



INDUSTRIAL VACUUM SYSTEMS

Product Group Industrial Vacuum Cleaners



- Workshop cleaning
- Cleaning of process equipment



- Vacuum cleaning
- Separation of metal chips from coolant



- Vacuum conveying
- Vacuum transport



VacPro

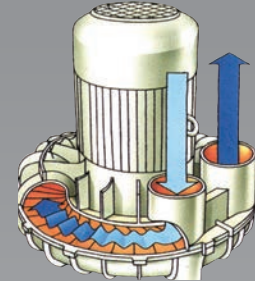
Favorably priced all-round units for standard applications from dust to liquids

Two vacuum units with four electric versions at choice:

Side channel vacuum pump, 2.2, 3 or 4 kW three-phase motor for continuous operation, high vacuum for swarf, grease, oil, liquids, dust and for long suction distance (with pipe work system)

VacPro 16
VacPro 16 H

VacPro 16 M Atex 3D

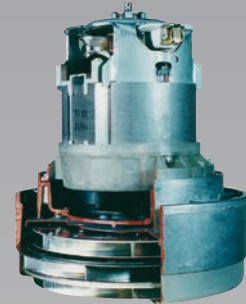
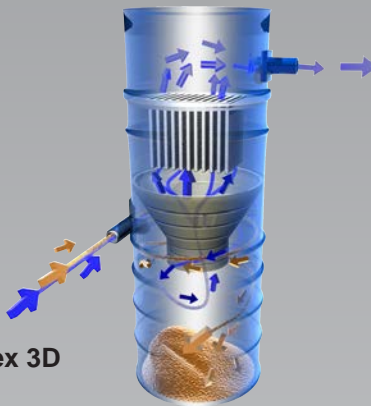


VacPro 26
VacPro 26 Atex 3D

VacPro 46
VacPro 46 Atex 3D

Integrated centrifugal separator relieves the main filter to a large extent from dust and completely from liquids.

Turbo blower, 3.6 kW, single-phase motor
High airflow for superior suction performance. For all types of suction material.



VacPro 56 / 76
VacPro 56 / 76 Atex 3D

VacPro 110
VacPro 110 Atex 3D

Pneumatic AirShock® filter cleaning keeps the filter clean and provides continuously high suction power.



All types have as standard equipment:

- mechanical pre-separator
- heavy-duty pocket filter, dust class M
- pneumatic AirShock® filter cleaning device
- sound insulation



VacPro 16 MultiPac H

Professional industrial vacuum unit for dry particles and dust



The discharge flap discharges the suction material into the MultiPac collection bag. The MultiPac bag is then closed off with two hose clamps. By cutting off the sealed part of the bag the suction material can be disposed without dust emission. The MultiPac collection bag is long enough for 50 to 60 bagging units.

- designed for hazardous suction material, dust class H
- dust free discharge of the suction material into the MultiPac collection bag



Pneumatic AirShock® filter cleaning keeps the filter clean and provides continuously high suction power.



IS-11 Filter

Professional industrial vacuum units for liquids, metal chips and fine dust



Two Versions:

- Single phase motor
3.6 kW, turbo-blowers,
Airflow 570 m³/h,
Suction power 205 mbar,
- Three phase motor
3 kW side channel pump,
Airflow 340 m³/h,
Suction power 330 mbar,

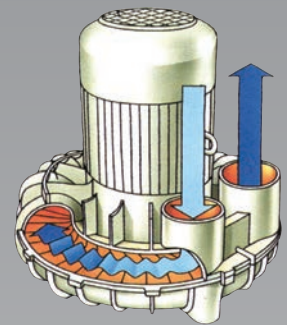


IS-36 / IS-46



Get your cost for machine cleaning under control. Use a professional unit!

- Industrial vacuum cleaner for continuous operation. Extracts dust, chips, liquids
- Collection capacity 50 litres
- Atex-version, dust classes M and H
- Safety cartridge filter (option)
- Suction inlet DN 50 (IS-36)
DN 60 (IS-46)
- Airflow 340
Suction power 330 mbar
- Pneumatic AirShock® filter cleaning for continuously high suction performance

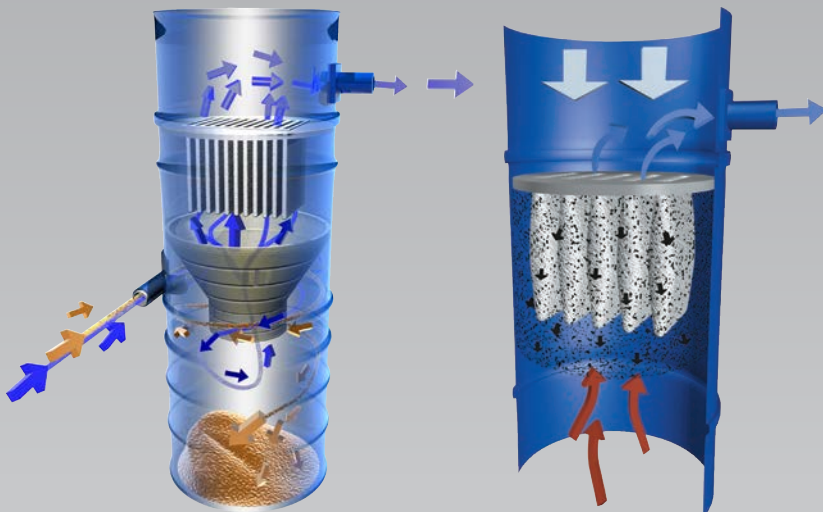


Power pack

3 kW
side channel vacuum pump,
three phase flange motor

Integrated centrifugal separator relieves the main filter to a large extent from dust and completely from liquids

Pneumatic AirShock® filter cleaning keeps the filter clean and provides continuously high suction power.



Technical advantages

Dust free disposal of hazardous dust, e.g. in the chemical and pharmaceutical industry.

ATEX Explosion protection
Safe handling of explosive dust, gases and vapours.



FS-216

Sump and swarf cleaner, technologically one step ahead, designed to meet factory requirements

Professional sump and swarf cleaner - keeps working machines functional

Extracts liquids with a rate of up to 200 litres/min. Collects chips in a sieve basket, cleans and returns the coolant.

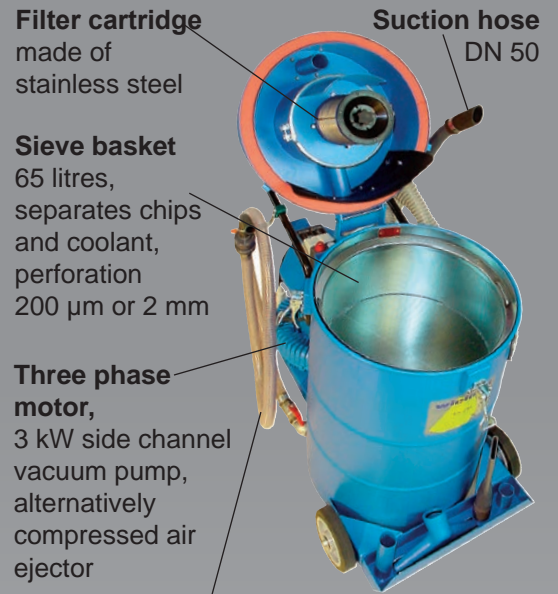
Silent, maintenance-free side channel vacuum pump for continuous operation.

3 kW three phase motor, airflow 340 m³/h, suction power 330 mbar



- Empties the coolant reservoir
- Extracts chips and coolant and returns the cleaned coolant
- Cleans machines and installations

FS-216 is the answer if you want to increase your machine time whilst reducing the cost for coolant and machine cleaning



Pressure discharge hose for liquids, ball valve, (no maintenance required for a separate pump)

Separation of metal chips and swarf in the sieve basket

Sieve basket with 65 litres, perforation 2 mm or 200 µm



Optional equipment for 65 litres sieve basket: 200 µm fine sieve



IS-56 / IS-76

Heavy duty unit for continuous operation in the metal working industry, heavy industry and bulk material industry

Three phase motor with 5.5 kW or 7.5 kW
Side channel vacuum pump, maintenance-free for continuous operation

Airflow 520 or 700 m³/h,

Suction power 440 mbar

Cyclonic separator relieves the main filter to a large extent from fine dust and completely from liquids



PE-bag 80 litres for fine dust

Collection container 80 litres with wheels

Technical advantages

Liquids or fine dust?
No problem!

Liquids go into the collection container, fine dust can be collected in specially shaped PE-bags

IS-56 (5.5 kW) and IS-76 (7.5 kW)

Powerful units with enough suction power to be used with pipework systems. Suction distance up to 50 m

- Centrifugal separator as standard equipment
- Pneumatic AirShock[®] filter cleaning device as standard equipment
- High suction performance, suitable for semi-stationary applications with suction pipelines



Stationary version of the IS-56

For connection to a pipework system. Mounted on a support frame. Can discharge e.g. into containers or onto conveyor belts



MaxVac Compact

Convincing performance – optimised handling



- for industrial cleaning jobs
- for material extraction from pits
- for conveying suction material over 50 m distance, suction rate up to 6 t/h



Three phase motor
(compressed air ejector on demand)

MaxVac Compact 110, 11 kW

Airflow 1140 m³/h,
Suction power 440 mbar



MaxVac Eco

The top models among professional industrial vacuum cleaners



- Bulk extraction of all types of suction materials, from fine dust to liquids and sludge
- Dust extraction of hand-held grinding and polishing tools
- Connection to pipework systems with suction distances up to 100 m / suction rate up to 10 t/h



Intercept hopper

VEK-500, volume 0.5 m³, to increase the collection capacity. Possibility to use the customer's material handling system

MaxVac Eco 110, 11 kW

Airflow 1140 m³/h
Suction power 440 mbar

MaxVac Eco 220, 21.3 kW

Airflow 1200 m³/h
Suction power 600 mbar



S-3

More than 1000 success stories in the heavy industry and bulk material industry



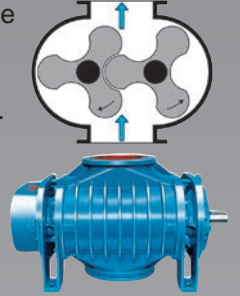
Intercept hopper
Type VER 1500

Heavy duty suction unit
S-3 K 500 R, Transport frame for fork lift trucks

Technical advantages

Rotary piston vacuum pumps are superior to side channel vacuum pumps and multi stage blowers for conveying **large amounts of suction material**. The vacuum of the rotary piston pump builds up immediately when a blockage occurs whereas other vacuum producers build up their vacuum slowly

The optimum suction mode for rotary piston pumps is dense phase conveying (large amounts of material and long suction distances). Side channel vacuum pumps and multi stage blowers are suitable for lean phase conveying.



The S-3 empties pits after a breakdown of the bucket conveyor, cleans conveying equipment before the repair work starts, fills BigBags and containers, cleans the whole production area



22 kW, rotary piston vacuum pump, suction rate up to 10 t/h, Suction inlet DN 100, Heavy duty wheels, Airflow 1355 m³/h, Suction power 500 mbar



S-3 K 120 R

S-3 K 500 R

Two S-3 units in parallel, connected to a 7 m³ skip hopper, are unbeatable when comparing performance and operating cost

