

**WASTE OIL EQUIPMENT**

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372 200

372 400



#### MOBILE WASTE OIL RECEIVER 100 LITRES CAPACITY, PUMP DISCHARGE

##### 372 200 Mobile waste oil receiver 100 litres, pump discharge

The unit is discharged with a 1:1 pressure ratio pump, located at the back of the unit, through a 1,5 m discharge hose with a dry break quick coupler.

##### 372 300 Mobile waste oil receiver 100 litres, remote pump discharge

The unit is discharged with a wall mounted discharge pump kit (PN 559 100, not included) through a hydraulic dry break coupler located at the bottom of the tank. Includes hydraulic coupler (PN 950 352).

#### MOBILE WASTE OIL RECEIVER 100 L CAPACITY, PRESSURE DISCHARGE

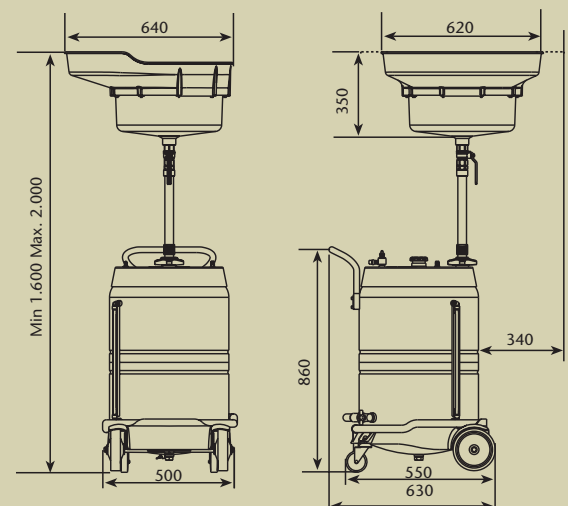
##### 372 400 Mobile waste oil receiver 100 litres pressure discharge

The unit is discharged through a discharge hose pressurizing the unit at 0,5 bar (7.25 psi) by using a tyre inflator. The unit includes a safety valve, that prevents overpressure, and a 1,5 m discharge hose.

Mobile units for gravity collection of motor oil and gear oil as well as other non-aggressive A-III class automotive fluids. Receivers can be used under vehicle lifts and inside lubrication pits.

#### Main features

- 100 litres (26 US gallon) capacity, with side level gauge.
- Large tray for tools, washers, filters, etc. on top of the tank.
- One piece molded spoiler for securing the discharge hose in pressure discharge models.
- Two reinforced casters and two reinforced wheels.
- Composite and steel telescopic collection bowl, with 360° positionable oversized extension for wider reach. Anti-splash grid that can hold used filters for draining.
- Steel tank and collection bowl with epoxy powder coating.



## WASTE OIL GRAVITY RECEIVERS, 70 LITRES



373 200



373 400



## MOBILE WASTE OIL RECEIVER 70 LITRES CAPACITY, PUMP DISCHARGE

**373 200 Mobile waste oil receiver 70 litres pump discharge**

The unit is discharged with a 1:1 pressure ratio pump, located at the back of the unit, through a 1,5 m discharge hose with a dry break quick coupler.

**373 300 Mobile waste oil receiver 70 litres remote pump discharge**

The unit is discharged with a wall mounted discharge pump kit (PN 559 100 not included) through a hydraulic dry break coupler located at the bottom of the tank. Includes hydraulic coupler (PN 950 352).

## MOBILE WASTE OIL RECEIVER 70 L CAPACITY, PRESSURE DISCHARGE

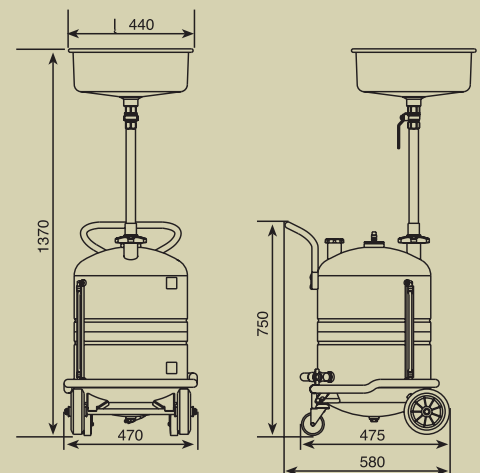
**373 400 Mobile waste oil receiver 70 litres pressure discharge**

The unit is discharged through a discharge hose pressurizing the unit at 0,5 bar (7.25 psi) with a tyre inflator. The unit includes a safety valve, that prevents overpressure, and a 1,5 m discharge hose.

Mobile units for gravity collection of motor oil and gear oil as well as other non-aggressive A-III class automotive fluids. Receivers can be used under vehicle lifts.

**Main features**

- 70 litres (17 gallons) capacity, with side level gauge.
- Two reinforced casters and two reinforced wheels.
- Cylindrical telescopic collection bowl with strainer.
- Steel tank and collection bowl with epoxy powder coating.



372 100

372 600



MOBILE WASTE OIL SUCTION UNIT WITH TRANSPARENT CHAMBER 100 L

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

Includes a 10 litres transparent chamber that can be used as vacuum reservoir and allows an immediate inspection of the extracted waste oil.



MOBILE WASTE OIL SUCTION UNIT 100 LITRES

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

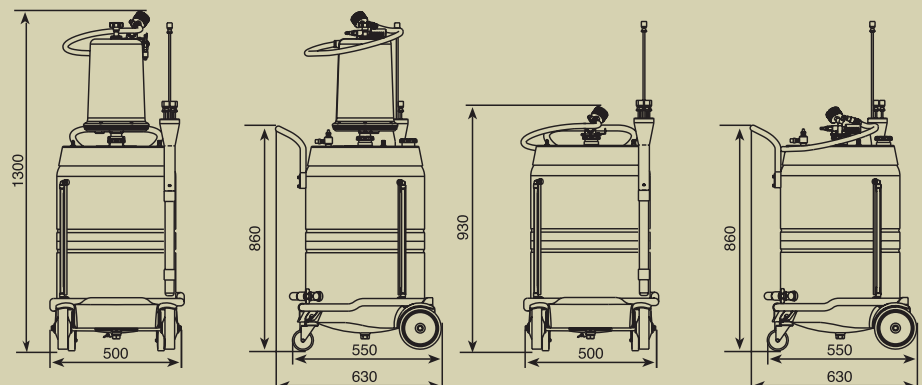
Mobile waste oil suction unit, 100 l capacity. Ideal use with all types of passenger cars, trucks, tractors, aircrafts, boats, etc.

Mobile units for waste oil suction. Waste oil suction is carried out by an air operated vacuum pump with no moving and no wear parts, using a suction cane or adapter inserted into the motor oil dip-stick tube. All units include a 2 m suction hose with rubber handle and a set of adapters, suction canes and holder (PN 737 972).

Once the vacuum inside their tank is created, then these units can be used as autonomous units, disconnected from the air supply. The units are discharged through a 1,5 m discharge hose, pressurizing the unit at 0,5 bar (7.25 psi) with a tyre inflator. These units include a safety valve that prevents overpressure.

**Main features**

- 100 litres (26 US gallon) capacity, with side level gauge.
- Large tray for tools, washers, filters, etc. on top of the tank, with special holders for suction connectors.
- One piece moulded spoiler for securing the discharge hose.
- Two reinforced castors and two reinforced wheels.
- High performance and low noise vacuum pump.
- Complete suction canes and adapters kit with holder. Holder can be removed to clean it.
- Steel tank with epoxy powder coating.



## WASTE OIL SUCTION UNITS, 24 AND 70 LITRES



371 600

373 600

373 100



## MOBILE WASTE OIL SUCTION UNITS 24 AND 70 LITRES CAPACITY

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

Mobile waste oil suction unit, 24 l capacity. Ideal for use with cars, tractors, boats, etc. Gravity discharged by removing the cap on top of the unit.

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

Mobile waste oil suction unit, 70 l capacity. Ideal for use with all types of passenger cars, trucks, tractors, aircrafts, boats, etc.

MOBILE WASTE OIL SUCTION UNIT  
70 LITRES CAPACITY**373 100 Mobile waste oil suction unit with transparent chamber, 70 litres**

Includes a 10 litres transparent chamber that can be used as a vacuum reservoir and allows an immediate inspection of the extracted waste oil.

Mobile units for waste oil suction. Waste oil suction is carried out by an air operated vacuum pump with no moving and no wear parts, using a suction cane or adapter inserted into the motor oil dip-stick tube. All units include a 2 m suction hose with rubber handle and a set of adapters, suction canes and holder 737 972.

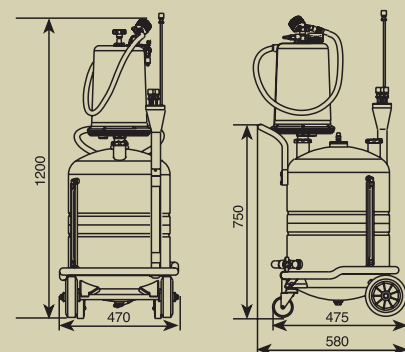
Once the vacuum inside their tank is created, then these units can be used as autonomous units, disconnected from the air supply.

Model 371 600 is gravity discharged by removing the cap on top of the unit.

Models 373 100 and 373 600 are discharged through a 1,5 m discharge hose pressurizing them at 0,5 bar (7.25 psi) with a tyre inflator. These units include a safety valve that prevents overpressure.

**Main features**

- 70 litres (17 US gallon) capacity, with side level gauge.
- Two reinforced casters and two reinforced wheels.
- High performance and low noise vacuum pump.
- Complete suction canes and adapters kit with holder. Holder can be removed to clean it.
- Steel tank with epoxy powder coating.



372 500

372 000



COMBINED WASTE OIL SUCTION AND GRAVITY UNIT, 100 LITRES

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

Mobile waste oil suction unit, 100 l capacity. Ideal use with all type of passenger cars, trucks, tractors, etc.



COMBINED WASTE OIL SUCTION AND GRAVITY UNIT, WITH TRANSPARENT CHAMBER, 100 LITRES

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

Includes a 10 litres transparent chamber that can be used as a vacuum reservoir and allows an immediate inspection of the extracted waste oil.

Mobile units that allow the collection of waste oil by gravity and by suction.

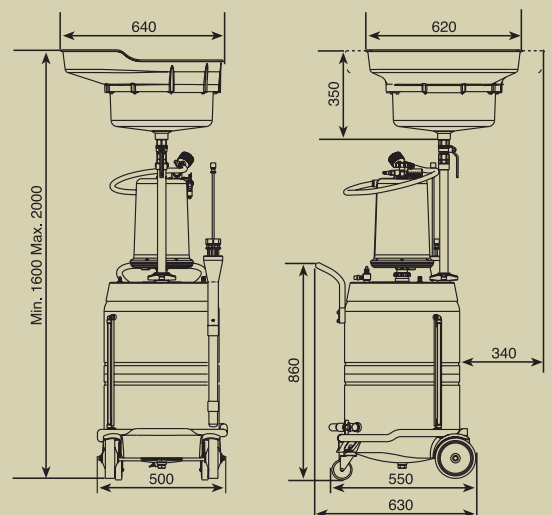
Waste oil suction is carried out by an air operated vacuum pump with no moving and no wear parts, using a suction cane or adapter inserted into the motor oil dip-stick tube. All units include a 2 m suction hose with rubber handle and a set of adapters and suction canes with holder (PN 737 972). Gravity collection is carried out using a 20 litres capacity, height adjustable and oversized, collection bowl with an anti-splash grid.

Once the vacuum inside their tank is created, then these units can be used as autonomous units, disconnected from the air supply.

The units are discharged through a discharge hose, pressurizing the unit at 0,5 bar (7.25 psi) with a tyre inflator. These units include a safety valve that prevents overpressure.

**Main features**

- 100 litres (26 gallons) capacity, with side level gauge.
- Large tray for tools, washers, filters, etc. on top of the tank, with special holders for suction connectors.
- High performance and low noise vacuum pump.
- One piece moulded spoiler for securing the discharge hose.
- Two reinforced casters and two reinforced wheels.
- Composite and steel telescopic collection bowl, 360° positionable oversized extension for wider reach. Anti-splash grid that can hold used filters for draining.
- Complete suction canes and adapters kit with holder. Holder can be removed for cleaning.
- Steel tank with epoxy powder coating.



## COMBINED WASTE OIL SUCTION AND GRAVITY UNITS, 70 LITRES



373 000

373 500



COMBINED WASTE OIL SUCTION AND GRAVITY UNIT, WITH TRANSPARENT CHAMBER, 70 LITRES

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

Includes a 10 litres transparent chamber that can be used as a vacuum reservoir and allows an immediate inspection of the extracted waste oil.

COMBINED WASTE OIL SUCTION AND GRAVITY UNIT, 70 LITRES CAPACITY

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

Mobile waste oil suction unit, 100 litres capacity. Ideal use with all types of passenger cars, trucks, tractors, etc.

Mobile units that allow the collection of waste oil by gravity and by suction.

Waste oil suction is carried out by an air operated vacuum pump with no moving and no wear parts, using a suction cane or adapter inserted into the motor oil dip-stick total. All units include a 2 m suction hose with rubber handle and a set of connectors and canes with holder (PN 737 972).

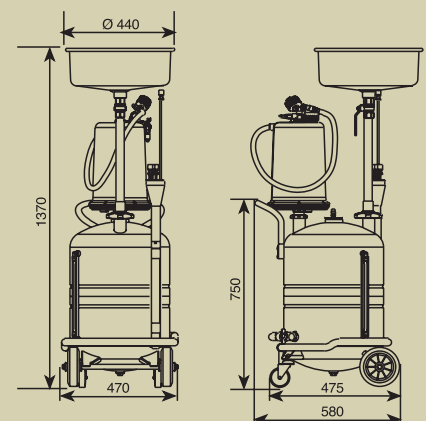
Gravity collection is carried out using a 20 l capacity, telescopic collection bowl with strainer.

Once the vacuum inside their tank is created, then these units can be used as autonomous units, disconnected from the air supply,

The units are discharged through a 1,5 m discharge hose, pressurizing the unit at 0,5 bar (7.25 psi) with a tire inflator. The units include a safety valve that prevents overpressure.

**Main features**

- 70 litres (17 gallons) capacity, with side level gauge.
- High performance and low noise vacuum pump.
- Two reinforced casters and two reinforced wheels.
- Cylindrical telescopic collection bowl with grid.
- Complete suction canes and connectors kit with holder. Holder can be removed to clean it.
- Steel tank with epoxy powder coating.



## SPECIAL WASTE OIL AND COOLANT GRAVITY RECEIVERS

439 100

435 000

436 100



PIT ROLLING DRAINER

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

Rolling drainer for installation between pit rails with min / max. width 1040 / 1450 mm. 95 l (25 US gallon) capacity.

Unit includes anti-splash grid, four vertical and four horizontal rollers for easy rolling and outlet with ball valve (1<sup>1/4</sup>" BSP (F)).

Allows the connection of a dry break hydraulic connector (PN 950 352) and connection adapters (PN 945 513 + 945 551) for discharge, once full, using a discharge pump kit (PN 559 100).



LOW LEVER MOBILE DRAINERS

Low level mobile drainers for gravity collection of waste oil and used automotive fluids such as antifreeze solutions. Recommended to use when a lift or a service pit is not available.

Gravity discharge through a drain valve or 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 gallon) unit for use with passenger cars and small vans.

Dimensions: 770 x 470 x 130 mm.

**436 000 Low level mobile drainer, 95 litres**

95 litres (25 US gallon) unit for use with passenger cars, vans, tractors, commercial vehicles, etc.

Dimensions: 1.250 x 610 x 260 mm.



COOLANT FLUID RECOVERY UNIT

**436 100 Coolant fluid recovery unit**

95 litres low level waste oil drainer 436 000 equipped with a diaphragm pump, 1,5 m hose and control gun.

The unit allows the draining of the coolant circuit of a vehicle without the use of a pit or lift. Thanks to the pump, it is possible to reuse the coolant fluid once the circuit has been repaired.

Recommended for use with industrial vehicles, construction machinery and agricultural vehicles.



## WASTE OIL EVACUATION PUMP KITS

### WASTE OIL EVACUATION PUMP KIT

559 100

#### 559 100 Waste oil evacuation pump kit

DF100 double diaphragm pump kit for discharging waste oil drainers through a dry break hydraulic connector.

Pump kit includes wall bracket, air connection hose with quick coupler and connector, 1,5 m oil discharge hose and 1,5 m suction hose with dry break hydraulic coupling to fit connector 950 352.



### WASTE OIL DRAIN AND EVACUATION KIT FOR CONSTRUCTION AND MINING VEHICLES

559 110

#### 559 110 Waste oil drain and evacuation kit for construction and mining vehicles

15 m x 1" high volume hose reel with a DF100 diaphragm pump connected to the reel inlet hose.

The unit can be used for clean, fast and efficient waste oil drain and evacuation from construction and mining vehicles when connected at the hose free end a connector compatible (hydraulic dry coupler, cam-lock, etc.) with the one at the vehicle drain plug.

The kit includes a 15 m x 1" hose reel, a DF100 aluminum diaphragm pump, a 1,5 m x 3/4" discharge hose and the 1,5 m air hose with quick coupler and connector.



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 or adapter inserted into the motor oil dip stick tube.

The unit is installed alongside the service bay and enables the cleanest method of waste oil collection.

An air operated piston pump, specially designed for suction applications, extracts the waste oil and transfers it to a remote storage tank.

**The unit includes:**

- Air operated pump, optimised for suction.
- On/off valve, air filter with pressure regulator and adjustable timer to extend pump's life.
- Vacuum gauge for monitoring the unit's performance.
- Extra large capacity suction filter.
- 3 m long suction hose, suction canes and adapter kit with holder.

**Product advantages:**

- Direct from the engine to the storage tank.
- No operator contact with the waste oil.
- No need for mobile equipment.
- Suction canes with quick connectors.
- Fixed installation with hose reels.
- No splashes or spills of waste oil onto the workshop floor.
- No leaking drain plugs.

**Applications:**

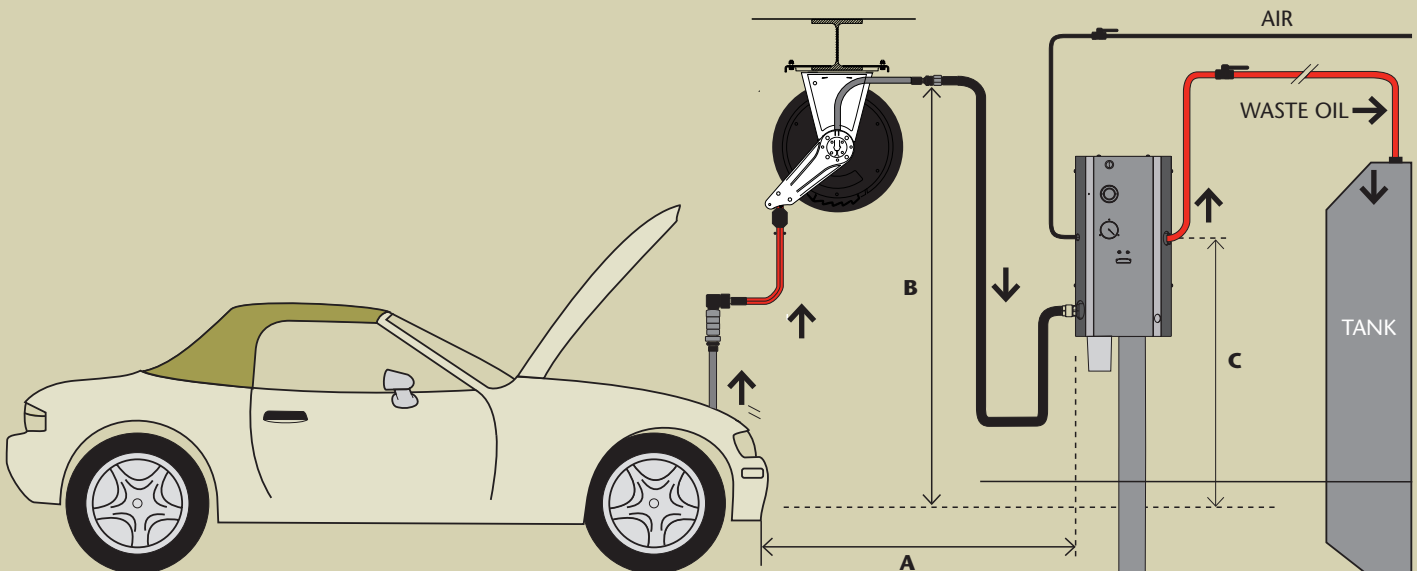
Waste oil collection in maintenance facilities and workshops for:

- Cars.
- Truck and bus fleets.
- Earth moving and construction vehicles.
- Mining equipment.

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

For maximum efficiency, the pump should be installed as close as possible to the suction point at the same height as the engine oil sump. Installing the pump in any other position will increase the time required to extract the waste oil from the vehicle. Please observe the following maximum distances:

- A** Maximum distance between the pump and the suction point, including the hose in the hose reel: 12 m.
- B** Maximum suction height between the suction point and the hose reel inlet: 2,5 m.
- C** Maximum distance between the pump outlet and the engine oil sump level: 1,0 m.



See page 108 for EVACUMASTER accessories

## WASTE OIL SUCTION

### AUTOVAC, HIGH VACUUM AUTOMATIC SUCTION SYSTEMS

393 101

High vacuum automatic unit for use in centralized waste oil suction systems in vehicle maintenance centres. The unit is easy to install and does not require any special in the field adjustments, it only requires to be connected to a compressed air supply and to a 230 V / 50 Hz power supply, to a pipe line to discharge to the waste oil storage tank and to a vacuum pipeline to the workshop suction points.

#### The unit includes:

- Electric rotary vane vacuum pump, which achieves up to 95% vacuum. Due to the pumps high efficiency, it is possible to simultaneously use several suction points. Vacuum is distributed through the workshop by a pipeline.
- Vacuum tank, which is automatically pressurized for discharge to a waste oil storage tank when full. Once it has been discharged, the unit automatically generates the optimal vacuum conditions again.
- An electronic board, which controls the automatic operation of the unit.
- A high level sensor in the tank, which sends the signal to the board for the automatic discharge of the unit that continues until a low level sensor, also inside the tank, is activated to send the signal to regenerate the vacuum in the system.
- The system also includes a vacuum switch that stops the pump once the optimal vacuum has been created and automatically starts the vacuum pump again if it is required to build vacuum in the system. This way the vacuum pump only runs on demand and energy is saved.
- The system has the possibility of accepting a signal from a remote level sensor in the waste oil storage tank to avoid over filling it.

#### Product advantages:

- Fully automatic operation.
- Direct from the engine to the storage tank.
- No personal contact with the waste oil.
- No need for mobile equipment.
- Suction canes with quick connectors.
- Fixed installation with hose reels.
- No splashes or spills of waste oil onto the workshop floor.
- No leaking drain plugs.

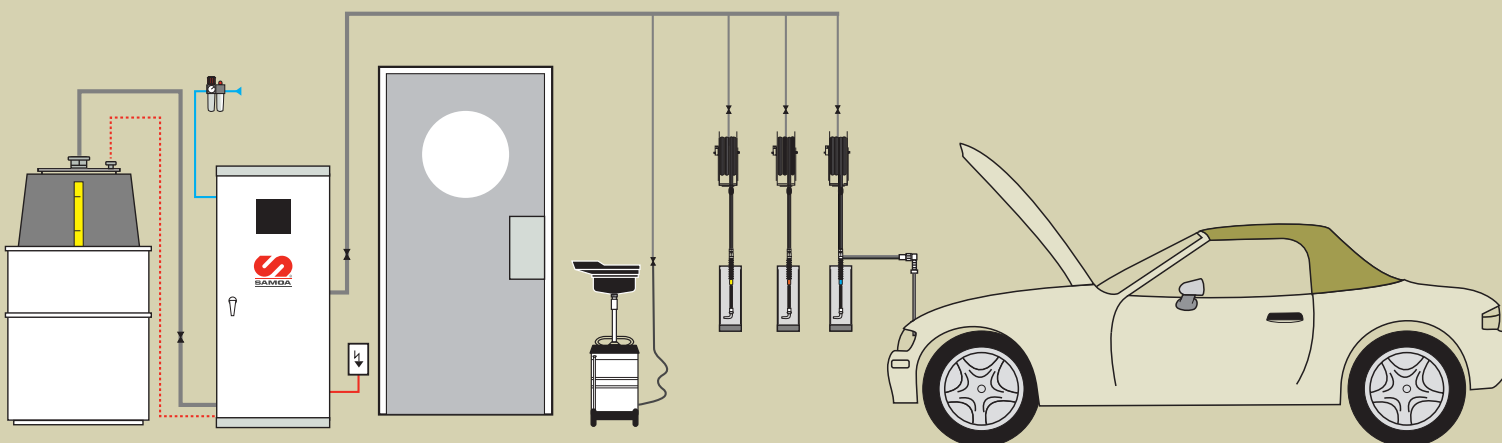


#### MODELS

PART No.	AIR PRESSURE / ELECTRIC SUPPLY	POWER	AIR SUCTION CAPACITY	TANK CAPACITY	MAXIMUM VACUUM	DIMENSIONS (L x W x H)	WEIGHT
<b>393 100</b>	6 bar - 230 V/50 Hz	450 W	200 l/min	80 litres	95 %	550 x 750 x 1.350 mm	180 kg
<b>393 101</b>	6 bar - 230 V/50 Hz	750 W	415 l/min	430 litres	95 %	750 x 1.150 x 1.900 mm	400 kg

**Model 393 100** is recommended for small and medium workshops and allows simultaneous operation of up to 3 suction points.

**Model 393 101** is recommended for large workshops and for use with commercial vehicles and allows simultaneous operation of up to 6 suction points.

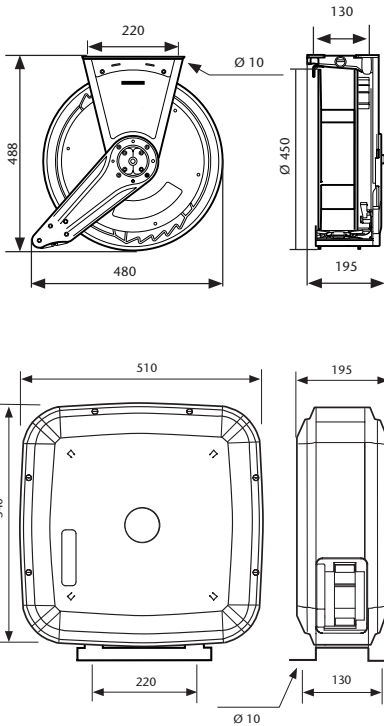


See page 108 for AUTOVAC accessories

Product specifications are subject to change without prior notice

506 503 - 507 503

WASTE OIL SUCTION HOSE REEL

**506 503 Waste oil suction hose reel**

506 series single arm hose reel for waste oil suction, includes 6 m x 5/8" suction hose and 0,8 m x 5/8" reel inlet hose. Outlet and inlet threads: 1/2" BSP (M). For use with both, EVACUMASTER and AUTOVAC units.

**507 503 Waste oil suction hose reel**

507 series individually enclosed hose reel for waste oil suction, includes 6 m x 5/8" suction hose and 0,8 m x 5/8" reel inlet hose. Outlet and inlet threads: 1/2" BSP (M). For use with both, EVACUMASTER and AUTOVAC units.

**737 974 Suction hose**

For connection to the hose reel, 0,7 m transparent hose with rubber grip, shut-off valve and connector for canes, adapters and Mercedes Benz vehicles. Connection thread: 1/2" BSP.

950 300



VALVE

**950 300**, 1/2" BSP (FF) shut off valve.**950 303**, 3/4" BSP (FF) shut off valve.

737 972



SUCTION CANES &amp; ADAPTERS KIT

**737 972 Suction adaptors and canes kit with holder**

The EVACUMASTER unit includes a complete suction adaptors and canes kit with holder. For the AUTOVAC suction adaptors and canes should be ordered separately. It is recommended to have adaptors and canes kit for each suction outlet.

AUTOVAC CONNECTION KITS

**399 304 Connection kit for AUTOVAC model 393100**

Includes the hoses required to connect the AUTOVAC 393 100 to the waste oil suction and evacuation lines.

**399 322 Connection kit for AUTOVAC model 393101**

Includes the hoses required to connect the AUTOVAC 393 101 to the waste oil suction and evacuation lines.

## WASTE OIL EQUIPMENT ACCESSORIES

372 003 - 737 967



## WASTE OIL SUCTION MOBILE SUCTION UNIT ACCESSORIES

**372 003 Transparent chamber kit**

10 litres transparent chamber for 70 and 100 litres capacity mobile waste oil suction units. Complete unit with air operated vacuum pump with vacuum gauge, 2 m suction hose with rubber grip, shut-off valve and connector for Mercedes vehicles.

**737 967 Suction hose kit**

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

372 002 - 373 002



## WASTE OIL RECEIVER ACCESSORIES

**372 002 Collection bowl for 100 litre waste oil receiver**

Collection bowl for 100 l receivers. Includes 20 litres capacity metal bowl, oversized extension, anti-splash grid, tube, shut-off valve, swivel and adapter for fixing the tube to the receivers.

**373 002 Collection bowl for 70 litre waste oil receiver**

Collection bowl for 70 l receivers. Includes 20 litre capacity metal bowl, tube, shut-off valve and adapter for fixing the tube to the receivers.

743 305



## WASTE OIL COLLECTION BOWL

**743 305, 20 litre cylindrical bowl**

Ø 440 mm 20 litre capacity waste oil collection bowl. Metal construction and epoxy powder coated, includes tube and 2" bung adapter to fit on 50 and 205 litre drums.

432 000



## DRUM TROLLEYS

**432 000, 185 kg drum trolley**

Trolley with two solid rubber wheels and one swivelling rubber wheel with brake.

**431 000, 20 and 50 kg drum trolley**

Four wheel trolley with tubular frame for 50 and 20 kg drums.

431 000



950 352 - 950 353



## ACCESSORIES FOR WASTE OIL EVACUATION KITS

**Dry break hydraulic connector**

**950 352**, 3/4" BSP (F).

**Dry break hydraulic coupler**

**950 353**, 3/4" BSP (F).

**Connection adapters**

**945 551**, 3/4" BSP (MM).

**945 513**, 1 1/4" BSP (M) - 3/4" BSP (F).

## WASTE OIL SUCTION CANES AND ADAPTERS

PART No.	TYPE	DIAMETER	LENGTH
<b>737 952</b>	Flexible	6 x 4 mm	700 mm
<b>737 953</b>	Flexible	8 x 6 mm	700 mm
<b>737 954</b>	Metallic	5 x 4 mm	700 mm
<b>737 955</b>	Metallic	6 x 5 mm	700 mm
<b>737 949</b>	Flexible	7 x 5 mm	1.000 mm
<b>737 958</b>	Flexible	6 x 4 mm	1.200 mm
<b>737 959</b>	Flexible	8 x 6 mm	1.200 mm
<b>737 946</b>	Flexible	8 x 6 mm	1.700 mm

**Connection adapters**

All suction hoses used in Samoa equipment are fitted with a special connector to fit into Mercedes Benz vehicles. For other vehicles select from the below adapters and canes.

**737 947** VAG vehicles adapter

**737 948** PSA vehicles adapter

**Adapters and canes kits****737 950 Suction adapters and canes kit**

Includes canes PN 737 952, PN 737 953, PN 737 954, PN 737 955 and PN 737 949 and adapters PN 737 947 and PN 737 948.

**737 972 Suction adapters and canes kit with holder**

Includes the same canes and connectors as kit PN 737 950 plus a cane holder.

