



MEKA 100 MPI - OIL AND CHIP



METALWORKING



- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ PPL filter for protection of motors from liquids and foam
- ✓ Floating device to stop the suction when container is full
- ✓ Reduced downtime of machine tools
- ✓ Submerged pump for the discharge of the sucked liquid

- ✓ Grid for chips vacuuming
- ✓ Simultaneous operation of liquids vacuuming and discharge
- ✓ Possibility of recycling oils and emulsions
- ✓ Reduction of disposal costs due to exhausted oils
- ✓ Reduction of machineries cleaning times



SUCTION UNIT

Voltage	V - Hz	230 - 50
Power	kW	3,45
Max waterlift	mmH2O	2000
Max air flow	m ³ /h	540
Noise level (EN ISO 3744)	dB(A)	76



FILTER UNIT

Filter Type	3D SuperWeb + PPL
Media - Filtration	Polypropilene - 300µm



COLLECTION UNIT

Discharge system	Immersion pump (100lt/min)	
Liquids capacity	lt.	100
Solids capacity	lt.	40
Discharge speed	lt / min	150
Floating device	Yes	



VOLUME

Dimensions	cm	67x66x125h
Weight	kg	70



SUCTION UNIT

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.



FILTER UNIT

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

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.

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



COLLECTION UNIT

Forklift intakes for easy discharge.

After vacuuming, the liquid is filtered from metal chips, which are hold by a detachable sieve grid and then collected inside a high capacity collection tank

Thanks to an independent electric pump, it is possible to dispose quickly of the vacuumed liquid or to re-insert it rapidly into the machinery



OPTIONALS

- ✓ STAINLESS STEEL CHAMBER
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ ABS ACCESSORY BASKET AND DOUBLEBEND HOLDER
- ✓ STAINLESS STEEL SIEVE GRID
- ✓ OIL & WATER PROOF CARTRIDGE