

VACUUM CONVEYORS "VS"-SERIES



NEW: improved module connection



GENERAL INFORMATION

- Diameter 200 mm (8"), 250 (10"), 350 (14"), 450 (18") (VS 200, VS 250, VS 350, VS 450)
- Material 316L (1.4404 or 1.4435)
- Module thickness 1.5 mm (1/16")
- Surface ground, $Ra \leq 0.8 \mu m$
electro-polished surface $Ra \leq 0.5 \mu m$ as option
- Gaskets Silicone (FDA), EPDM (FDA) or NBR (Nitril)

NEW: Improved module system for even better cleaning (patented)

- + new module system with new connection
- + all surfaces visible and easy accessible for cleaning
- + no deep areas or gaps
- + lower rate of product remaining on surfaces
- + easier assembly and dismantling
- + stable under vacuum - no additional compression of gaskets under vacuum
- + completely electrical conductive design
- + Module gaskets easy to mount, similar at all module connections (one type - no mis-assembly of wrong gasket)
- + vacuum resistant up to -96 kPa, pressure proof up to +0.5 bar
- + easier handling of clamp rings



NEW: Quick-change filter system

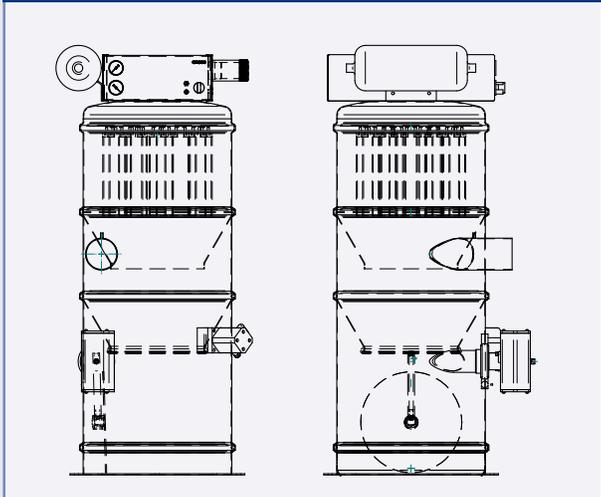


NEW: Filtersystem with quick snap-on connection (pat.pend.)

- + filter materials PE-HD and TiO7
- + compatible filter plate for both PE-HD and TiO7 filter elements (exchangeable)
- + filter element $\varnothing 112 \times 100/200/300 \text{ mm}$ ($\varnothing 4.4" \times 4"/8"/12"$)
- + combined radial and axial sealing
 - + hygienic sealing of gap between filter element and filter plate
 - + changing of filters by hand, no tools required
 - + filter is working properly even though the snap-on element might be loose
 - + with snap-on element, filter is safe against dis-connection (falling down)



NEW: improved discharge modules



NEW: discharge modules with increased discharging diameter and pneumatic drive mounted outside

- + increased discharging diameter for quicker material release (VS 200/250/350/450: $\varnothing 130/160/220/280 \text{ mm}$ // $\varnothing 5.1"/6.3"/8.7"/11"$)
- + strongly bridging material, more easily discharged
- + actuator mounted outside, no pneumatic parts inside the conveyor
- + opening and closing forces increased
- + indicator to show the status of the discharge flap (open ./ closed)
- + mounting and disassembling manually without tools required
- + safe electrical conductive connection of the discharge flap without cable
- + gap-free design with seals between parts
- + dust-free design of the shaft connection



VOLKMANN, Inc.

3855 Sylon Blvd.
Hainesport Business Complex
Hainesport, NJ 08036, USA

Tel. 609 - 265 - 0101
Fax 609 - 265 - 0110
eMail: usa@volkmann.info