

SCHEDA TECNICA

# RAM OIL 500 INDUSTRIAL VACUUM

## ASPIRATORI INDUSTRIALI PER OLIO E TRUCIOLO

The **RAM OIL 500 industrial vacuum**, with its 500 liters **tank**, is widely used in cleaning the tanks of **CNC machines**, thanks to its cleaning speed and the speed with which they replenish the **oil lubricants-coolants** in the tanks and **vacuum metal shavings and swarf**. The **RAM OIL 500 industrial vacuum** from the **Depureco oil and swarf range** uses the “reverse flow” system to **empty liquids**. This system eliminates any additional maintenance and risks arising from the pumps clogging when transferring liquids. **Professional suction** is generated by a **side channel blower** that ensures an **excellent vacuum speed** and refill of liquids. The **vacuum cleaner tank** contains a quick-release **metal basket** that is used to **separate** the **solid** part from the **liquid** part. The 150-micron filter ensures a more **effective filtration** on the swarf. The electrical level indicator inside the **container** stops the airflow upon reaching maximum capacity. The **vacuum** is supplied as standard with the perfect oil accessories kit for **vacuuming CNC machines**. A drainage pump can be supplied on demand and fitted for the **continuous discharge of liquids**.

**POTENZA**  
4,3 kW**CAPACITÀ**  
500 Lt

**HIGHLIGHTS**

**SUCTION UNIT**

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.


**INLET**

The vacuumed material enters the machine through a flanged intake nozzle located above the metal mesh basket's lid to then be filtered inside it. The quick release basket is equipped with a PPL filter and acts as a sieve. The liquid is then collected inside the large tank, ready for re-use.


**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. A disposable TNT filter (efficiency 100 $\mu$ ) is also available.


**DISCHARGE SYSTEM**

Using the inversion of the blower's outlet airflow, which can be activated through a handy ergonomic lever placed on the pump's casing, the vacuumed liquid can easily be discharged. A tap placed on the rear part of the machine enables the operator to attach a hose for discharge and to control the outlet flow.

**DATI TECNICI**
**MOTORE**

Tipologia	side channel blower
Voltaggio	400V
Vuoto in continuo	360mBar
Massima portata d'aria	320m <sup>3</sup> /h
Valvola di sicurezza	included
Livello di rumorosità	72dB(A)
Frequenza	50/60Hz
Potenza	5,8HP
Classe di isolamento	F
Tempo di aspirazione	500/120

**MACCHINA**

Bocca aspirante	50 $\emptyset$ mm
Dimensioni	600 x 1.510mm
Altezza	1.780mm
Peso	220Kg
Capacità liquidi	500
Capacità solidi	40
Tipologia di scarico	inversione di flusso
Tempo di scarico	500/120

**OPZIONI**

**ALTRE OPZIONI**



**PUMP**

Pompa per scarico in continuo  
Pompa immersa per scarico in continuo