

TECHNICAL DATA SHEET

INDUSTRIAL VACUUM

RAM OIL T555

SUMP VACUUM CLEANERS FOR OIL AND CHIPS

The **RAM OIL T555 industrial vacuum**, with its 500-liter **liquid tank** and **separator basket** of more than 70 liters, is the **perfect machine** to vacuum, **separate**, and reuse or dispose of the **oil mixed with swarf** from the tanks. The **RAM OIL T555 industrial vacuum** from the **Depureco oil and swarf range** is equipped as standard with a 270 lt/min **pump** for **emptying the filtered liquids**; this operation allows the operator to **vacuum liquids** and sludge and at the same time **discharge** filtered emulsified liquids. **Professional suction** is generated by a **side-channel blower** that ensures an excellent **vacuum speed**. The **hopper** for **collecting the shavings** is equipped with a **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 hopper tilting and discharge system are used to **discharge the filtered residue** directly from the machine, without the need and risk of manually lifting the **container**. In these **vacuum cleaners**, two electrical **level indicators** are installed in order to stop the vacuum flow upon reaching maximum capacity.



POWER
5,5 kW



CAPACITY
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.



HOPPER

Above the vacuum's large tank is installed a tiltable hopper. A metal mash basket, paired with a PPL filter, is placed inside the hopper. The two act as a sieve, separating any solid particle eventually present from the vacuumed liquid.



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.



SUBMERGED PUMP

The vacuum cleaner is equipped with a submerged pump in order to empty the tank. The pump's level sensor automatically interrupts intake upon reaching maximum capacity. In the same way, the level sensor instructs the machine to interrupt discharge operations once minimum level is reached.

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	500/110

MACHINE

Suction inlet	50 \varnothing mm
Dimensions	600 x 1,510mm
Height	1,780mm
Weight	350Kg
Liquid capacity	500
Solid capabilities	70
Discharge time	500/120