

high grade + large filter + pharma  
**Industrial vacuum cleaner for dust**



Electrical

**ESVA**

**Mobile vacuum cleaner with high suction volume and large filter area**

**Application**

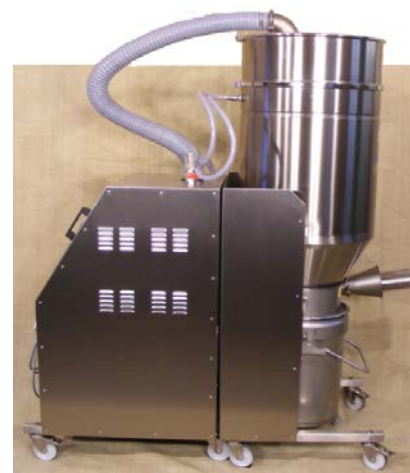
Mobile, powerful vacuum cleaner, which also can be used as a stationary vacuum unit in the chemical-, pharmaceutical- and petrochemical industry as well as any other companies. Due to the short preparation time and easy handling are the units quick. This range of vacuum cleaners has been purposely designed and built to meet the needs of users to safely and effectively pick up hazardous dusts and debris. Each model in the range is equipped with three stages of filtration on the negative pressure (suction) side of the motor. The first stage is a disposable bag, the second stage are high efficiency cloth filter. The third stage is an oversized HEPA (High Efficiency Particulate Air) cartridge filter housed in a sturdy replaceable module. The HEPA Filters are DOP tested, on calibrated test equipment, to achieve a filtration efficiency of greater than 99.999%.

The units are designed with a detachable recovery tank on wheels with a capacity 50 liters. The goods can be recovered directly in the stainless steel tank or in a conductive polyliner bag with a special lid. The bags are very useable for easy emptying of recovered materials and for the dust-free disposal.

Unit can be delivered with an automatically controled pneumatical filter cleaning system (including a compressor which is placed next to the side channel blower). Our filter system ensures that the process is uninterrupted even when cleaning the filter.

**Features / Advantages**

- Reliable and built-to-last side canal blower
- Available in different power levels
- Mobile units
- Highest safety and technical quality
- All stainless steel construction incl. cart
- Reduced noise level
- Robust yet light weight
- Filter units can be cleaned and changed very easy
- Easy handling



drive unit can be placed in variable position or can be completely separated



Disposable polyliner



separabile units



suction volume control valve

Technical features	
Engine	Electrical Motor EX
Power	2x 2,2 or 2 x 3,0 kW
Normal Voltage	400 V / 50 Hz. [IP 65]
Suction volume	820 m³/h or 860 m³/h max.
Vacuum	170 or 220 mbar max.
Capacity	50 Liter
Filter area	60.000 cm²
Hose entry	80 mm, reduceable
Weight	ca. 140 / 190 kg
Noise level	72 dB (A)
Dimensions LxWxH	1.250x680x1.950 mm

Type	L	Filterclass	Medium	Part no.
ES VA 2 x 2,2	50	M / H	dust	2009279
ES VA 2 x 3,0	50	M / H	dust	on request
Supplied with:				Part no.
Filter 1: Polyliner bag				2003452
Filter 2: Prefilter Filterclass M (electr. conductive)				2004727
Filter 3: Mainfilter HEPA H14 / 99,999 %				2003996