



M100IF 3M

Industrial vacuum for
oil & chips recovery

Suction unit

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. The suction is provided by three by-pass motors, using carbon brushes, operated by independent switches and placed inside a sturdy steel casing, filled with soundproofing material.

Filtration unit

The suction inlet is tangential and the cyclone is entirely welded, consequently slowing the sucked chips and protecting filters. 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

A discharge valve makes it possible to reintroduce flux inside the system. The container is detachable, compact and contains the sieve grid which retains the solid part. 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.

Technical data sheet

MODEL – M100 IF 3M		
Electric power supply	Volt Hz	230 1~ 50
Power	kW	3,45
N° of motors	N	3
Max water lift	mmH ₂ O	2000
Max air flow	m ³ /h	540
Capacity (liquid)	lt	100
Capacity (solid)	lt	40
Suction inlet Ø	mm	50
Noise level	dB(A)	76
Discharge of liquid	Type	Reverse air flow
Dimensions	cm	67 x 66
Height	cm	135
Weight	kg	70