



M 100 IF - OIL AND CHIPS



METALWORKING



- ✓ Sturdy vacuum cleaner for intensive use
- ✓ Easily removable container for safe disposal of collected material
- ✓ Compact and mobile
- ✓ Save money by recovering and reusing oil and coolant
- ✓ Discharge system through reverse flow by means of an hose. No need of discharge pump
- ✓ High efficiency filtration
- ✓ Low noise level
- ✓ PPL filter for protection of motors from liquids and foam



SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	3
Max waterlift	mmH2O	3.000/2.700
Max air flow	m ³ /h	318
Noise level (EN ISO 3744)	dB(A)	78



FILTER UNIT

Filter Type		3D SuperWeb
Surface - Diameter	cm ² -mm	500
Media - Filtration		Polypropilene - 300µm



COLLECTION UNIT

Discharge system		Reverse flow
Liquids capacity	lt.	100
Solids capacity	lt.	40
Discharge speed	lt / min	200
Floating device		Yes



VOLUME

Dimensions	cm	67x66x135h
Weight	kg	95



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.



FILTER UNIT

A floating device stops the suction whenever the liquid in the container reaches the maximum level and prevents overflowing.

A propylene filter for liquids is installed upstream. This filter guarantees the efficient filtration of the vacuumed oil; an additional plastic foam filter prevents most of the liquid mist from getting to the motor.

SUPERWEB 3D primary filter is a special and hydro-oleophobic filter which guarantees the maximum oil separation while protecting the engine from oily mists and atmospheric dust



COLLECTION UNIT

The unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime

The vacuumed liquid can be discharged quickly by means of a reversed airflow system, which can be activated by rotating a knob

The container is detachable, compact and contains the sieve grid which retains the solid part.



OPTIONALS

- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ OIL & WATER PROOF CARTRIDGE
- ✓ ABS ACCESSORY BASKET AND DOUBLEBEND HOLDER
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ STAINLESS STEEL SIEVE GRID