

TECHNICAL DATA SHEET

INDUSTRIAL VACUUM RAM OIL 1000

SUMP VACUUM CLEANERS FOR OIL AND CHIPS

The **RAM OIL 1000 industrial vacuum**, with its 1000 litres **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 1000 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**.



POWER
5,5 kW



CAPACITY
1,000 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 μ 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 μ) 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.

TECHNICAL DATA
MOTOR

Type	side channel blower
Voltage	400V
IP	55
Continuous vacuum	420mBar
Maximum air flow	320m ³ /h
Safety valve	included
Noise level	76dB(A)
Frequency	50/60Hz
Power	7,5HP
Insulation class	F
Suction time	1,000200

MACHINE

Suction inlet	50 \varnothing mm
Dimensions	950 x 1,850mm
Height	2,450mm
Weight	250Kg
Liquid capacity	1,000
Solid capabilities	40
Type of discharge	inversione di flusso
Discharge time	1,000200

OPTIONS

STRUCTURE AND OPTIONS



PUMP

Continuous discharge pump