

CLEAN OIL 100



TECHNICAL DATA

	Units	CLEAN OIL 100
Type		Side channel blower
Power	kW-HP	3 - 4
Voltage Frequency	V Hz	400 50/60
IP Insulation class		55 F
Maximum vacuum	mBar	320
Vacuum in continuous run	mBar	250
Maximum air flow	m³/h	420
Relief valve		Included
Inlet	Ø mm	50
Noise level – (EN ISO 3744)	dB(A)	78
Liquid capacity	Lt	100
Solid capacity	Lt	50
Dimensions	mm	840 X 710
Height	mm	1620
Weight	Kg	110
Intake time	L/sec	100/26
Discharge time	L/sec	100/92
Oil filter		Included
Discharge type		Reverse flow



CLEAN OIL 100



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SUCTION UNIT

The suction unit is a side channel blower with direct coupling between motor and impeller. The side channel blower is equipped with a safety valve to guarantee continued work in complete safety, without any maintenance. The blower is also equipped with a metal silencer to maintain a low noise level.



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.



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.



DISCHARGE SYSTEM

A practical lever, installed on the rear part of the vacuum cleaner, allows to rapidly select between vacuuming or discharging operation mode. The flow inversion system uses the exhaust air from the turbine, ensuring the efficiency and speed of the operation.



FILTERING ELEMENT

The collected liquid goes through a PPL filter with a 150 μ 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 100 μ).



OIL PROOF CARTRIDGE

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.