

## TECHNICAL DATA SHEET

# INDUSTRIAL SLUDGE VACUUM RAM OIL 1000 AV

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## SUMP VACUUM CLEANERS FOR OIL AND CHIPS

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The **RAM OIL 1000 AV industrial sludge vacuum** is the largest and **most powerful vacuum** in the **OIL line**. Due to the **vane pump**, it generates a vacuum of more than 800 mBar and can **vacuum oils and swarf** with over 30 meters of flexible hose. Widely used in cleaning the tanks of **CNC machine**, thanks to their **cleaning speed** and the speed with which they replenish the **oil lubricants-coolants** in the tanks and **vacuum shavings** and swarf. The **RAM OIL 1000 AV industrial sludge 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. The **vacuum cleaner tank** is equipped with a quick-release **metal basket** that is used to **separate** the **solid** part from the **liquid** part and a 150-micron filter for a more **effective filtration** on the swarf. The electronic 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 rotary vane pump with a special system which generates a 900 mBar depression. This specific model the pump is directly linked to the motor. The system is equipped with a safety valve which guarantees continuous work in complete safety.

### 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 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. A disposable TNT filter (efficiency 100µ) is also available.

### DISCHARGE SYSTEM



Using the inversion of the blower's outlet airflow, which can be activated through a lever placed on the pump, 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	rotary vane pump
Voltage	400V
IP	55
Continuous vacuum	800mBar
Maximum air flow	300m <sup>3</sup> /h
Safety valve	included
Noise level	82dB(A)
Frequency	50/60Hz
Power	7,5HP
Insulation class	F
Suction time	1,000220

### MACHINE

Suction inlet	50Ø mm
Dimensions	940 x 1,650mm
Height	1,880mm
Weight	460Kg
Liquid capacity	1,000
Solid capabilities	40
Type of discharge	inversione di flusso
Discharge time	1,000240

## ACCESSORIES



### **P09319**

#### **TILTABLE SEPARATOR WITH CYCLONE HEAD (580 LT)**

Separator in sturdy painted steel, can be lifted and tilted with the forklift. Fitted with a cyclone capable of breaking down the vacuumed material with extreme efficiency. Maximum storage capacity 580 L