- 239 001**, 3/8" BSPT (M) x 1/4" BSPT (M) adaptor.
- 945 551**, 3/4" BSP (MM) adaptor.



379 710

EVACUMASTER WASTE OIL SUCTION UNIT



Single point waste oil suction unit for collecting waste oil directly from the vehicle's engine using a suction cane inserted into the engine oil dip stick tube. The unit is installed alongside the service bay and provides the cleanest method for waste oil collection.

Direct from engine to storage tank eliminates operator contact with waste oil and eliminates splashes and spills of waste oil. It also eliminates the use of mobile units and removes all leaking drain plugs issues.

An air operated pump, specially designed for suction applications, extracts the waste oil and pumps it to a remote storage tank. The unit can be used together with a waste oil hose reel (506 503 or 507 503) for extended reach.

The unit includes a special piston pump for waste oil suction, on/off valve, air filter with pressure regulator, vacuum gauge for monitoring the unit performance, extra large capacity suction filter, 3 m suction hose and complete kit of suction canes and adaptors.

**379 711 Wall mounted waste oil suction unit**  
**379 710 Pedestal mounted waste oil suction unit**

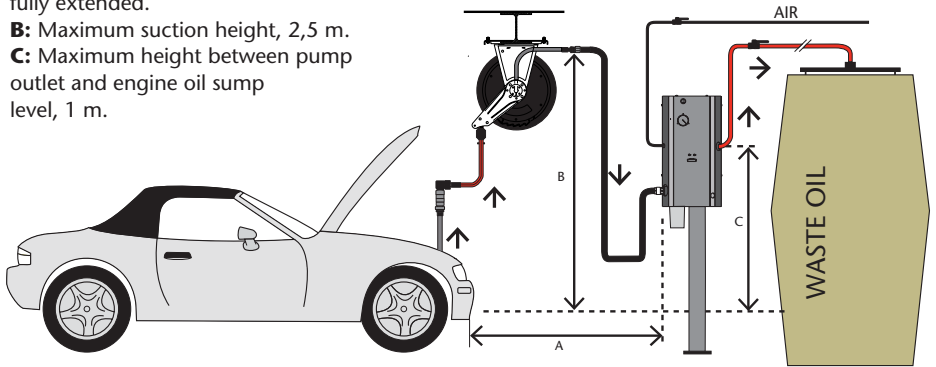
### TYPICAL INSTALLATION

#### Maximum installation distances:

**A:** Maximum distance 8 m, including hose reel hose fully extended.

**B:** Maximum suction height, 2,5 m.

**C:** Maximum height between pump outlet and engine oil sump level, 1 m.



### WASTE OIL SUCTION HOSE REELS

507 503



506 503



For use with EVACUMASTER units.

#### 506 503 Aluminium single arm waste oil hose reel

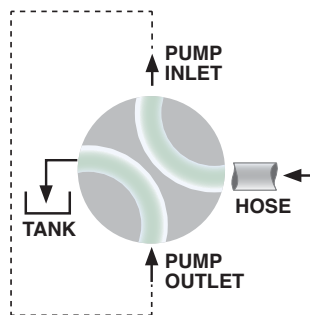
Includes 6 m x 5/8" suction hose and 0,8 m x 5/8" connection hose.

#### 507 503 Individually enclosed waste oil hose reel

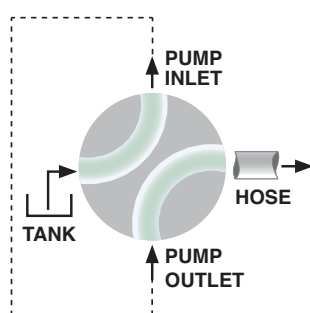
Includes 6 m x 5/8" suction hose and 0,8 m x 5/8" connection hose.

### FOUR-WAY EVACUATION VALVE

#### FILL TANK POSITION



#### EMPTY TANK POSITION



361 300

#### 361 300 Four-way evacuation valve.

It simplifies plumbing and allows the use of one pump to pull and push waste fluids on / off their storage tank with the swing of a handle.

The valve is manufactured in anodized aluminum and acetal and it has 1" BSP (F) connection threads.

- Lube trucks
- Construction and mining
- Manufacturing facilities.

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WASTE OIL

## WASTE OIL SUCTION ACCESSORIES

372 003

### 372 003 Transparent chamber kit

10 l transparent chamber, mounts on 70 and 100 litres waste oil suction units. Complete with vacuum pump, vacuum gauge and 2 m suction hose with rubber grip and connector for Mercedes Benz vehicles.

### 737 967 Suction hose kit

2 m transparent suction hose with rubber grip, shut-off valve and connector for Mercedes Benz vehicles.



## WASTE OIL COLLECTION BOWLS

372 002 / 743 305

### 372 002 Collection bowl for 100 litres waste oil receivers

Includes 20 l metal bowl, oversized extension and anti-splash grid, tube, shut-off valve, swivel and adapter for fixing the tube to receivers.

### 373 002 Collection bowl for 100 litres waste oil receivers

Includes 20 l metal bowl, tube, shut-off valve, swivel and adapter for fixing the tube to receivers.

### 743 305, 20 litres collection bowl

20 l metal bowl with tube and 2" bung adaptor for fixing to an empty drum.



## DRUM TROLLEYS

372 003

### 432 000, 185 kg / 200 litres drum trolley

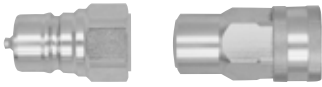
### 431 000, 50 kg drum trolley



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WASTE OIL

## HYDRAULIC CONNECTORS



Dry-Brake hydraulic couplers and connectors.  
**950 352**, 3/4" BSP (F) hydraulic connectors.  
**950 353**, 3/4" BSP (F) hydraulic coupler.

**950 354**, 1" BSP (F) hydraulic connectors.  
**950 355**, 1" BSP (F) hydraulic coupler.

**950 356**, 1-1/2" BSP (F) hydraulic connectors.  
**950 357**, 1-1/2" BSP (F) hydraulic coupler.

## SHUT OFF VALVES



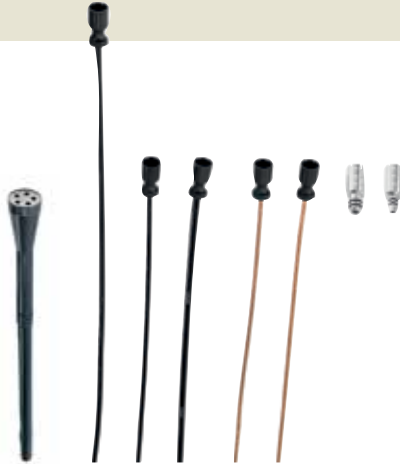
**950 303**, 3/4" BSP (FF), 40 bar quarter turn valve  
**950 306**, 1" BSP (FF), 40 bar quarter turn valve  
**950 312**, 1-1/2" BSP (FF), 25 bar quarter turn valve  
**950 308**, 2" BSP (FF), 25 bar quarter turn valve

## CONNECTION ADAPTORS



**945 551**, 3/4" BSP (MM)  
**945 555**, 1" BSP (MM)  
**945 724**, 1 1/2" BSP (MM)  
**945 681**, 1 1/2" BSP (M) - 1" BSP (M)  
**945 552**, 1" BSP (M) - 3/4" BSP (M)  
**945 554**, 3/4" BSP (M) - 1/2" BSP (M)  
**945 557**, 1/2" BSP (M) - 3/8" BSP (M)  
**945 567**, 2" BSP (M) - 1 1/2" BSP (M)  
**945 565**, 2" BSP (M) - 1" BSP (F)

## SUCTION CANES AND ADAPTORS



### SUCTION CANES AND ADAPTORS

**737 950 Suction canes and adaptors set**  
 Includes canes Part No. 737 949, 737 952, 737 953, 737 954, 737 955 and adaptors Part No. 737 947 and 737 948.

**737 972 Suction canes and adaptors set with canes holder**  
 Canes and adaptors set Part No. 737 950 with a suction canes holder.

INDIVIDUAL WANDS AND ADAPTORS		
PART No.	TYPE	DESCRIPTION OD X ID X LENGTH
<b>737 952</b>	Flex	6 x 4 x 700 mm
<b>737 953</b>	Flex	8 x 6 x 700 mm
<b>737 954</b>	Rigid Copper	5 x 4 x 700 mm
<b>737 955</b>	Rigid Copper	6 x 5 x 700 mm
<b>737 949</b>	Flex	7 x 5 x 1,000 mm
<b>737 958</b>	Flex	6 x 4 x 1,200 mm
<b>737 959</b>	Flex	8 x 6 x 1,200 mm
<b>737 946</b>	Flex	8 x 6 x 1,700 mm