

VACUUMOVER - FOR EXTREMELY DEMANDING WORK



MOBILE VERSION



STATIONARY VERSION



CONTAINERS FOR DISPOSAL OF BLAST MEDIA

The system is suitable for most demanding working conditions, where large quantities of media have to be transported. It is suitable for suction on distanced places - 50 or more metres. System are electrical or diesel type.

Sucked material is usually emptied directly into containers for disposal.

The system can be mobile or stationary.

TYPE	media transport	DIMENSIONS (mm)	AIR - FLOW	VACUM	SUCTION CONNECT.	ELECTRICAL CONSUMPTION	WEIGHT
Vacc 2001	cca T/h	3250x1800x2200	1.860 m ³ /h	5000 Wc	Ø 100	37 kW	2,7 T
Vacc 3001	cca T/h	3250x1800x2200	2.610 m ³ /h	5000 Wc	Ø 100	55kW	3,0 T
Vacc 4001	cca T/h	3800x1800x2200	3.780 m ³ /h	5000 Wc	Ø 100	75 kW	3,7 T
Vacc 5001	cca T/h	3800x1800x2200	4.500 m ³ /h	5000 Wc	Ø 100	90 kW	4,0 T

Filter systems EN.cdr

FILTER UNITS FOR SUCTION OF BLAST MEDIUM FOR ALL FIELDS OF APPLICATION



A result of continuous development and improving of our products for sandblast purposes is the new generation of recycling filter systems for most various applications.

Suction, filtering and recycling of the abrasive happen simultaneously, and the filter cartridges are automatically cleaned by the integrated "Pulse-Jet" cleaning system. When using a CENTRO filter unit, the working area of your sandblast cabinet will always be clean. The abrasive in the cycle is also permanently cleaned and keeps being available in a constant grain size.

Optional equipments can improve efficiency of the filter unit and thus productivity of your blast equipment. A quite important advantage of the CENTRO filter units is that one can work with several blast cabinets or with several blast guns / blast nozzles in connection with one sole filter unit.

For quite generally better working conditions we developed accessories like sound silencers and superfine dust filters ("absolute filter"), which make the CENTRO filter units to one of the most flexible and environmentally friendly recycling filter systems.



Automatic cartridge cleaning

For a permanent cleaning of the filter cartridges, CENTRO filter units are equipped with a built-in "Pulse Jet"-cleaning system. The electronic control equipment of that system allows to adjust duration and intervall frequency of the compressed air pulses.

Filter cartridges

We use two types of cartridges in the CENTRO filter units: Filtering medium of the standard cartridge is cellulose, and there are two sizes, the types C2 and C4. For more pretentious applications (particularly with automatic blast machines) we recommend the polyester cartridges C2/P and C4/P, offering a longer service life. Filter cartridges are also available with particular coatings (aluminium, teflon, and others) or with antistatic finish.



Recycling system

The cyclone, integrated in the filter unit is cleaning the abrasive by separating it from dust and contaminants. The clean abrasive is collected in the abrasive container, where it is available for a new cycle. Dust particles are deposited on the filter cartridges.

VACUUMOVER - FOR HEAVY DUTY WORK



EMPTYING OF SYLOS DIRECTLY TO THE CONTAINER



SUCK STEEL GRID ABOVE 6m HIGH

The system is suitable for field working, where there is no electrical connections, because it is working with compressed air.

The system has high minus pressure, therefore it is suitable for suction on distanced places - 50 or more metres. It is also suitable for suction of heavy blast media, such as steel grit, etc.

All material is collected in a sand silo, which is automatically emptied into a blasting pressure pot or container or it can be put directly on a truck for disposal. It can be used as a mobile or stationary unit.

TYPE	DIMENSIONS (mm)	AIR - FLOW	FILTER CARTRIDGES	SUCTION CONNECT.	POWER	WEIGHT
CENTRO 4/1 ECO	500x725x1450	1500 m³/h	1xC4/(P)*	Ø 120	1,5 kW	120 kg
CENTRO 2/2 ECO	1200x450x2150	1000 m³/h	2xC2/(P)*	Ø 120	0,75 kW	150 kg
CENTRO 2/4 ECO	1300x650x2150	1200 m³/h	4xC2/(P)*	Ø 120	1,1 kW	150 kg
CENTRO 4/2 ECO	1400x950x2500	2000 m³/h	2xC4/(P)*	Ø 120	1,5 kW	235 kg
CENTRO4/4 ECO	1700x950x2550	3000 m³/h	4xC4/(P)*	Ø 120	2,2 kW	250 kg
CENTRO 4/4 ECO PLUS	1800x950x2900	4000 m³/h	4xC4/(P)*	Ø 150	3 kW	420 kg

TYPE	media transport	DIMENSIONS (mm)	AIR - FLOW	VACUM	SUCTION CONNECT.	AIR CONSUMPTION	WEIGHT
Vacc 710/64	cca 4T/h	1875x1000x3025	330 m³/h	6800Wc	Ø 63	4,3 Nm³/min	271 kg
Vacc 710/74	cca 5T/h	1875x1000x3025	318 m³/h	7800Wc	Ø 63	5,3 Nm³/min	271 kg
Vacc 710/76	cca 5,5T/h	1875x1000x3025	690 m³/h	4800Wc	Ø 76	5,4 Nm³/min	271 kg
Vacc 710/96	cca 8,5T/h	1875x1000x3025	660 m³/h	6800Wc	Ø 76	8,6 Nm³/min	271 kg