

# Roots IVC100 HD

Heavy Duty Industrial Wet & Dry Vacuum Cleaner



Powerful and reliable solution for cleaning  
of dust, liquid and solid material

Roots -  
Perfect from  
product  
to service

## IVC 100 HD Heavy Duty Industrial Vacuum Cleaner



### POWER

The IVC 100 HD machine is provided with side channel blower from the world's best manufacturers, to improve the quality and performance. The side channel blower is powerful, silent and suitable for continuous and heavy works and don't require maintenance as they don't wear since there is no transmission system.

### FILTRATION

The IVC 100 HD machine is provided with a filter surface up to 30,000 cm<sup>2</sup> and air load on filter (m<sup>3</sup> / m<sup>2</sup> / h) according to BIA standards to maximize the efficiency, vacuum performance and lifetime of the machine.

Absolute filter H14 (99.997% efficiency) is provided for filtering toxic dust.

### FLEXIBILITY

The IVC 100 HD machine is designed to draw in dust and solids at the same time. The releasable wheeled container aids in easy emptying of the collected material. The external filter shaker keeps the vacuum performance and the filtration efficiency maximum during operation.



Filter



Filter shaker



Collection tank

TECHNICAL DATA	UNITS	IVC 100
VOLTAGE	Volts/Hz	415 ± 5% / 50
PHASE		3
POWER	kW	5.5
VACUUM PRESSURE	mm.H <sub>2</sub> O	3790 Max
AIR FLOW	m <sup>3</sup> /h	530 Max
FILTER SURFACE AREA	cm <sup>2</sup>	30,000
COLLECTION TANK CAPACITY	Liters	100
SUCTION INLET	Dia mm	50
FILTER	Type	Star
PRIMARY FILTER MATERIAL - EFFICIENCY	Media /Class	POLYESTER - L/M
SOUND LEVEL *	dB(A)	82
PROTECTION	IP	55
INSULATION	Class	F
WEIGHT	Kg	167 ± 2
HEIGHT	mm	1530 ± 25
DIMENSION	mm	1125 x 630 ± 25

### Optional

Hepa filter : filter surface area	cm <sup>2</sup>	49,000
Filter Grade	H14 with 99.997 % efficiency at 0.12 µm particles.	

\* Measured @ 1m x 1m x 1.5 m / h distance.

### Standard Accessories



### Optional Accessories



Roots reserves the right to make any changes considered necessary for the purposes of improvement at any time or for any reason without prior notice, in line with its policy of continuous product development and progress.

**Our Product Range** - Sweepers, Scrubber-Driers, Vacuum Cleaners, Single Disc Scrubbers, Mini Floor Washers, High Pressure Water Jet Cleaners, City Sweepers, Bins, Mops & Trolleys.

