

M100 IF

Industrial vacuum for
oil & chips recovery



Suction unit

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations. The reverse flow system, activated by a manual valve placed at the top of the motor head, allows to rapidly discharge liquid by using an oil resistant discharge hose. The hose includes a valve in the discharge nozzle.

Filtration unit

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material. The PPL polypropylene filter for liquids protects the motor from foam and other solid objects; an additional plastic foam filter prevents most of the liquid mist from getting to the motor. A metal sieve grid withholds the solid material, while the clean oil goes into the liquids container.

Collection unit

The vacuumed material is collected into a wheeled steel detachable container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal. The container is detachable, compact and contains the sieve grid which retains the solid part. A discharge valve makes it possible to reintroduce flux inside the system.

Technical data sheet

MODEL – M100 IF		
Voltage	Volt HZ	400 3~ 50
Power	KW	3
Max water lift	mmH2O	3000
Max air flow	m3/h	300
Capacity (liquid)	lt	100
Capacity (solid)	lt	40
Suction inlet	∅	50
Noise level	dB(A)	78
Discharge of liquid	Type	Reverse air flow
Dimensions	cm	67 x 66
Height	cm	125
Weight	kg	95