

Heeseemann



EA 10

DUST REMOVING MACHINE



THE WHOLE PRODUCTION OF
SANDING MACHINES IS LOCATED
AT THE HEADQUARTERS IN
BAD OEYNHAUSEN, GERMANY.

HEESEMANN

SANDING WITH PASSION

Heesemann has produced sanding machines for the industry and craftsmen for more than 80 years.

Numerous trend-setting, essential innovations were made during this time, many of which are now industry standards. Heesemann has, throughout its history, consistently provided new inventions and revolutionized sanding technology.

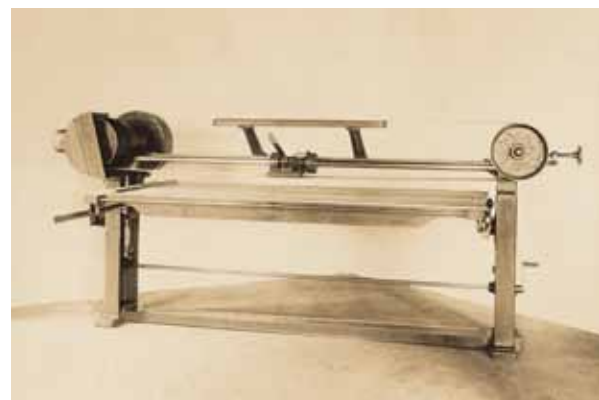
Heesemann has always been the leader in innovative sanding technology and every decision we make is with this objective in mind.

Today Heesemann has about one hundred fifty employees in Bad Oeynhausen, Germany and is the world market leader in the area of wood sanding machines. The production program includes machines for sophisticated handcraft as well as huge industry machines.

A world-wide organized distribution network and service subsidiaries in the most important regions and markets provide appropriate local contact people, guarantee efficient communication and the highest parts and service department performance.

Heesemann supports our customers with broad service offerings covering the entire lifetime of our machines. These include a wide spectrum of services such as an extensive application consultation, professional training of your staff, technical support and functional upgrades.

*One of the first Heesemann
belt sanding machines.*

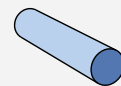




1 350 mm
Working width

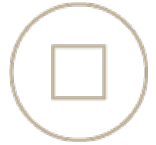


3 - 60 m/min
Feed speed



up to 5
Cleaning units

EA 10 FOR AN ALMOST DUST FREE SURFACE



Adhering dust or chips after processing or storing are frequently a problem for the further treatment of workpieces. Especially if the surface is to be covered with a lacquer coating or other materials, adhering dust, dirt or chips lead to considerable defects.

The Heesemann machine EA 10 / EA 10-C can be equipped for different cleaning tasks in a very flexible manner.



All Heesemann sanding machines are operated via an intuitive user interface based on Microsoft® Windows® on a touch screen device.



EA 10 AVAILABLE UNITS



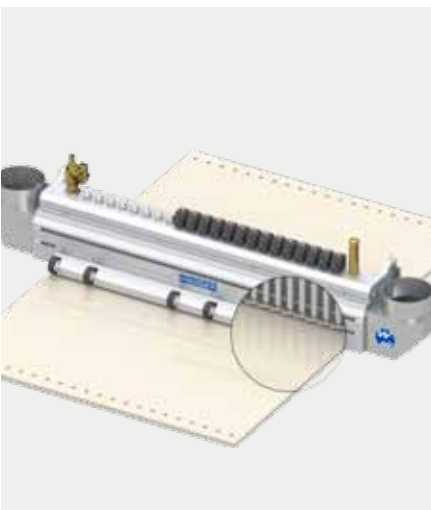
Ionisation



Rotating blasting nozzles



Wandres sword brush



Wandres Tornado Channel



Brush

TECHNICAL DATA

EA 10

Dimensions and weight of the standard execution	
Dimensions (LxWxH mm)	1,200 x 2,260 x 1,500 (incl. sockets)
Weight (kg)	aprox. 1,600
Extraction quantity (m ³ /min.)	60
∅ Diameter sockets	2 x 80 mm, 2 x 160 mm
Air speed (m/s)	20
Total capacity (kW)	7

PRODUCT MATRIX

SURFACE SANDING MACHINES

			
	Sanding width	Feed speed	Sanding units
HSM	1 300 mm	3 - 15 m/min	2 or 3
MFA Impression	1 350 mm	3 - 15 m/min	up to 4
MFA 10	1 350 mm	5 - 25 m/min	up to 6
BM 8	1 350 mm	5 - 25 m/min	up to 6
LSM 8	1 300 mm / 1 400 mm	5 - 25 m/min	up to 6
KSA 8	1 600 mm - 2 600 mm	5 - 25 m/min	up to 6
FBA 8	650 mm / 1 350 mm	6 - 30 m/min	up to 4



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ROTIERENDE ABSTRAHLUNG

Die EA 10 kann mit rotierenden Abblasdüsen zur Reinigung der Oberseite der Werkstücke ausgerüstet werden.

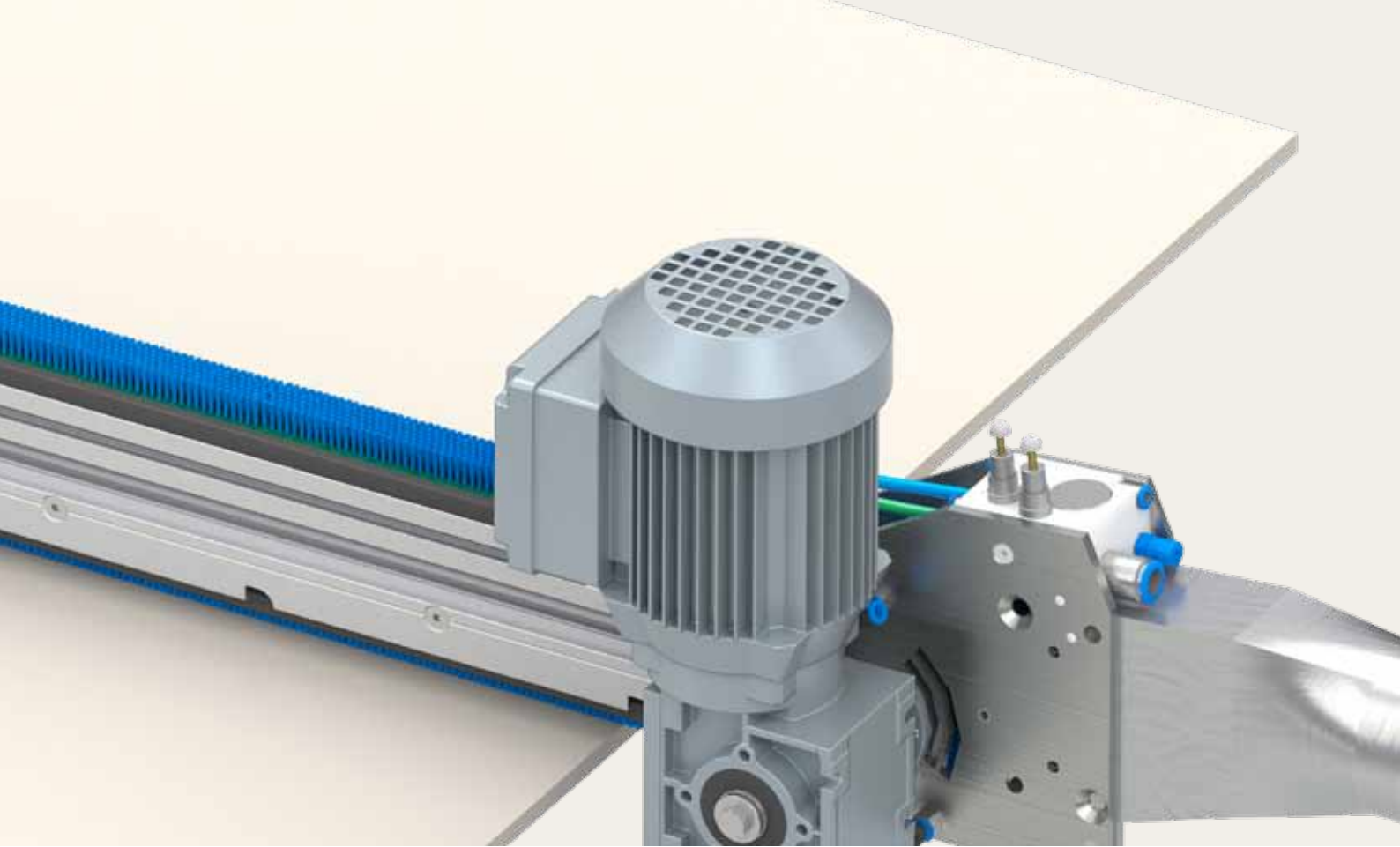




WANDRES SWORD BRUSH

Wandres Sword Brushes® always wipe the surface across the feed direction. The proven Ingromat® system removes dust and coarse particles effectively and gently from the subject surface. Thereby a thin film of antistatic cleaning liquid is applied onto the bristle heads. The capillary adhesive force binds the particles to be removed to the bristles. In comparison to traditional cylindrical brush rollers, the linear brush removes the particles even more reliably and conducts them towards the suction system situated at the return area.

For an even more effective cleaning result or at high feed speeds a double Sword Brush® can be integrated.

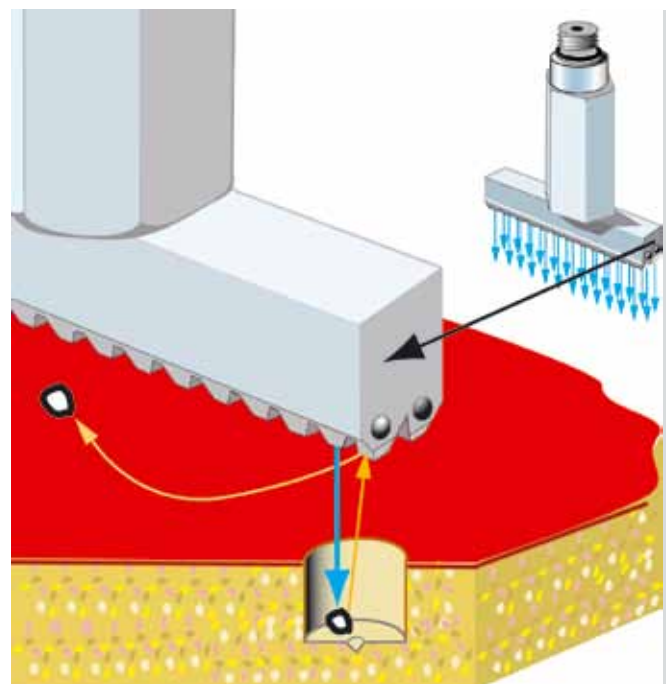
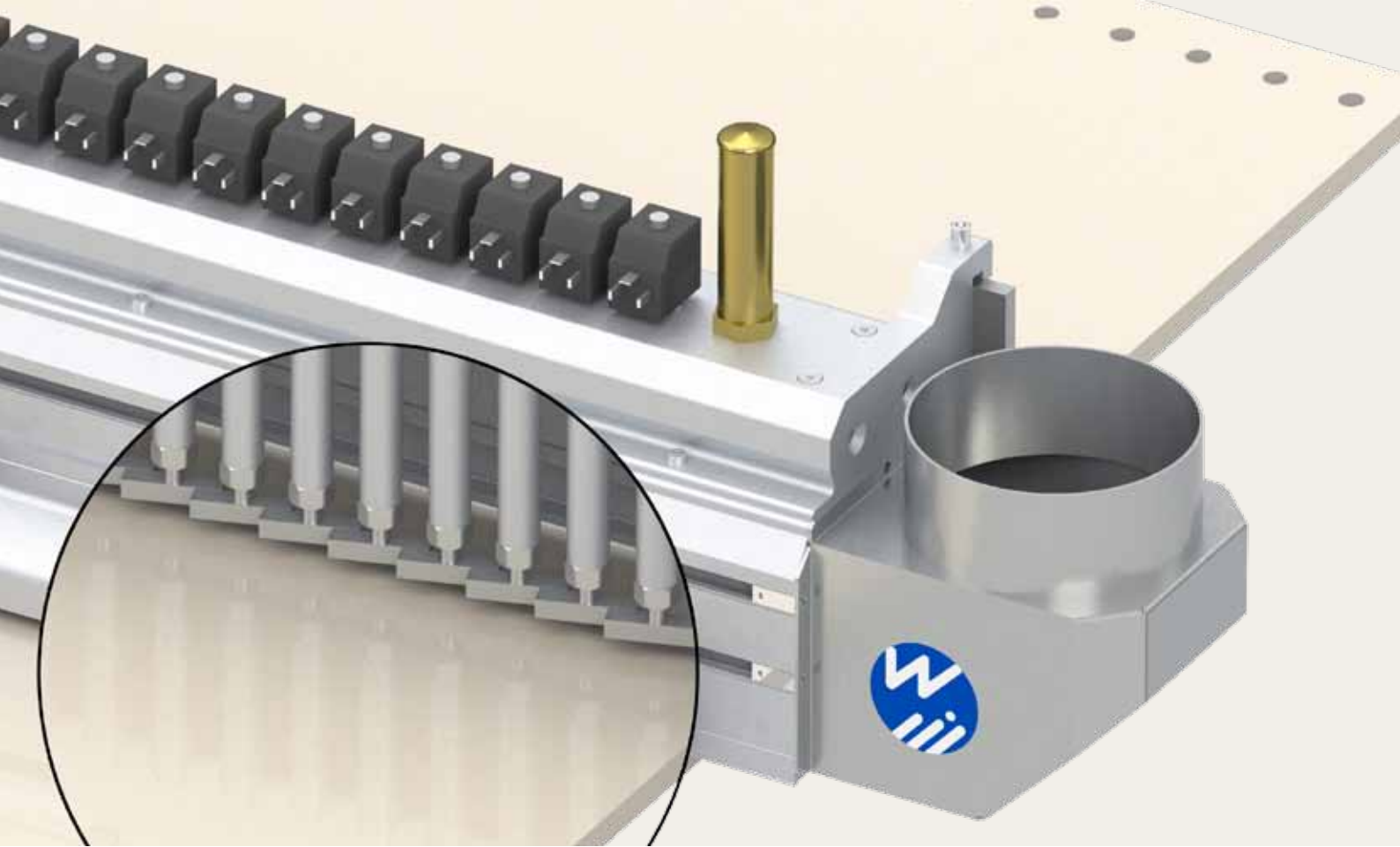




WANDRES TORNADO CHANNEL

Compressed air driven nozzles positioned in the border area of the U-shaped Tornado-Channel create a cross flow towards the suction device. In the center power nozzles act upon the surface and into drillings vertically resp. slightly angular.

The particles raise up and stream to the integrated vacuum channel into the extraction system. The whole flow activated by compressed air transports particles into the Tornado-Channel.



Functional principle of the Tornado Channels.



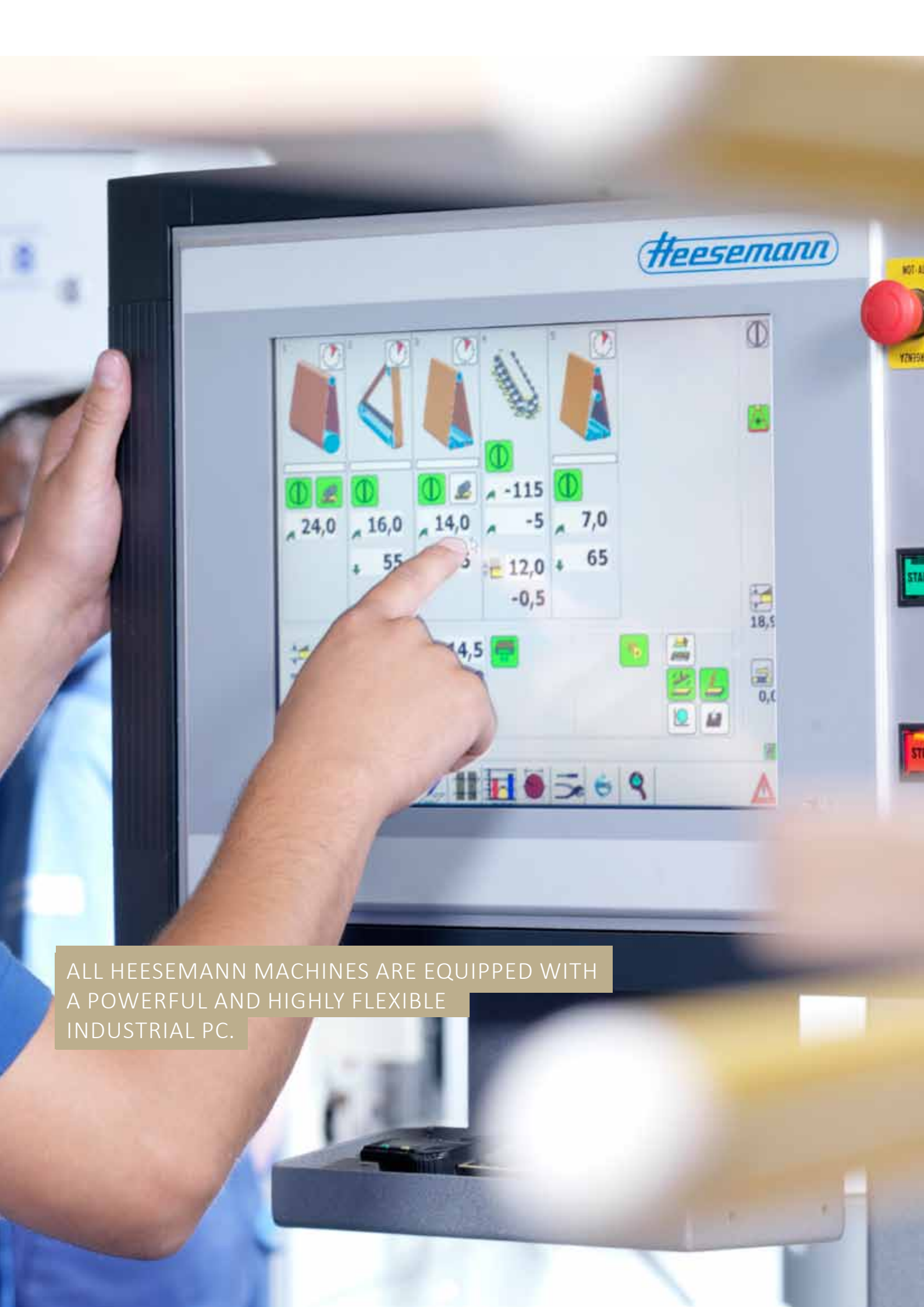
HEESEMANN IONIZATION BAR

One ionization bar each for the top and bottom side of the work pieces for leading away statically adhering dust



HEESEMANN CLEANING BRUSHES

The EA 10 can be equipped with cylindrical cleaning brush rollers with horse hair or fibre trimming for cleaning of the top and bottom side of the work pieces.



Heeseemann

ALL HEESEMANN MACHINES ARE EQUIPPED WITH A POWERFUL AND HIGHLY FLEXIBLE INDUSTRIAL PC.

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IPC WITH TOUCH SCREEN

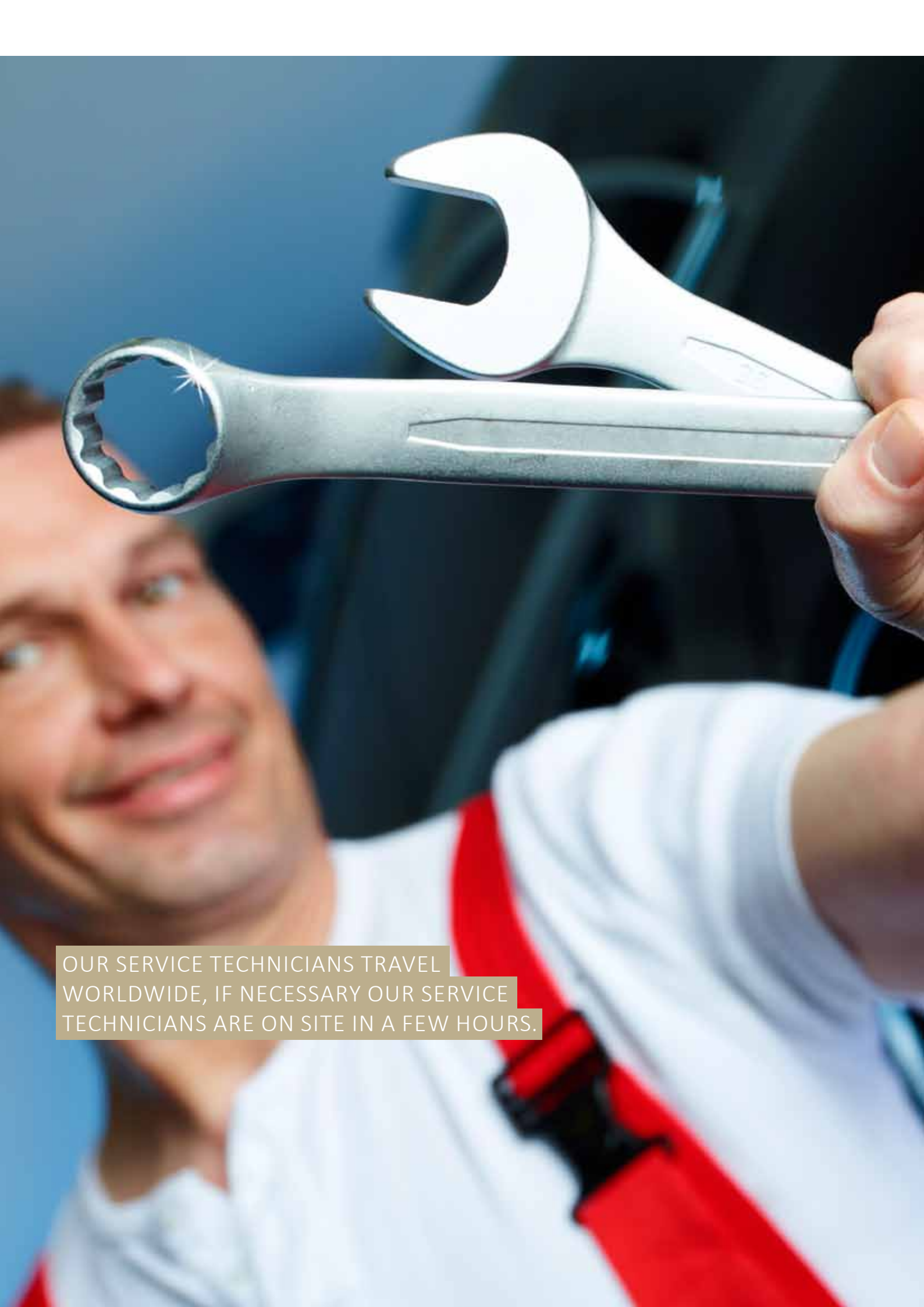
All Heesemann machines are equipped with a powerful and highly flexible industrial PC. All frequently repeated adjustment values are graphically displayed clearly on one screen page.

In addition, this industrial PC provides diversified applications for diagnosis and the ability to use peripheral equipment via standard interfaces. Furthermore, it can be connected to internal and external networks using Ethernet TCP/IP. The industrial PC acts like a web server and is diagnosable via standard browsers.

The industrial PC is available in a screen size of 10.4" or 15". The 15" model provides an additional operating data recording and is moveable to the operators' eye-level by a pivot mounted arm.



The industrial PC is available in 10.4" and 15" screen size.



OUR SERVICE TECHNICIANS TRAVEL
WORLDWIDE, IF NECESSARY OUR SERVICE
TECHNICIANS ARE ON SITE IN A FEW HOURS.

HEESEMANN

SERVICE - ON-SITE WORLD-WIDE

As a manufacturer of highly technical machines with a long machine life our customers' satisfaction is our highest priority. Customers' confidence in our competence is one of our most important goals.

Our technical customer service supports you troubleshooting an effective solution for possible problems. If advice by phone is insufficient, an online diagnosis can take place. If the dispatch of a technician is necessary, no problem - our service technicians travel world-wide, if necessary our service technicians are on site in a few hours.

Heesemann offers their customers all classical service activities like installation, commissioning, application enhancement, maintenance and repair.

We ensure a fast supply with wear and spare parts by our extensive spare parts warehouse. In cooperation with our freight partners we deliver world-wide with speed and reliability. Heesemann delivers original spare parts only which deliver our high standards in accuracy, material properties, durability, functionality and quality.

Our inspection service provides a detailed evaluation of your machines' technical condition. On demand we compile offers for further provisions, installation possibilities of latest sanding technology and control upgrades.

Such as our machines our customer service and spare parts are warrantors for quality and reliability "made in Germany".







Service-Hotline:
+49 5731 - 188-0

*Our service team is available on working days
between 7 am and 5 pm.*





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-  Surface sanding machines for wood
HSM, MFA Impression, MFA 10, LSM 8, KSA 8, BM 8, FBA 8
-  Surface sanding machines for metal
MSM 10
-  Edge and profile sanding machines
UKP 20
-  Sanding machines for 3D processing
BM 8, UKP 20