



## PaintStar U

Underfloor paint mist extraction.  
Top of the range solution for highest demands.



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

*Always one idea ahead*



Flawless gloss thanks  
to an innovative  
surface technology.

**PaintStar U**

Underfloor paint  
mist extraction.

## **U stands for Underfloor.**

### **Unbelievably good surfaces.**

The PaintStar U is the Nonplusultra among the HÖCKER POLYTECHNIK paint mist extraction systems. These units guarantee a unique surface quality, high safety at work and more economical production conditions. Furthermore, they provide unlimited freedom of movement during the work process and thus high productivity. The PaintStar U by HÖCKER POLYTECHNIK is ideally suited for all purposes and combined with a paint mist extraction wall can be used with complete confidence for any complex painting job.

Paint mist and solvents generally obey the laws of gravity and sink downwards. Underfloor extraction reinforces this vertical flow. Combined with a suitable overhead air supply ceiling, a low-turbulence vertical airflow is generated. The one-metre wide branch ducts with special perforated sheets ensure even suction over the entire surface. This way, the paint mist is effectively captured and bonded to the pleated cardboard filter under the gratings. Due to the distance between the concertina cardboard filter and the following second filter stage, and the use of special filter materials, the service life of the filter is considerably lengthened in comparison with conventional underfloor extraction systems.

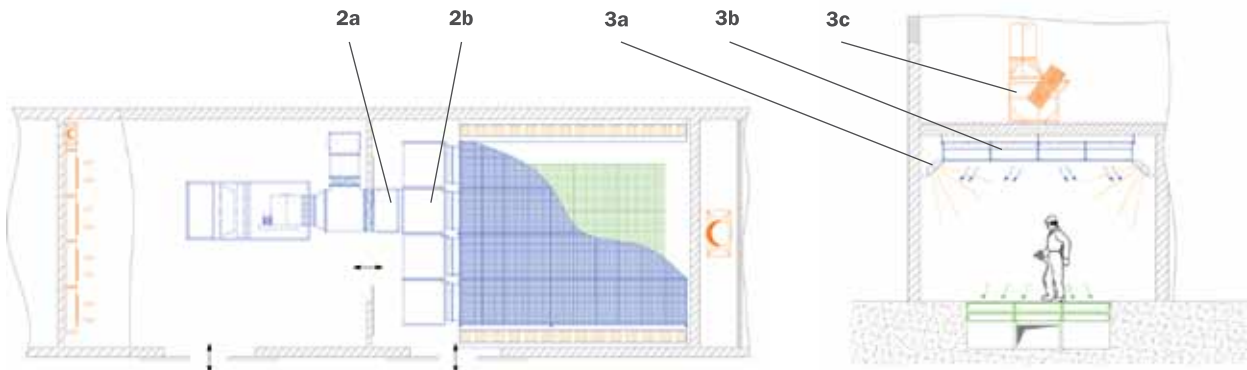
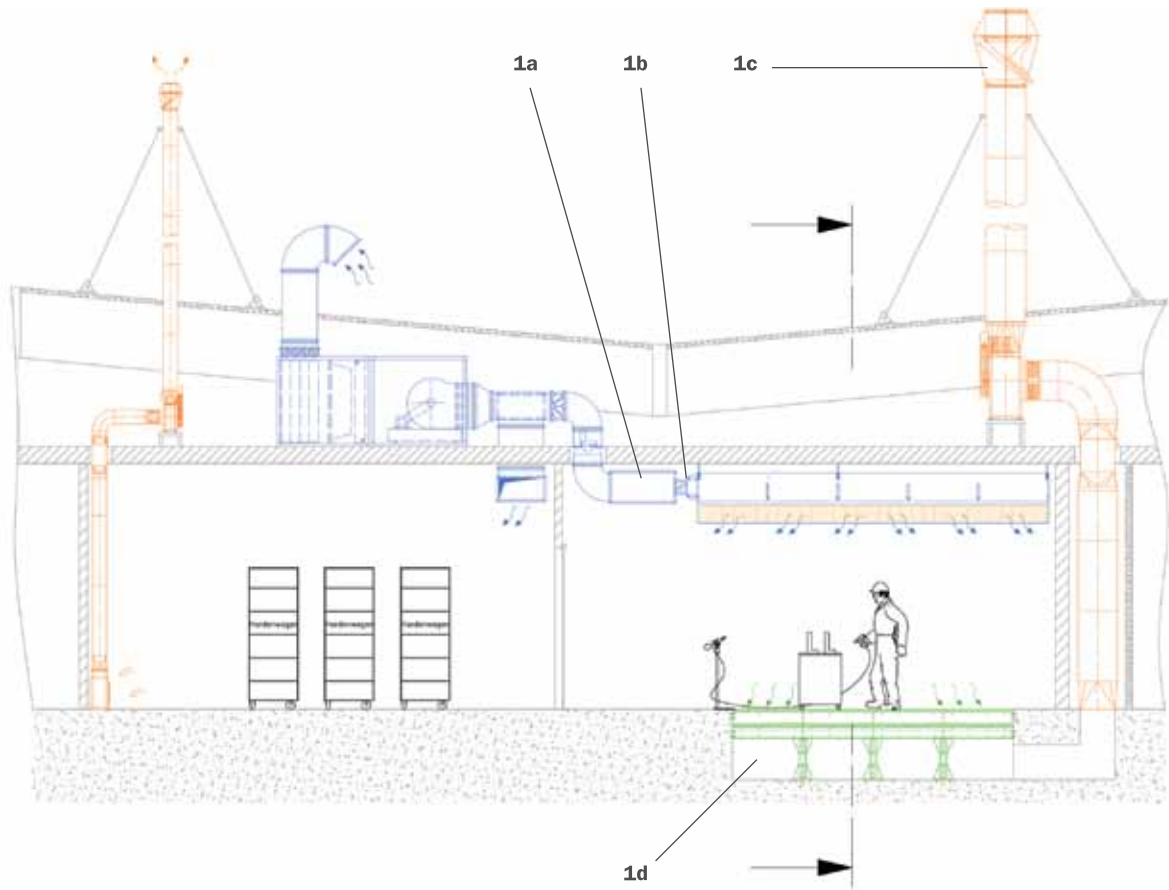
#### **All advantages at a glance**

- High efficiency factor over the entire surface due to the about 1-metre deep underfloor trough.
- Convenient servicing and cleaning and low downtime due to easily removable perforated sheets and filter gratings.
- Low follow-up costs as a result of efficient pleated cardboard filter and high performance secondary filters.
- When using low-solvent paints, the cardboard filter can be disposed of in domestic refuse.

**HÖCKER®  
POLYTECHNIK**

PaintStar M in combination  
with underfloor extraction.





**1 · Side view**

- 1a · Supply air duct
- 1b · Louver dampers
- 1c · Deflector hood
- 1d · Underfloor extraction

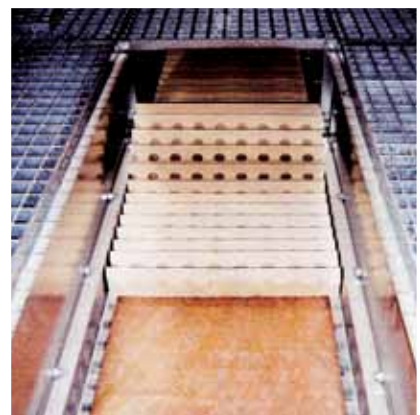
**2 · Top view**

- 2a · Supply air duct
- 2b · Main supply air duct

**3 · Front view**

- 3a · Illumination
- 3b · Supply air unit
- 3c · Extraction fan

Concertina cardboard filter under grating for effective capture of paint mist.



## 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 · Schwörer Fertighäuser, GER · Seibel & Weyer, GER · Seitz Kunststoffe, GER · SIA Troja, LAT · Siemens AG, GER · Simona Kunststoffe AG, GER · Stelmet S.A., POL · Stiho, 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

## More than 45,000 plants in over 45 years – all over the world.

■ Countries with HÖCKER POLYTECHNIK reference plant

