

M 100 OIL



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TECHNICAL DATA

	Units	M 100 OIL
Motors Type		3 By-Pass
Power	kW-HP	3,9 - 5,2
Voltage Frequency	V Hz	230 50/60
Maximum vacuum	mBar	250
Maximum air flow	m ³ /h	570
Inlet	Ø mm	50
Noise level – (EN ISO 3744)	dB(A)	72
Liquid capacity	Lt	100
Solid capacity	Lt	50
Dimensions	mm	700X450
Height	mm	1400
Weight	Kg	90
Suction time	L/sec	100/26
Oil filter		Included
Filtration efficiency	µ	150
Media		Nylon
Discharge type		By gravity



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SUCTION UNIT

The suction is provided by 3 MADE IN ITALY Bypass motors. Each motor is managed by an independent switch, permitting the operator to choose the vacuum performance. The suction motors are located in a sturdy metal casing, with an insulating sponge to maintain a low noise level.



SUCTION INLET

The suction inlet is specially designed to direct the collected material straight into the collection bin. The intake is tangential and welded to the chamber there is a sturdy metal cyclone. The friction with it reduces the speed of the material that falls down easily into the collection bin.



COLLECTION BIN

The collection bin is designed to separate solids from liquids. There is a removable metal grid that separates the metal chips from the lubricants. Moreover, in the middle of the grid it is located a floating system and in the front part of the bin there is an optical level detector to permit the operator to check the level of liquids inside.



NYLON FILTER

The collected liquid can be filtered through a nylon filter with an efficiency of 150 micron. Thanks to this, it is possible to separate also small debris from the oil and recover the lubricants for reuse. The filter can be washed and reused easily.



DISCHARGE SYSTEM

To discharge the collected liquid, the container bin is equipped by a manual valve at the bottom. Liquids are drained down by gravity. In case it is necessary to discharge the liquids into another container it is possible to take the bin up by a forklift, using a dedicated safety metal support.



OIL MIST FILTER

The oil mist sponge filter is located below the motor head. The filter is installed into a robust galvanized iron support. It stops any possible micro drops of lubricants preserving the health of the workers and the life of the motors.

AVAILABLE OPTIONAL

BX | Stainless steel bin AISI 304