M 100 OIL

DEPURECO INDUSTRIAL VACUUMS

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
Intake time	L/sec	100/26
Oil filter		Included
Filtration efficiency	µ	150
Media		Nylon
Discharge type		By gravity

OIL & SWARF

Depureco Industrial Vacuums | Corso Europa, 609 -10088 Volpiano (TO) ITALY | T. +39 011.98.59.117 | depureco@depureco.com | www.depureco.com

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SUCTION UNIT

The vacuum is generated by 3 by-pass motors. Each motor is managed by an independent switch, permitting the operator to control the intake performance. The motors are located in a sturdy casing, with an insulating sponge to maintain a low noise level.

FILTERING ELEMENT

The collected liquid goes through a PPL filter with a 150µ efficiency. Thanks to it it's possible to separate even the smallest solid particles, making the filtered liquid suitable for reuse. The filter can be washed and reused easily. An disposable TNT filter (efficiency 100µ) is also available.

INLET

The tangential inlet nozzle, welded to a sturdy metal cyclone, is designed to channel the material towards the collection bin where the float level indicator is located which, when the bin is full, interrupts intake by closing the cyclone, thus stopping the vacuuming.

DISCHARGE SYSTEM

To discharge the collected liquid, the bin is equipped with a manual discharge valve in its lower part. The collected liquids are discharged by gravity. When the discharged liquids have to be collected in another container it's possible to lift the bin with a forklift by using the dedicated metal mounting.

COLLECTION BIN

The collection bin is designed to separate solids from liquids: a metal grid, with a PPL filter fitted inside it, blocks any chips or fragments which may be present. A floating system, installed right in the middle of the grid, and a level indicator, give the operator the possibility to check the quantity of liquid inside the bin.

OIL PROOF CARTRDIGE

A filtering cartridge made in oil-proof material is installed under the vacuum's head to block any oil mist. It's efficiency guarantees the protection and a longer life for the motors together with the operator's health.

AVAILABLE OPTIONS

BX	Stainless steel bin AISI 304

All datas mentioned in this document may change without notice.