

TECHNICAL SHEET

# INDUSTRIAL VACUUM M 70 OIL

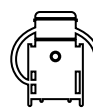
## OIL & SWarf

The **M 70 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 **two 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 (70 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 **M70 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**

**2,6 kW**



**CAPACITY**

**70 Lt**

## HIGHLIGHTS



### SUCTION UNIT

The vacuum is generated by 2 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 150 $\mu$  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 100 $\mu$ ) 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	240 V			Dimensions	700 X 450 mm
Maximum vacuum	250 mBar			Height	1440
Maximum air flow	380 m3/h			Weight	90 Kg
Noise level - (EN ISO 3744)	70 dB(A)			Liquid capacity	70 Lt
Engine	2			Solid capacity	40 Lt
Frequency	50/60 Hz			Oil filter	Incluso
Power	3,5 HP			Filtration efficiency	150
Suction time	70 Lt/18 sec			Discharge type	per gravità

**OPTIONS**

**STRUCTURE AND OPTIONS**



**BX**  
Stainless steel bin AISI 304



**PUMP**  
Continuous discharge pump