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3997

First class power





Foundry: recovery of sand and waste



Recovery of high quantity of heavy materials



Recovery of waste



Cement: trench cleaning

The most powerful, the biggest!

- Available also ATEX certified

Designed for the heavy industry

Model 3997 is the most powerful mobile industrial vacuum in Nilfisk range, it has been designed for heavy-duty use thanks also to its reliable three-phase suction unit.

The great filter efficiency, granted by the wide filter area and the effective devices built to maintain the filter cleaned, such as the electric filter-shaker in the 3997 and the electric-pneumatic filter cartridge in the 3997WC, makes these industrial vacuums efficient and autonomous.

In particular, the filter can be monitored in real time thanks to a specific tool, the vacuum-gauge, capable to show the remaining filter capacity; moreover a differential vuotometer switches off the machine when the filter is totally dirty.

The container extraction through a particular release device system, makes the disposal of the collected material a very fast and easy operation while the large front wheels and the rear pivoting ones with brakes, make the moving of the vacuum a light operation.

The control panel contains the on-off device, the hour-counter and the vuotometer.

The vacuum is also equipped with lifting brackets, forklift brackets and accessories basket.

HEPA filter, category "C" filter, Class "M" filter, Class "H" filter, PTFE filter, epitropic filter, painted or stainless steel structure versions are available.

Plus



Absolute exhaust air filter



Grill and valve for separating solids from liquids inside the container



Removable cyclone that protects the primary filter from becoming in direct contact with incoming liquids or sharp objects



Electric filtershaker



Cartridge filter



Standard star filter

Technical specifications

Description	Unit	3997	3997C	3997W	3997WC
Voltage	V	400	400	400	400
Frequency	Hz	50	50	50	50
Protection class	IP	55	55	55	55
Insulation class	Class	F	F	F	F
Rated power	kW	20	20	20	20
Airflow without hose	L/min	18.600	18.600	36.000	36.000
Vacuum max without relief valve	kPa	60	60	43	43
Vacuum max with relief valve	kPa	44	44	25	25
Sound pressure level	dB(A)	79	79	78	78
Container capacity	L	175	175	175	175
Main filter area	cm ²	66.000	110.000	98.000	110.000
Inlet	mm	100	100	120	120
Length x Width x Height	cm	200x90x215	200x90x215	200x90x215	200x90x215
Weight	kg	650	697	650	697

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