



Vacumobil 300

## Vacumobil 250/300

Dust extractor

5,5/7,5 kW (IE3)

H3 certified

**HÖCKER<sup>®</sup>**  
**POLYTECHNIK**

*Always one idea ahead*

# Vacumobil 250/300

## Unbeatable benefits across the board.

The innovative dedusters Vacumobil 250 and 300 from Höcker Polytechnik set completely new standards of extraction production machines and air pollution control. They captivate by many innovations as regards energy efficiency, unit size, performance characteristics, modularity and flexible application possibilities. Different cleaning procedures (jet and vibration) and discharge systems (collection bins, briquetting presses, rotary valves) as well as performance levels (5,5 and 7,5 kW) offer customized solutions.

As standard the Vacumobils 250 and 300 are driven with motors efficiency class IE3 which guarantees high energy savings and green operation. Only BG-certified filter material is used. In the range of unit security the innovative mobile dedusters are protected by an automatic fire suppression system, as well as, integrated, explosion proof blowback protection (approved for organic dusts, dust explosion class St1).



Fig. above:  
Vacumobil VP 250  
with vibrations cleaning and briquetting press

Fig. below:  
PLC-control, automatic fire suppression system

## Up to 25% efficiency advantage with the optional IE5 efficiency power pack

Vacumobils with IE5 permanent magnet motors reduce your power consumption and increase air performance.

Available for Vacumobile 250, 300, 350 series:

Permanent magnet motor (IE5), frequency converter, tuned control electronics. **Talk to us!**



### Safety with a capital S

The Vacumobil is delivered ready for connection with phase change plug and can, thanks to the integrated automatic fire suppression system, be installed in the working area without further fire protection measures.

An integrated FSA-tested blowback protection secures in the area of raw air inlet the explosion decoupling and escape of dust. The rotary valves of Vacumobil JZ and VZ are pressure shock resistant and flameproof (tested Dekra-EXAM).







Fig. above:  
Vacumobil JZ 300  
with compressed air-impulse cleaning and rotary valve



Fig. above:  
Vacumobil JT 300  
with compressed air-impulse cleaning and collection bins

## Advantages

- Installation in the work area allowed (depending on type of dust)
- Low residual dust content <0.1 mg/m<sup>3</sup> (H3) acc. to TRGS 553
- 100% utilization of heat energy through air return
- Large filling capacity of 3 to 4 tons
- Online-cleaning available (supplementary charge)
- Height <2.5 m
- PLC-control system with automatic switch on
- Drive Efficiency Class IE3
- Automatic filter cleaning
- Integrated automatic fire suppression system
- Tested blowback protection integrated
- Pressure relief not required for St1 dusts
- BG-approved filter material (filtration efficiency 99.95%)
- Low energy consumption and high suction performance

## Small lexicon

**JT** = Jet-cleaning / collection bins (tons)

**VT** = Vibration cleaning / collection bins (tons)

**JP** = Jet-cleaning / briquetting press

**VP** = Vibrations cleaning / briquetting press

**JZ** = Jet-cleaning / rotary valve

**VZ** = Vibration cleaning / rotary valve

	Vacumobil JT 250	Vacumobil VT 250	Vacumobil JT 300	Vacumobil VT 300
Suction connection diameter	250 mm	250 mm	300 mm	300 mm
Engine-rating	5.5 kW / 400 V / 50 Hz (IE 3)	5.5 kW / 400 V / 50 Hz (IE 3)	7.5 kW / 400 V / 50 Hz (IE 3)	7.5 kW / 400 V / 50 Hz (IE 3)
Filter area	ca. 20.5 m <sup>2</sup>	ca. 20.5 m <sup>2</sup>	ca. 28 m <sup>2</sup>	ca. 28 m <sup>2</sup>
Nom. Volume Flow (V Nom)	3,535 m <sup>3</sup> /h at 20 m/s	3,535 m <sup>3</sup> /h at 20 m/s	5,100 m <sup>3</sup> /h at 20 m/s	5,100 m <sup>3</sup> /h at 20 m/s
Max. Volume Flow (V Max)	5,500 m <sup>3</sup> /h	5,500 m <sup>3</sup> /h	6,000 m <sup>3</sup> /h	6,000 m <sup>3</sup> /h
Vacuum generated V Nom <sup>(2)</sup>	ca. 3,400 Pa	ca. 3,400 Pa	ca. 3,200 Pa	ca. 3,200 Pa
Vacuum generated V Nom <sup>(3)</sup>	ca. 2,950 Pa	ca. 2,950 Pa	ca. 2,700 Pa	ca. 2,700 Pa
Vacuum generated V Max <sup>(2)</sup>	ca. 3,000 Pa	ca. 3,000 Pa	ca. 2,700 Pa	ca. 2,700 Pa
Collection Volume	ca. 495 Liter max,	ca. 495 Liter max,	ca. 495 Liter max,	ca. 495 Liter max,
Maximum sound pressure level <sup>(4)</sup>	≤ 73 dB(A)	≤ 73 dB(A)	≤ 75 dB(A)	≤ 75 dB(A)
Measurements (L x W x H)	2,750 x 1,030 x 2,500 mm	2,650 x 1,030 x 2,500 mm	3,210 x 1,030 x 2,500 mm	3,070 x 1,030 x 2,500 mm
Weight	ca. 740 kg	ca. 720 kg	ca. 900 kg	ca. 880 kg
Dedusting	Pressurized air (offline) <sup>(4)</sup>	Vibration (automatically with added running times)	Pressurized air (offline) <sup>(4)</sup>	Vibration (automatically with added running times)
Blast gate control	optional	optional	optional	optional

<sup>(4)</sup> Measured according to the EU Machinery Directive subject to free field conditions with 1 m distance of 1.6 m height <sup>(2)</sup> in delivery status – non-impinged filter hoses  
<sup>(3)</sup> acc. to GS-HO-07 <sup>(4)</sup> online cleaning optional (for explosive dust-air mixtures only permitted with further protective measures) Attention: Units with online cleaning do NOT have GS and H3 markings.



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