

Stationary vacuum units with pipework systems

bring the vacuum power to the work place. Side channel vacuum pumps up to a power of 25 kW. Filter hoppers and discharge devices such as rotary gate valves and slide gates are adapted to the requirements



5.5 to 22.6 kW

The alternatives to MaxVac:

Mobile industrial vacuum cleaners

Wieland offers smaller and lower priced units for machine cleaning and for high speed dust extraction



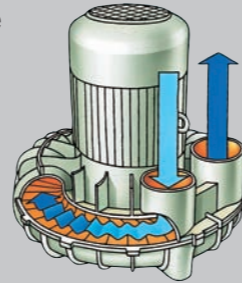
IS-36, IS-46
3 and 4 kW



IS-56, IS-76
5.5 and 7.5 kW

Safety

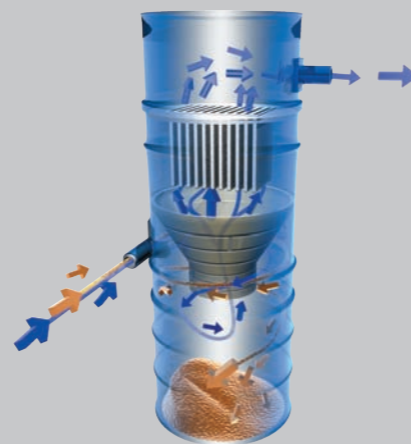
MaxVac helps you to maintain high standards of health and safety. Its safe design with minimum maintenance requirements guarantees a constantly high availability of suction power at the work place



Side channel vacuum pumps are quiet, designed for continuous operation and maintenance free. The 22.6 kW unit has a maximum vacuum of 60 %

Principle of operation:

The air in the cells of the flying wheel is accelerated and will be more and more compressed as it moves from one cell to the next



The integrated cyclonic separator directs fine dust almost completely and liquids completely into the collection container without affecting the filter

Ref.-Nr. 0111-510



INDUSTRIAL VACUUM SYSTEMS



Product Group
Industrial Vacuum Cleaners

MaxVac Compact
MaxVac Eco



Professional vacuum units for the bulk material industry, metal working industry and industrial cleaning contractors



Technical data

Data	MaxVac Compact 75	MaxVac Compact 110	MaxVac Eco 110	MaxVac Eco 220
Driving power	kW 7.5	11	11	22.6
Airflow vacuum pump max.	m ³ /h 700	1140	1140	1200
Suction power vacuum pump (short time)	mbar 440	440	440	600
Suction power (continuously)	mbar 330	280	280	450
Mains pre-fuse at 400 V	Amp. 32	32	32	50
Sound level, reflection free, DIN 45635, approx.	dB(A) 71	72	74	74
Suction inlet	DN 100 MV	100 MV	100 MV	100 MV
Weight approx.	kg 325	330	410	715
Dimensions approx. (L x W x H)	mm 1460 x 840 x 1675	1460 x 850 x 1675	1760 x 1050 x 1680	1760 x 1050 x 1780

MaxVac Compact 7.5 and 11 kW. The right unit for tough industrial applications

MaxVac Compact

The collection container is lifted and lowered using a toothed bar gear and crank.

The transport and discharge bar makes the transport of the collection container easy if it is filled with heavy suction material. The container has its own wheels and can be transported and discharged by crane or forklift truck.

The pneumatic AirShock® filter cleaning device makes it possible to use the unit for problematic types of dust where other industrial vacuum cleaners cannot cope. A compressed air connection is not required for this.



MaxVac Eco 11 and 22.6 kW. Convincing suction and filter performance for highest demands

MaxVac Eco

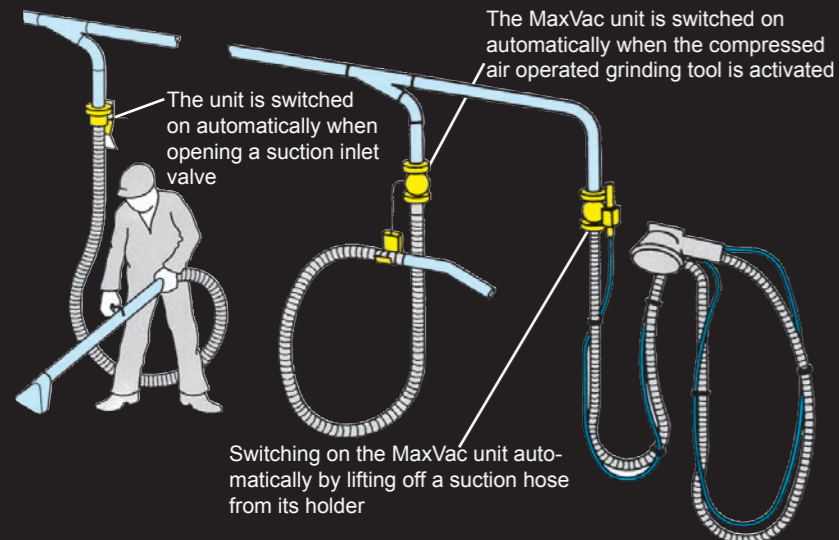
The right unit for a suction rate of up to 10 tons/h or for applications with large suction diameters of up to 100 mm or if long suction distances have to be overcome.

The oversize gear with smooth running wheels makes it easy to transport the heavy duty, robust unit.



Connecting a MaxVac to a stationary pipework system

The suction power is available at the work place. The suction material is discharged at the most appropriate location. Intercept hoppers can separate certain suction materials from others and discharge them separately.



MaxVac T, 11 kW Version for the textile industry

Fibre material is compressed with the pressed of the vacuum pump. The collection capacity is several times higher compared to standard industrial vacuum cleaners.

Optional Equipment



Collection container with conical outlet. Discharges downwards. Trunnions for transport and discharge by forklift truck



Intercept hopper VEK-500, volume 0.5 m³. Increases the collection capacity. Possibility to use the customer's collection system.



Geared tipping system for controlled and safe discharge of the filled container

Pneumatic Air-Shock® filter cleaning device, cleans the filter continuously by reverse pressure impulses. Recommended if fine dust is regularly extracted. Keeps the filter resistance continuously low.



Clamp strap with trunnions for handling of standard 216 l drums (DIN 6644) with transport dolly DK-6

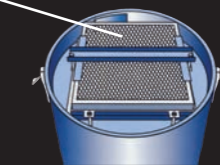


Transport dolly DK-5/DK-6* picks up and transports standard 216 l drums (DIN 6644)

Universal filling level probe for dust and liquids, switches off the unit if the maximum filling level is reached



Safety filter dust class H for very fine and dangerous types of dust, protects the vacuum pump if the main filter is damaged



Tailored PE-bags can be inserted in the collection container. Fine dust can be handled practically dust free



Transport and discharge handle for the collection container. For forklift truck or crane



* only for MaxVac Eco available

MaxVac

The modular system which adapts to your requirements

The MaxVac Concept:

The basic MaxVac models can be combined with a large variety of optional equipment in order to exactly meet your requirements.

Together with intercept hoppers optimum solutions can be configured - mobile or stationary. Separation of materials, controlled discharge of suction material, contamination free disposal- **anything is possible!**

Explosion proof versions are available according to ATEX Zone 22

MaxVac units are used successfully for vacuum cleaning and vacuum conveying in many industrial sectors:

Metal working industry, foundries, car industry, building material industry, paper industry, chemical and pharmaceutical industry, textile industry, plastics industry, wood industry, food industry, power plants and waste incineration plants, industrial cleaning contractors

Technical advantages

Pneumatic AirShock® filter cleaning for continuously high suction power. Keeps the filter clean, also when working continuously. Designed for easy maintenance and easy handling.



The AirShock® inflates the filter pockets instantaneously. Accumulated dust drops off and falls down into the collection container