

# RAM OIL 500 | 1000



## TECHNICAL DATA

	Units	RAM OIL 500	RAM OIL 1000
Type		Side channel blower	
Power	kW - HP	4,3 – 5,8	5,5 – 7,5
Voltage   Frequency	V   Hz	400   50/60	400   50/60
IP   Insulation class		55   F	55   F
Maximum vacuum	mBar	420	480
Vacuum in continuous run	mBar	360	420
Maximum air flow	m³/h	320	320
Relief valve		Included	
Inlet	Ø mm	50	50
Noise level – (EN ISO 3744)	dB(A)	72	76
Liquid capacity	Lt	500	1000
Solid capacity	Lt	40	40
Dimensions	mm	600 x 1510	950 x 1850
Height	mm	1780	2450
Weight	Kg	220	250
Intake time	L/sec	500/120	1000/200
Discharge time	L/sec	500/120	1000/200
Discharge type		Reverse flow	



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## 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.



## 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.



## 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.



## 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.

## AVAILABLE OPTIONS

PUMP

Continuous discharge pump