



Vacumobil JT300 / VT300
The new generation of mobile dust collectors
as per DIN 8416



**HÖCKER[®]
POLYTECHNIK**

Always one idea ahead



Clean air at the workplace with Höcker filter systems.



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Unbeatable benefits across the board.

The innovative mobile dust collectors Vacumobil JT 300 and VT 300, from HÖCKER POLYTECHNIK, set new standards in the extraction of almost all types of particles, such as wood chips and dust and are also fully compliant with DIN 8416. They impress - compared to their successful predecessors EA 250 A and EA 300 A – by many improvements in regard to their appliance size, performance characteristics and flexible capabilities.

The drive of the JT 300 and the VT 300 is implemented in Efficiency Class 1 (IE2) as a standard feature, thus guaranteeing an extremely environmentally friendly and energy-efficient operation. All models are examined and approved by the Employer's Liability Insurance Associations in accord with GS-HO 07 and work exclusively with IFA-certified filter materials. These innovative mobile dust collectors also come standard with an integrated automatic extinguisher.

The mobile suction and filter extraction, the high-performance fan or the extremely low noise level of <75 dB (A) allow both machines to be masters of their class. The two types differ only in the sophisticated technology of their filter cleaning and thereby align themselves completely on the demands of their operators. HÖCKER POLYTECHNIK once again offers its customers excellent price and performance with this new generation of Vacumobil dedusters.

Technical Data

	Vacumobil JT300	Vacumobil VT300
Suction connection diameter	300 mm	300 mm
Engine-rating	7,5 kW / 400 V / 50 Hz	7,5 kW / 400 V / 50 Hz
Filter area	ca. 28 m ²	ca. 28 m ²
Nom. Volume Flow (V Nom)	5100 m ³ /h bei 20 m/s	5100 m ³ /h bei 20 m/s
Max. Volume Flow (V Max)	6000 m ³ /h	6000 m ³ /h
Vacuum generated V Nom**	ca. 3100 Pa	ca. 3100 Pa
Vacuum generated V Max**	ca. 2500 Pa	ca. 2500 Pa
Collection Volume	495 Liter max.	495 Liter max.
Maximum sound pressure level*	< 74,5 dB(A)	< 74,5 dB(A)
Measurements (L x W x H)	3210 x 1030 x 2492	3070 x 1030 x 2492
Dedusting	Pressurized air (offline)***	Vibration (automatically with added running times)
Slide valve gear	optional	optional

*Measured according to the EU Machinery Directive subject to free field conditions with 1m distance of 1.6m height

**in delivery status – non-impinged filter hoses

***online cleaning optional



[1]

Vacumobil JT300

- Ideal for uninterrupted use (option), due to the continuous jet dedusting with low pressured air consumption for effective maintenance of the filter media and long service life of the filter.

Vacumobil VT300

- Combines the benefits of the JT 300 and is ideally suited for operation processes with breaks. The filter media is gently cleaned during breaks in operation by vibration without the need for compressed air.

Benefits

- Installation in the work area allowed (depending on type of dust)
- Low residual dust content <0.1 mg/m³ (H3) gem. TRGS 553
- 100% utilization of heat energy through air return
- Large filling capacity of 4 tons
- Online-cleaning available (supplementary charge)
- Height <2.5 m
- PLC-control system with automatic switch on
- Drive Efficiency Class 1 (IE 2)
- Optimal filter cleaning
- Integrated automatic fire extinguishing system
- Tested non-return valve integrated
- Pressure relief not required for St1 dusts
- IFA-approved filter material (filtration efficiency 99.95%)
- Low energy consumption and high suction performance



The Vacumobil is delivered ready for connection with phase change plug and can, thanks to the integrated automatic fire extinguishing system [1], be installed in the working area without further fire protection measures.

Excerpt from our list of references

Al Reyami Office Dubai, UAE · Alcan Aviatube, FRA · Alcom, BEL · Almet AG, GER · Arabian Packaging Dubai, UAE · ASCO Industries, BEL · BHS Corrugated, GER · Bien Haus AG, GER · Bikar Metalle, GER · Bilfinger & Berger, GER · Blitz Print Kiev, UKR · BMW Group Munich, GER · Boehringer Ingelheim, GER · Bogfran Möbel, POL · Cleanaway, GER · Daimler Chrysler AG, GER · Data Industries, USA · Delta Usinages, FRA · Detech S.A., SUI · Deutsche Bahn AG, GER · Dekker Hout, NEL · Dobergo Büromöbel, GER · DEHA Holzindustrie, GER · Dublin Institute of Technology, IRE · Dula Werke, GER · Duropack AG, GER · Egger Elemente, GER · Elastoform Möbelfabrik, GER · Elastogran Kunststoffe, GER · Emirate Deers, UAE · Eurowell, GER · Fine Irish Pine, IRL · FMD Möbel GmbH, GER · Frank Druck, GER · Frisia Möbelteile, GER · Garant Türen und Zargen, GER · GKU Alcan, GER · Glenwood, IRL · Greenline, UAE · Gulf Timber Factory, UAE · Häcker Küchen, GER · Handwerkskammer Aachen, GER · Handwerkskammer Osnabrück, GER · Heckewerth Holzwerkstoffe, GER · Heitz Furniere, GER · Herlitz Berlin, GER · Hohenhausen Soltau, GER · Holz-BG Köln, GER · Holzfachschule Bad Wildungen, GER · Holzfachschule Melle, GER · Holzma Calw, GER · Homag AG Schopfloch, GER · Horvath, HUN · Hymer Caravan, GER · Jaquar Ltd., IND · JVA Aachen, GER · JVA Burg, GER · JVA Geldern, GER · JVA Herford, GER · Karibu Bremen, GER · Klemz Isolierstoffe, GER · KIMADO, JPN · Kosche Profillummantelungen, GER · Kurekss, LAT · Kusch & Co., GER · Latvia Finieris Group, LAT · Lefevre, BEL · Lerom, RUS · Ligne Roset, FRA · Lottner AG, SUI · Maghreb Emballage, ALG · Mahsan Industries, IR · Majid Wood Industries, IR · Marquardt Küchen, GER · Neuform Türenwerk, GER · Nobilia Küchen, GER · Obeikan Group Riyad, KSA · Oberhessisches Holzwerk, GER · OBI Baumärkte, GER · Pelipal Quickset Möbel, GER · Peri Schalungsbau, GER · Plywood Factory Archangelsk, RUS · Poppensieker & Derix, GER · Potteau Labo, BEL · Rollwood Holztechnik, GER · Salzgitter Magnesium Technologie, GER · SBA Furniture Group, LTU · Schwörer Fertighäuser, GER · Seibel & Weyer, GER · Seitz Kunststoffe, GER · SIA Troja, LAT · Siemens AG, GER · Simona Kunststoffe AG, GER · Stelmet S.A., POL · Stihl, NEL · Svedex binnendeuren, NEL · Swedwood IKEA, GER · Stark Druck, GER · Storaenso, FIN · Storebest Ladenbau, GER · Stork Fokker, NEL · Swatch Group, SUI · Theuma Türen, BEL · Towa Industry, RP Verems SIA, LAT · Verisett AG, SUI · Viking Windows, EST · Visagino linija (SBA furniture), LTU · Visy Paper, USA · WDR Köln, GER · Weidmann Electrical Technology, SUI · Wella AG, GER · Zenker Haus, GER

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■ Countries with HÖCKER POLYTECHNIK reference plant

