

TECHNICAL SHEET

INDUSTRIAL VACUUM M 100 OIL

OIL & SWarf

The **M 100 OIL industrial vacuum** is designed to **vacuum and separate oil and swarf** from the tanks, on the tables, and guides of tooling machines. **Suction** is generated by **three motors** that work in parallel and ensure an excellent **suction speed**. The **container** of this **vacuum cleaner** is equipped with a metal basket that is used to **separate** the **solid** part from the **liquid** part and a 150-micron nylon filter for more **effective filtration**. The floating level switch automatically stops the vacuum upon reaching maximum capacity in the container (100 lt of emulsified oil vacuumed). There is a **level indicator** on the outside of the container that indicates the **amount of liquid** inside the machine. Discharge takes place by gravity thanks to a 1" manual ball valve situated at the bottom of the **container**. The **M 100 OIL industrial vacuum container** is mounted on wheels, and can be lifted with a forklift, to allow the operator to **empty the vacuumed material** easily; this way the liquid can be poured into a collection of sediment bins.



POWER
3,9 kW

HIGHLIGHTS



SUCTION UNIT

The vacuum is generated by 3 by-pass motors. Each motor is managed by an independent switch, permitting the operator to control the intake performance. The motors are located in a sturdy casing, with an insulating sponge to maintain a low noise level.



FILTERING ELEMENT

The collected liquid goes through a PPL filter with a 150µ efficiency. Thanks to it it's possible to separate even the smallest solid particles, making the filtered liquid suitable for reuse. The filter can be washed and reused easily. An disposable TNT filter (efficiency 100µ) is also available.



DISCHARGE SYSTEM

To discharge the collected liquid, the bin is equipped with a manual discharge valve in its lower part. The collected liquids are discharged by gravity. When the discharged liquids have to be collected in another container it's possible to lift the bin with a forklift by using the dedicated metal mounting.

TECHNICAL DATA

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	by-pass	Media	nylon	Inlet	50 Ø mm
Voltage	230 V			Dimensions	700 x 450 mm
Maximum vacuum	250 mBar			Height	1400
Maximum air flow	570 m3/h			Weight	90 Kg
Noise level - (EN ISO 3744)	72 dB(A)			Liquid capacity	100
Engine	3			Solid capacity	50
Frequency	50/60 Hz			Oil filter	incluso
Power	5,2 HP			Filtration efficiency	150
Suction time	100/26			Discharge type	per gravità

OPTIONS

STRUCTURE AND OPTIONS



BX

Stainless steel bin AISI 304

ACCESSORY



P12352

Oil & swarf kit Ø 50mm.
Basic kit containing specific accessories for 50 mm diameter oil and swarf vacuuming application



P12355

Oil & Swarf Kit PRO Ø 50mm
Kit containing specific accessories for 50 mm diameter oil and swarf vacuuming application