

# Captivate the senses. Surface can be seen and felt.

**HE HOMAG**

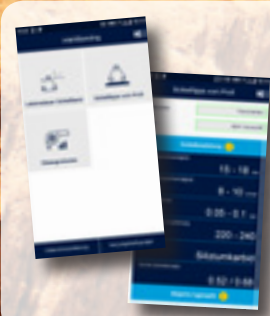
## **Our Wide-Belt Sanding Machines**

SANDTEQ W-300

SANDTEQ W-700

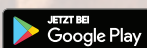
**YOUR SOLUTION**





**NEW**

The IntelliSanding App is your perfect companion for everything concerning sanding. Download the app from your store today!





## Hi-tech interior in attractive design.

For more than 70 years, HOMAG sanding technology has been renowned for its powerful wide-belt sanding machines and innovative surface processing. This includes special and universal sanding machines for calibration, fine sanding and lacquer sanding. Always focused on processing wood and wood-like materials.

HOMAG is present and active throughout the world. Whether consulting, selling or providing fast on-site service, HOMAG is ably supported and represented in over 65 countries.

### YOUR SOLUTION

### MORE: [HOMAG.COM](https://www.homag.com)



SANDTEQ W-300

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## Technology that inspires...

As a basis for the solution of surface processing sanding tasks, the variety of possibilities offered by our SANDTEQ W-300 is presented on the following pages. In the furniture industry, this has meant that very specialized machines are in continuous use more frequently. In the trade sector, machines must be suitable for a wide range of applications and also able to be utilized according to

priority. With many years of experience and customer contact, HOMAG provides sanding technology with the SANDTEQ W-300 series in the form of a wide range of basic machines, heads and optional extras for customer-specific solutions. Furthermore, you will also find models assembled based on feedback from the market. This all makes for the right finish — the prerequisite for a good surface result.

**„The SANDTEQ W-300 combines intuitive operator guidance with high precision sanding. That inspires owners and operators alike - sanding made easy!“**

**Josef Zerle, Executive Director Surface Processing, HOMAG**



### Sanding belt blow-off device

- Program-controlled, 5-stage belt blow-off device. Due to the optimum, application-related cleaning performance, compressed air consumption is reduced by up to 40%.



### powerTouch touch operation

- Professional grinding technology is now even easier to operate. With the latest generation of powerTouch operating philosophy with graphical operator guidance, it is easier and faster for you to reach the required functions.



### Special heads

- Take advantage of our wide range of finishing options to give your workpieces the perfect finish.

**5**  
Up to **5** heads in  
a single machine frame

Working width  
**1,350** mm  
1650 mm as an option

More than  
**50,000**  
head combinations

Very stable – total weight up to  
**12,000**  
kg for an SANDTEQ W-300 (355)



## The SANDTEQ W-300

First-class sanding technology with an attractive design – this is how best to describe the SANDTEQ W-300 series. In addition to their powerful high-tech interior, the series

impresses with its modern, ergonomic design with functionality and aesthetics complementing each other perfectly.



- 1** Secure, careful workpiece transport for years. Highquality feed belts in various designs and specially rubberized rollers ensure this.
- 2** Integrated switch cabinet
- 3** powerTouch with the user-friendly “Sanding Center” interface to make light work of controlling the technological possibilities available
- 4** Not just for doors. Belt changing side with window insert. This gives an insight into the process and ensures improved dust extraction thanks to air inlets. The E-Lock protects employees.
- 5** In the machine base are for example the drive motors, vacuum ventilator and the height adjustment. No additional space requirements and dust-protected.



**Optional wireless transmission**

- Workpiece thickness measurement with the ME5000 makes working fast and reliable.



**Quality in detail**

- For example, the sanding elements with quick coupling for the grounding strap. Ensures operational safety and good sanding results.



**Workpiece geometry**

- No matter what material in which form. You can play it safe with the mps segmented magnetic pressure beam system.

# Preconfigured SANDTEQ models

Depending on the focus of the application and the quantity of the volume to be processed, machines are available comprising one to three heads and valuable optional extras. You can benefit from our machines, optimized by the experience

of our application engineers together with our customers. These models ensure the right finish, because this is the prerequisite for a good surface result. Last but not least, our models also offer a significant price benefit.

SANDTEQ W-300 - 1- AND 2-BAND MACHINES					
Model	Head	Pressure beam systems	Solid wood	Veneer	Lacquer
315 C	C 	eps® mps 2.0+	●	●	●●
315 X	X 	eps® mps 2.0+	●	●●	●●
325 RC	RC 	eps® mps 2.0+	●●	●	●●
325 CH	CH 	eps® mps 2.0+	●●	●●	●●●
325 QX	QX 	eps® mps 2.0+	●	●●	●●●



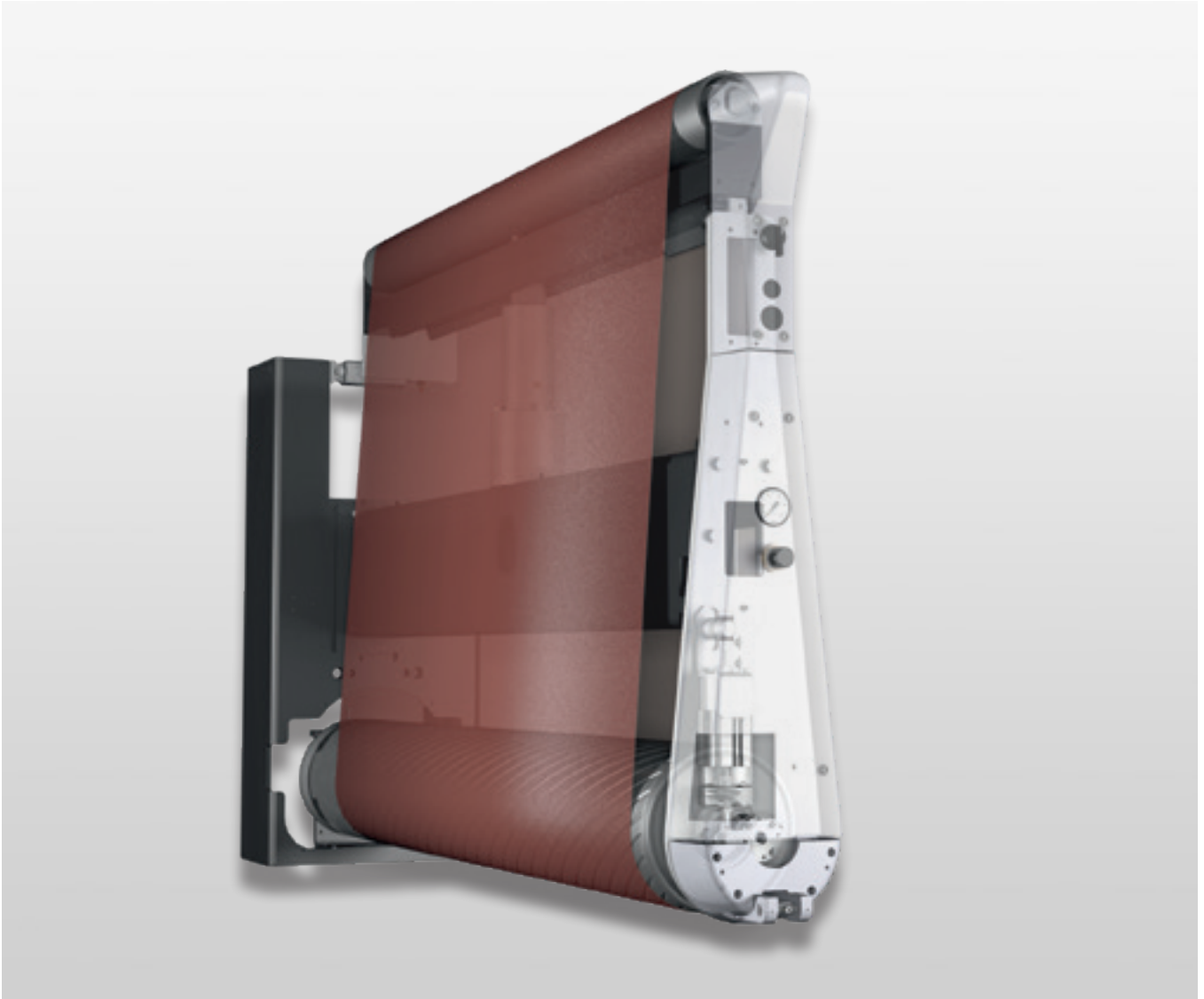
**The following are required for finish:**

- Multiple belt changes
- Max. one belt change
- Finish sanding in one cycle



**SANDTEQ W-300 - 3- AND 4-BAND MACHINES**

Model	Head	Pressure beam systems	Solid wood	Veneer	Lacquer
335 RQH	<b>RQH</b> 	eps® mps 2.0+	● ●	● ●	● ● ●
335 QCH	<b>QCH</b> 	eps® mps 2.0+	● ●	● ● ●	● ● ●
335 RRC	<b>RRC</b> 	acp® Standard	● ● ●	●	
335 RRC	<b>RRC</b> 	eps® Performance und Advanced      mps 2.0+ Advanced Plus	● ● ●	●	● ●
335 RRH	<b>RRH</b> 	acp® eps® mps 2.0+	● ● ●	●	● ●
345 RRRH	<b>RRRH</b> 	acp® eps® mps 2.0+	● ● ●	●	● ●
345 RQEH	<b>RQEH</b> 	eps® mps 2.0+	● ● ●	● ● ●	● ● ●
345 RQUH	<b>RQUH</b> 	eps® Performance und Advanced      mps 2.0+ Advanced Plus	● ● ●	● ●	● ●
345 QCUH	<b>QCUH</b> 	eps® Performance und Advanced      mps 2.0+ Advanced Plus	● ●	● ● ●	● ● ●



**Standard**

**Manual grain size offset**

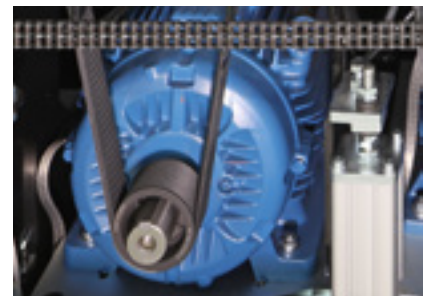
- Always the correct final dimension by offsetting the thickness differences between different grain sizes.



**Optional**

**Motorized contact roller application**

- Automatic grain size offset and readjustment of the chip removal during operation (e.g. offsetting sanding belt wear).



**Optional**

**Motors between 15 kW and 45 kW**

- Combined with material hardness and feed speed, the drive power determines the maximum chip removal.

**Frequency controlled motors**

- If a defined surface quality is required.

## R-Head |

# Sanding to dimension with the calibration head

Do you machine large quantities of solid wood and want to calibrate to full width with high removal rates? Then you are in the right place.

- Calibration with precise tolerance at high removal rates
- Non-wearing profiled steel contact roller with a diameter of 240 mm / 320 mm
- No washout effect of early/late wood portions

### Applications:

- Calibrated sanding of wood and wood materials
- Defined roughening of surfaces in preparation for adhesion

### Range of useful grains:

- Calibrated sanding: P40 – 120.

**„The R-Head with profiled steel contact roller ensures calibration with high removal rates.“**

**Matthias Picker, Product Manager Surface Processing, HOMAG**



### Optional

#### Profiled contact rollers made of:

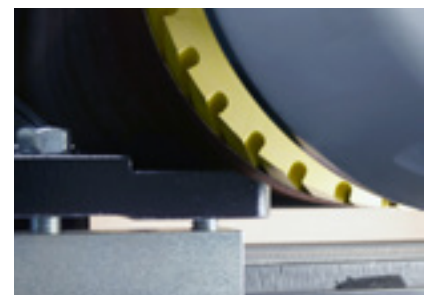
- Steel
- Rubberized in different Shore hardnesses with a diameter of 240 mm or 320 mm. If a defined surface quality is required in addition to sanding to specified dimensions.



### Optional

#### Sanding belt blow-off device

- Increased surface quality and longer sanding belt tool life.



### Optional

#### Pressure tables

- Instead of rubberized rollers, made of especially hard chrome-plated steel. The pressure tables are hard-wearing and also guide short workpieces up tight to the contact roller. They ensure precise calibration results, even with slightly warped workpieces.

# C-Head |

## The 2-in-1 head

Do you want to calibrate and fine sand? And that in a very small space? Then you are in the right place.

- **Combined head with profiled contact roller and acp® system.**
- **The use of the contact roller in the C-Head allows precise calibration without “wash-out effect”.**
- **With the pneumatic pressure beam with acp® system, the entire working width is sanded to the right pressure, ensuring constant surface quality.**

**Applications:**

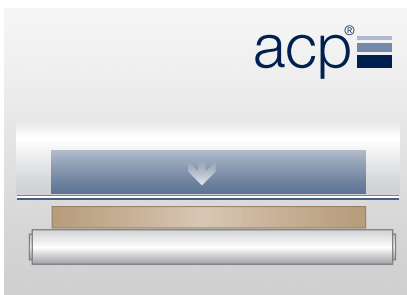
- **Calibration, intermediate and fine sanding of wood and wood-based materials and painted surfaces (optional)**

**Range of useful grains:**

- **Calibration sanding P60 – 120**
- **Fine sanding P120 – 320**
- **Lacquer sanding P240 – 320**

**“If versatility is more important than high volumes, then the universal C-Head is your best choice!...”**

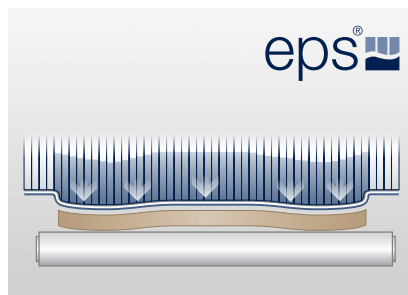
**Johann Oestmann, Application Engineering Surface Processing, HOMAG**



**Standard**

**acp® pneumatically supported pressure beam system**

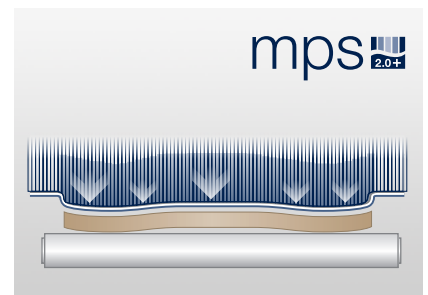
- Workpiece detection not segmented
- Performance sanding belt set



**Advanced**

**eps® segmented pneumatic pressure beam system**

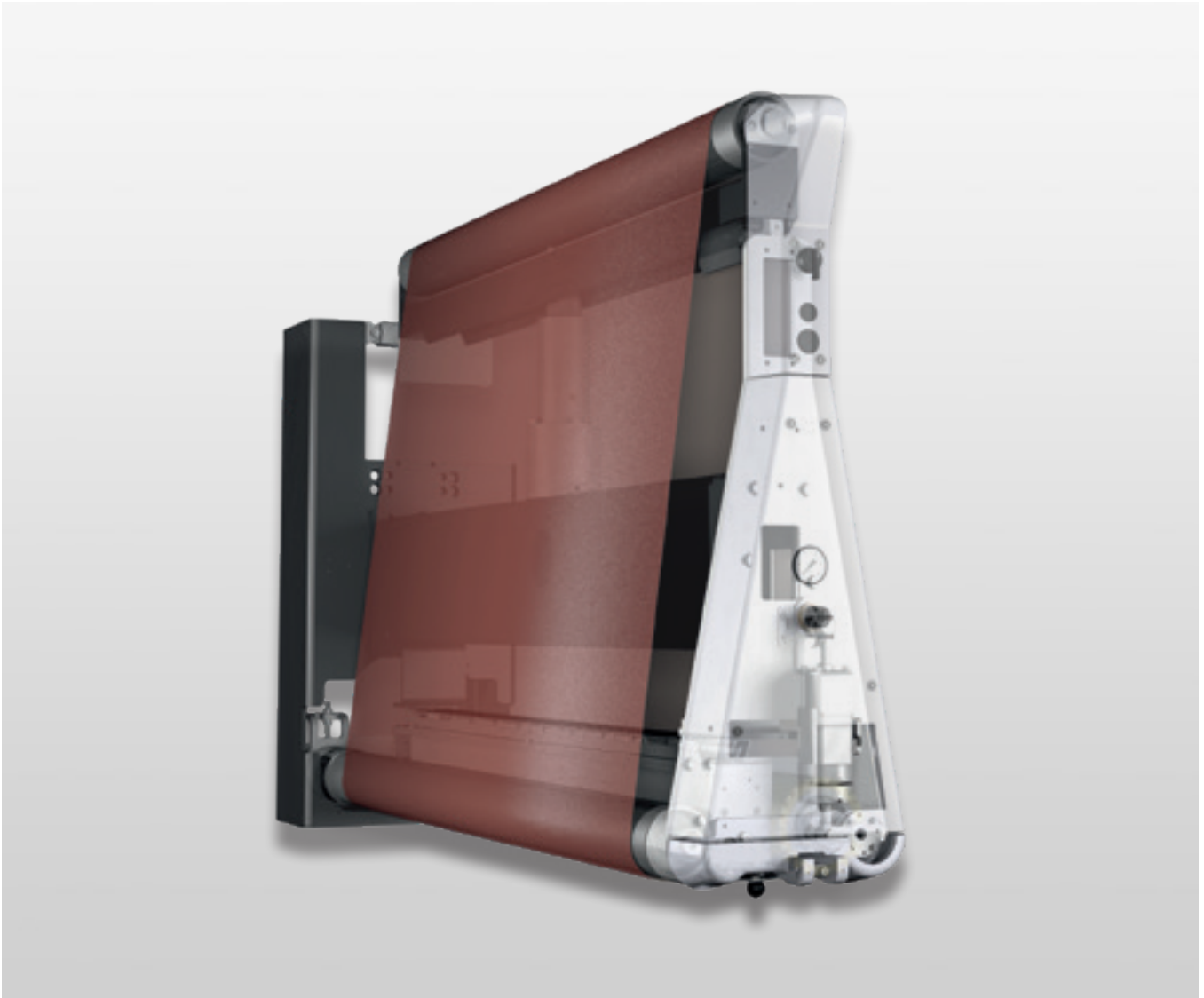
- Segmented workpiece detection
- Performance sanding belt set



**Advanced Plus**

**mps magnetic pressure beam system**

- Segmented workpiece detection
- Sanding belt blow-off device in reverse rotation



**Standard**

**Contact roller with manual grain size offset**

- Always the correct final dimension by offsetting the thickness differences between different grain sizes.



**Optional**

**Motors between 15 kW and 22 kW**

- Drive power, together with material hardness, sanding materials and feed speed determine maximum chip removal

**Frequency controlled motors**

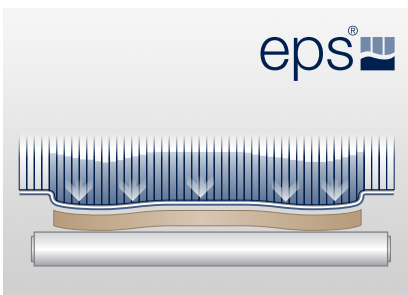
- If a defined surface quality is required



**Optional**

**Profiled contact rollers made of:**

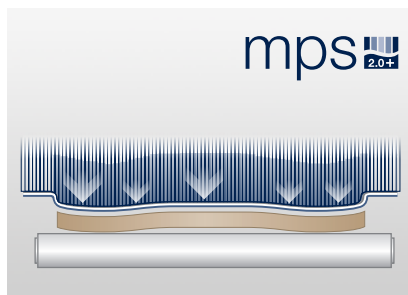
- Steel
- Rubberized in different Shore hardnesses



### Advanced

#### eps® segmented pneumatic pressure beam system

- Segmented workpiece detection
- Performance sanding belt set



### Advanced Plus

#### mps magnetic pressure beam system

- Segmented workpiece detection
- Sanding belt blow-off device in reverse rotation



### Standard

- Lamellar pressure belt
- Box for protected storage of lamellar pressure belt
- Profiled contact roller

# X-Head | Multi-functional all-rounder

Fine sanding, super-finish with lamellar pressure belt and calibration sanding, all with a single head. We give you the solution with the patented X-head - **YOUR SOLUTION.**

- Dimensional tolerances are compensated by up to 2 mm using the pressure beam with the eps® or mps 2.0 plus system
- Non-wearing profiled contact roller with a diameter of 140 mm
- A homogeneous, smooth surface is produced particularly by the use of the lamellar pressure belt. This prevents unwanted oscillation lines.
- Lower sanding temperatures increase the tool life of the sanding tool

**Applications:**

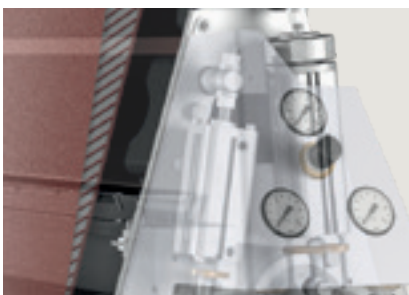
- High quality finish with and without lamellar pressure belt
- Calibration sanding (without lamellar pressure belt)
- Paint sanding up to very fine grits (with lamellar pressure belt)

**Range of useful grains:**

- Calibration sanding P80 – 120
- Fine sanding P120 – 320
- Paint sanding P320 – 1200

**“Sets standards for a wide variety of applications and surface quality in wide-belt sanding...”**

**Paul Matthies, Area Product Management Surface Processing, HOMAG**



**Standard**  
**Contact roller with manual grain size offset**

- Always the correct final dimension by offsetting the thickness differences between different grain sizes.



**Standard**  
**18.5 kW drive power**

- Determines maximum chip removal, together with material hardness, sanding materials and feed speed

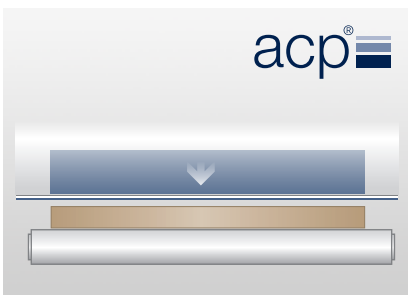
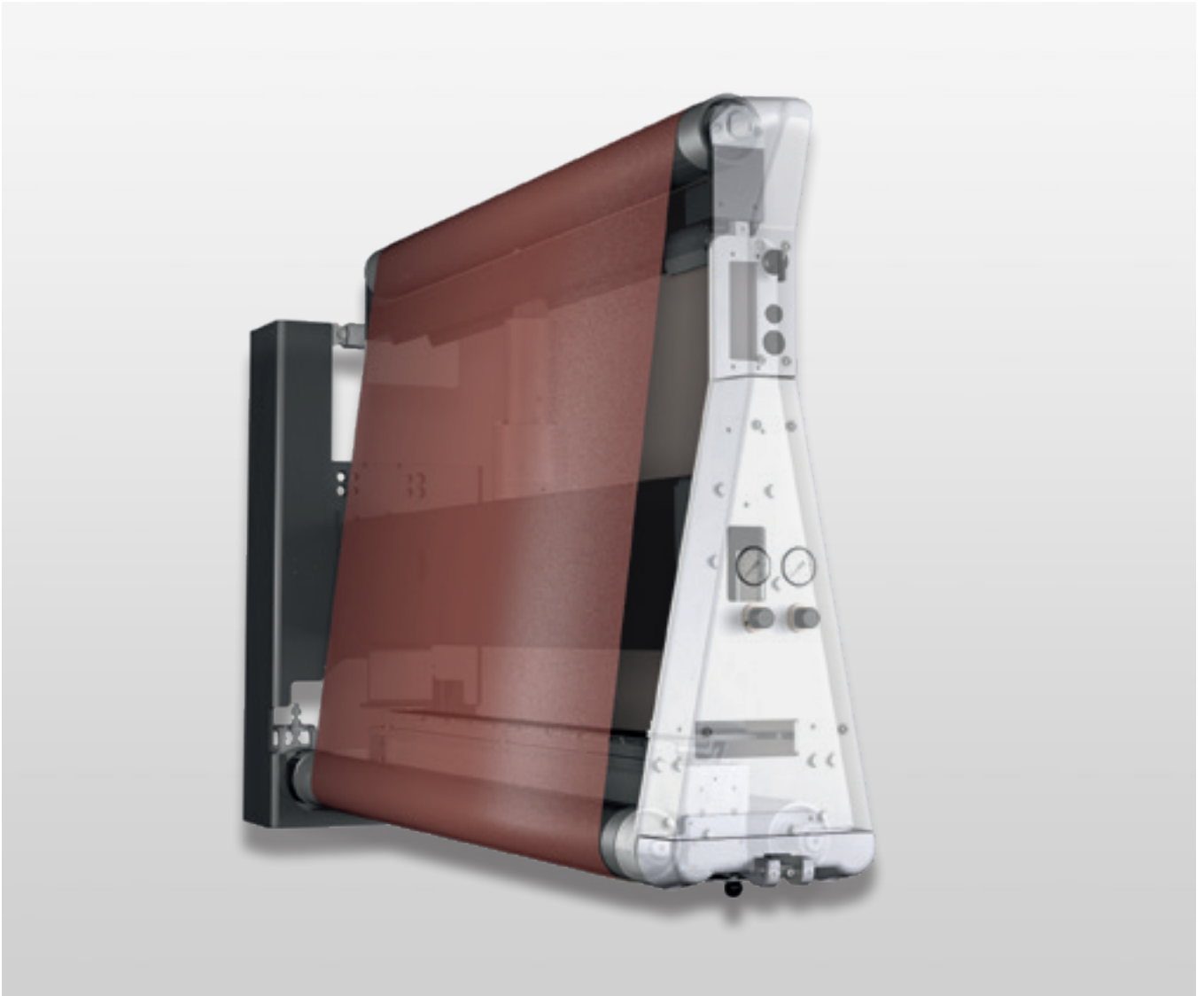


**Optional**  
**Sanding belt blow-off device**

- Higher surface quality and longer sanding belt tool life. Prerequisite for interim polishing.

**Frequency controlled motors**

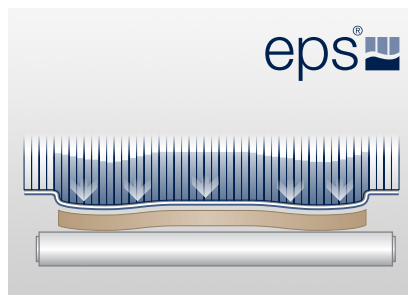
- offer improved surface quality and versatility
- Prerequisite for interim polishing



### Standard

**acp® pneumatically supported pressure beam system**

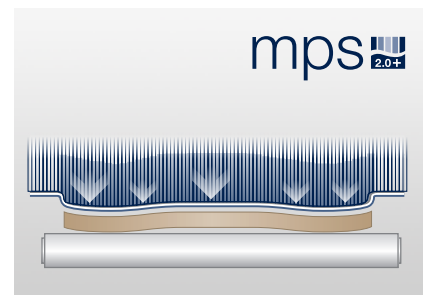
- Workpiece detection not segmented
- Performance sanding belt set



### Advanced

**eps® segmented pneumatic pressure beam system**

- Segmented workpiece detection
- Performance sanding belt set



### Advanced Plus

**mps magnetic pressure beam system**

- Segmented workpiece detection
- Sanding belt blow-off device in reverse rotation



# E-Head |

## Optimum intermediate sanding

Fine sanding with the highest level of user safety

- Dimensional tolerances are compensated by up to 2 mm using the pressure beam
- Can adapt to the most varied of materials thanks to infinitely variable cutting speed (optional)

**Applications:**

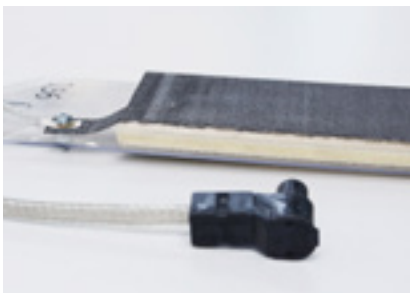
- Veneer sanding
- Fine sanding of wood and wood materials
- Varnish sanding (optional in some cases)

**Range of useful grains:**

- Fine sanding P120 – 320
- Lacquer sanding P240 – 400

**“The head for intensive yet still adaptable sanding.”**

**Matthias Picker, Product Manager Surface Processing, HOMAG**



**Optional Sanding elements with various degrees of hardness**

- Hard surface for increased surface evenness
- Soft for more adaptability



**Optional Sanding belt blow-off device**

- Higher surface quality and longer sanding belt tool life. Prerequisite for interim polishing.



**Optional Cutting direction**

- Cutting direction either with or against the feed direction. Different cut directions ensure maximum fiber reduction. Particularly important when combined with water-based paint systems.

# H-Head |

## Fine sanding to perfection

Do you place value on high-quality surfaces? Then you are in the right place. This head is suitable for veneer, paint and filler sanding.

- Dimensional tolerances are compensated by up to 2 mm using the pressure beam
- Can adapt to the most varied of materials thanks to infinitely variable cutting speed (optional)
- No scuffing of the edges thanks to precision contouring of the workpiece
- A homogeneous, smooth surface is produced particularly by the use of the lamellar pressure belt. This prevents unwanted oscillation lines.

- Lower sanding temperatures increase the tool life of the sanding tool.

#### Applications:

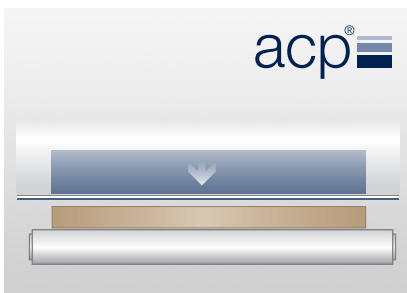
- High-quality sanding finish on a variety of surfaces
- Paint and filler sanding up to very fine grains
- Solid wood pulp, particularly in the case of frame parts

#### Range of useful grains:

- Fine sanding P120 – 320
- Interim polishing P320 – 1200

**“If you want the utmost in surface quality from wide-belt sanding, the H-Head is your go-to specialist...”**

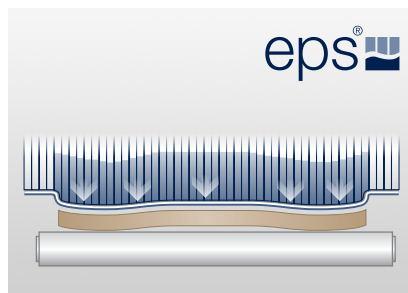
Johannes Sedlak, Central Sales Surface Processing, HOMAG



### Standard

#### acp® pneumatically supported pressure beam system

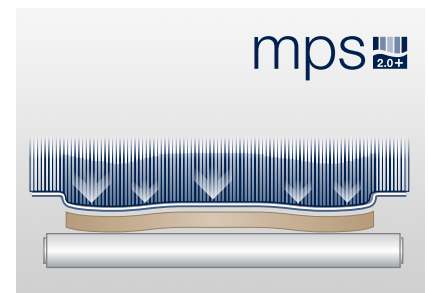
- Workpiece detection not segmented
- Performance sanding belt set



### Advanced

#### eps® segmented pneumatic pressure beam system

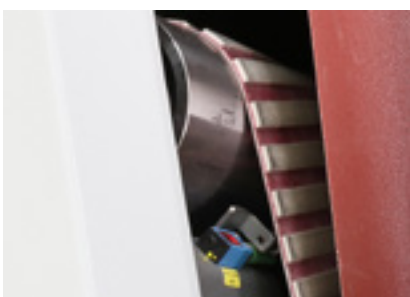
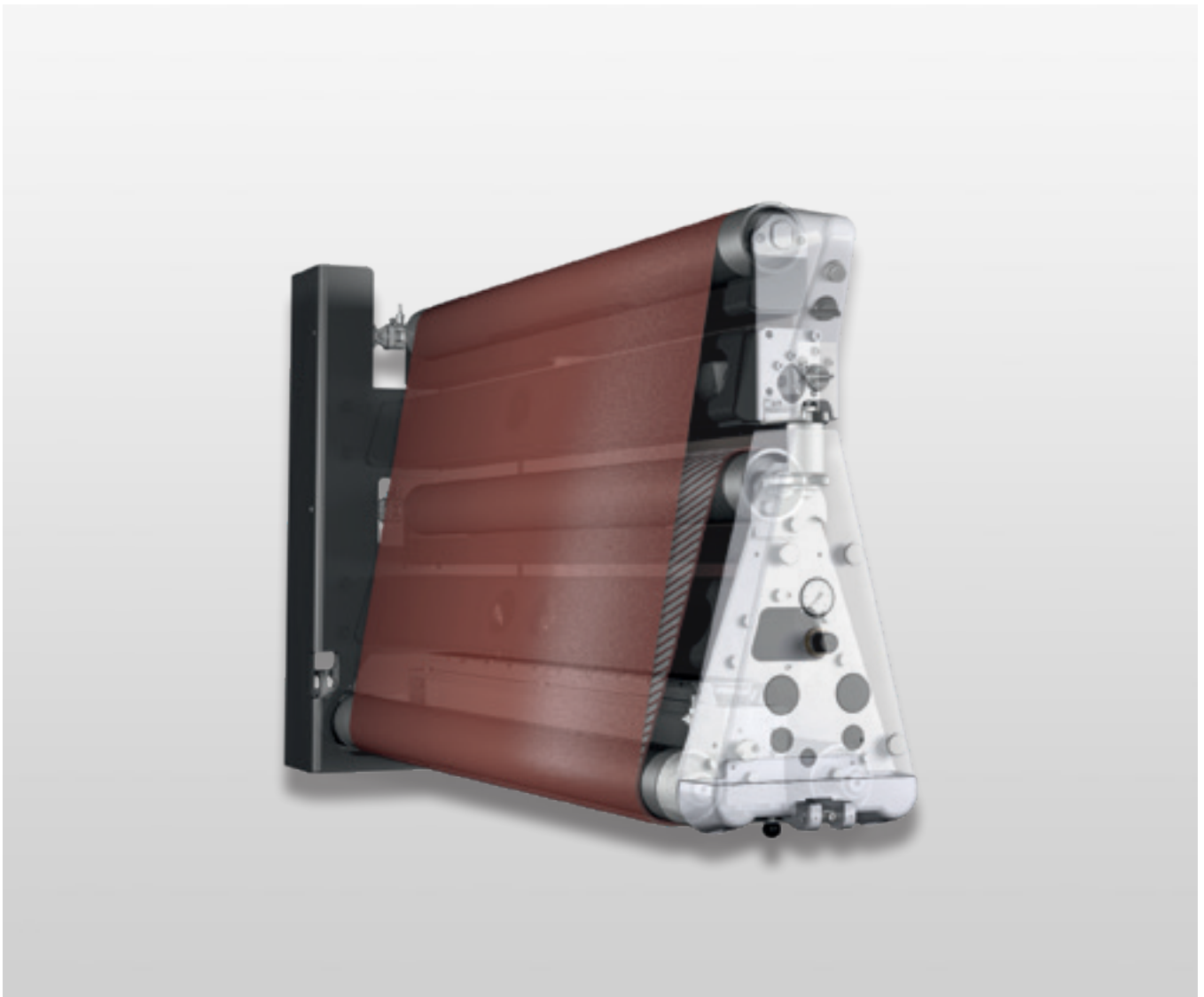
- Segmented workpiece detection
- Performance sanding belt set



### Advanced Plus

#### mps magnetic pressure beam system

- Segmented workpiece detection
- Sanding belt blow-off device in reverse rotation



**Standard**  
**Lamellar pressure belt**  
 ▪ Particularly fine finish



**Optional**  
**Motors from 15 kW and 22 kW**  
 ▪ Depending on the application and maximum panel width (in continuous mode)

**Frequency controlled motors**  
 ▪ offer improved surface quality and versatility  
 ▪ Prerequisite for interim polishing



**Optional**  
**Cutting direction**  
 ▪ Cutting direction either with or against the feed direction. Different cut directions ensure maximum fiber reduction. Particularly important when combined with water-based paint systems.

## Q-Head |

### Effective transverse grinding and high gloss

Do you place value on high-quality surfaces? Then you are in the right place. This head is suitable for veneer, paint and filler sanding.

- Dimensional tolerances are compensated by up to 2 mm using the pressure beam with the eps® or mps 2.0 plus system
- Can adapt to the most varied of materials thanks to infinitely variable cutting speed (optional)
- Long sanding belts for longer tool life distances

#### Applications:

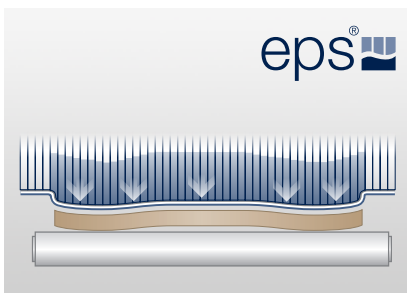
- Veneer sanding
- Fine sanding of wood and wood materials
- Paint and filler sanding

#### Range of useful grains:

- High-gloss paint finish up to grain P2500

**“The cross belt ensures smooth, very high-quality surfaces, with the cut direction rotated by 90°. The ultimate solution for fine sanding in combination with wide-belt head(s)....”**

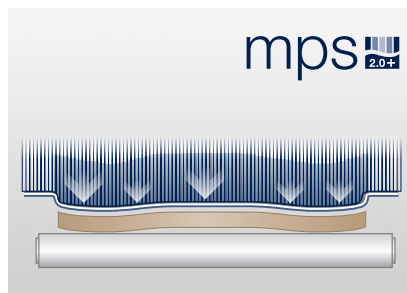
Johann Oestmann, Application Engineering Surface Processing, HOMAG



#### Advanced

##### EPS® segmented pneumatic pressure beam system

- Segmented workpiece detection
- Performance sanding belt set



#### Advanced Plus

##### mps magnetic pressure beam system

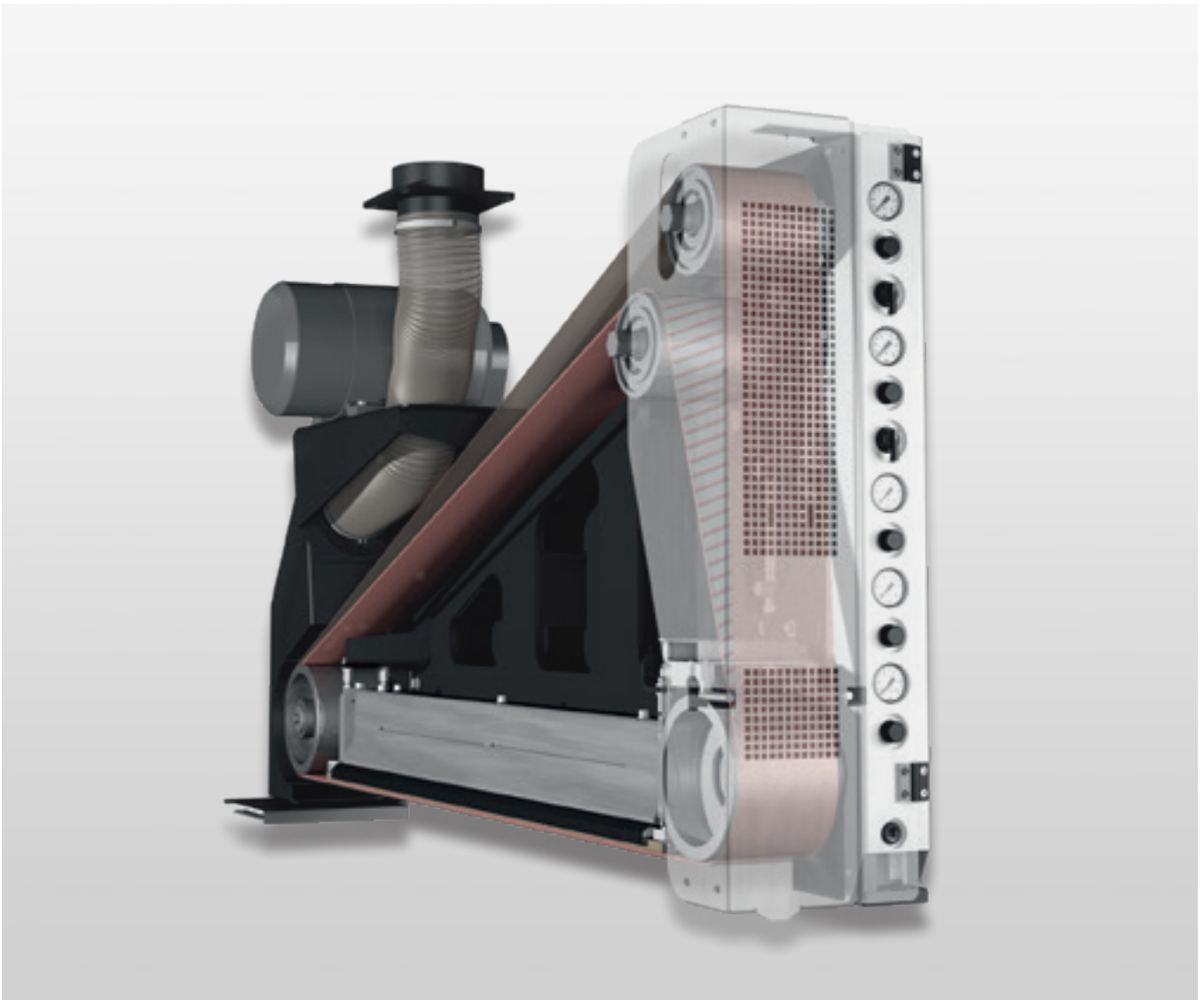
- Segmented workpiece detection
- Sanding belt blow-off device in reverse rotation



#### Standard

##### Sanding belt blow-off device

- Increased surface quality and longer sanding belt tool life.

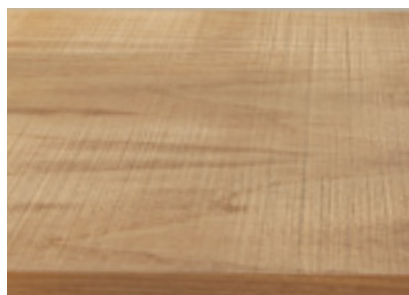


**Optional**  
**Motors from 13.5 kW and 22 kW drive power**

- Depending on the application and maximum panel width (in continuous mode)

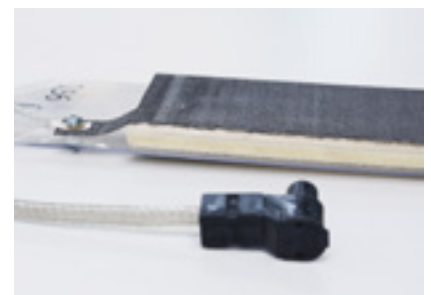
**Frequency controlled motors**

- offer improved surface quality and versatility
- Prerequisite for interim polishing



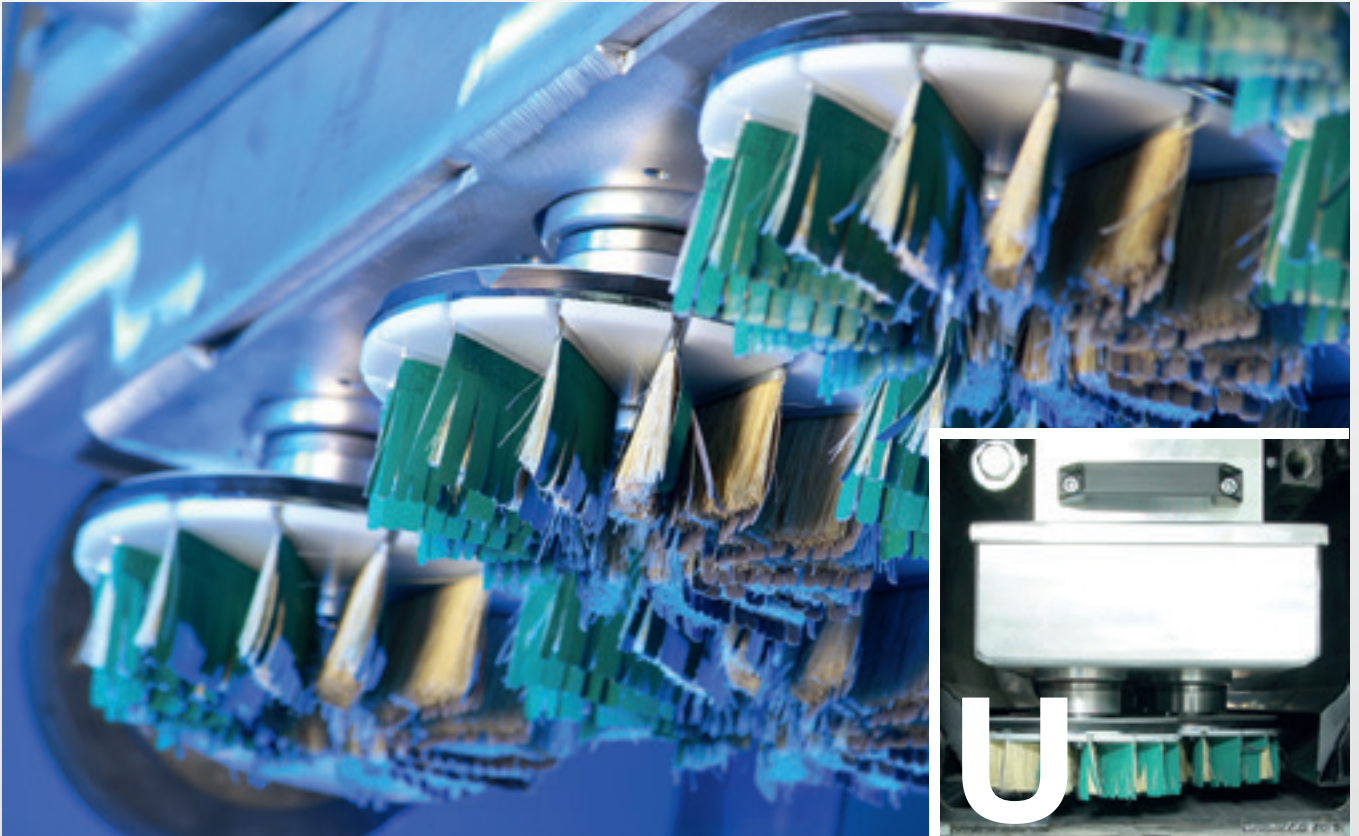
**Optional**  
**Vintage look**

- Special sanding element
- Program extension for random insertion of individual segments
- Intensity can be adjusted and saved
- Creates a rough sawn look

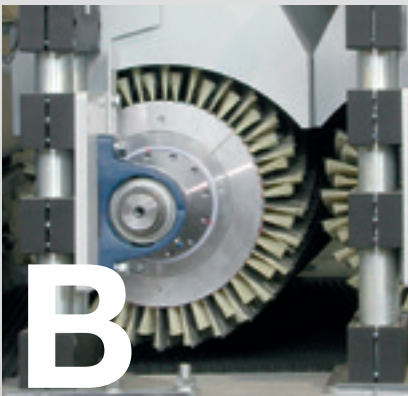


**Optional**  
**Sanding elements with various degrees of hardness**

- Hard surface for increased surface evenness
- Soft for more adaptability



## Special heads for that special finish



**B**

### Barrel brush head | 3D finish

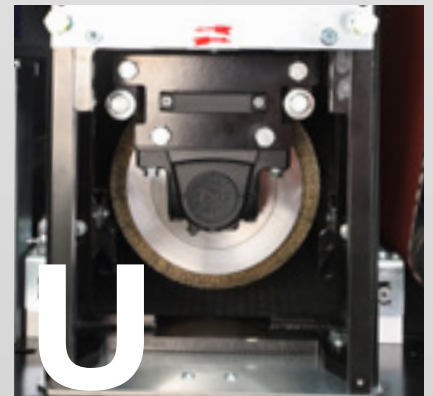
- Fine sanding of wood and wood-based materials, as well as painted surfaces
- Refining the sanding pattern of upstream processes
- Suitable for machining three-dimensional workpiece surfaces



**M**

### Planer head unit M | maximum material removal rate

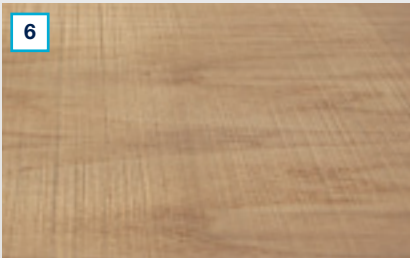
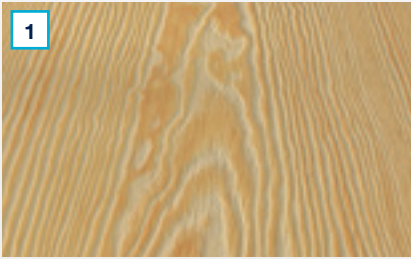
- Blade shaft unit with a unit with chip removal of up to 2.5 mm
- Four-sided reversible blade



**U**

### U-Head | variable thanks to quickchange cassette system

- Infinitely variable speed control with or against the feed direction
- Infinite adjustable oscillation
- Easy tool-change thanks to quick-change cassette system between various round and disk brushes
- Program-controlled operation



**Samples with structured surfaces (1–4) and vintage designs (5–6)**

The existing structures in the wood can be given additional emphasis with the pneumatically adjustable brush head, 150 mm diameter.

The U-head with quick-change function can be used to create a variety of surface structures thanks to the use of stranded wire brushes with different wire diameters and abrasive nylon brushes. All parameters for the different results can be stored in the sanding programs and reproduced at any time.

Combining a transverse band with the vintage program can create a rough sawn effect on workpieces. The proportion of the surface and intensity in the sanding program can also be saved here.

**THE HIGHLIGHTS:**

**40** cm in diameter for round brushes B

**7** structuring brush edging heads with a maximum diameter of 300 mm available as standard

**3** minutes to change a cassette

**10** disks in a 1350 mm disk brush cassette

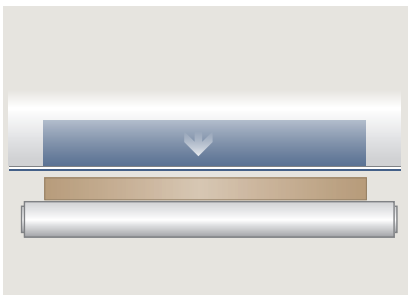
## Everything under control with the SANDTEQ W-300 operating concept

Here, everything has its order. From setting the belt tension to the automatic head locking mechanism to the grain offset — everything is clearly structured and logically organized.









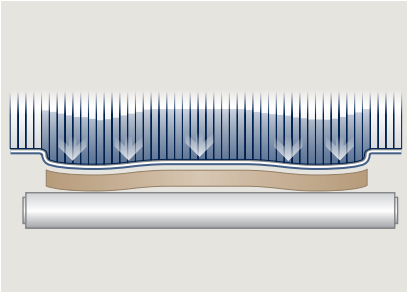
The non-segmented pressure beam evenly sands workpieces. It is often used directly downstream of calibration heads.

## acp<sup>®</sup> – the air cushion sanding pad

Efficient and precise sanding – the acp<sup>®</sup> controlled pneumatic pressure beam system detects incoming workpieces and thus controls the engagement and disengagement of the sanding pad on the front and rear edge.

### Highlights:

- **Pneumatic pressure pad system for the right pressure over the entire working width**
- **Adjustable sanding pressure for consistent surface quality**
- **Ideal for processing solid wood**



The individual segments' behavior under pressure and offset behavior with distorted workpieces or those with thickness tolerances. Within the tolerance range of max. 2 mm, the same contact pressure is always exerted on the various parts of the workpiece.

## eps® – the electro-pneumatic pressure beam

The machine's electronics provide the optimal sanding belt pressure on all areas of a workpiece, guaranteeing a perfect sanding result. The EPS® system developed by HOMAG meets these requirements perfectly. For example, the individual segments automatically adjust themselves to uneven sections in the workpiece within a tolerance range of max. 2 mm to ensure that each part of the workpiece always receives the correct sanding pressure. In addition, differences in thickness from workpiece to workpiece are offset with ease. The eps® system works electro-pneumatically with a segment width of 25 mm.

### Highlights:

- **Electronically controlled segmented pressure beam system for efficiently retaining the pressure of the sanding belt**
- **25 mm segment width for perfect sanding results across all areas of the workpiece**
- **Automatic adjustment to the segments on the surface of the workpiece**
- **Up to 2 mm tolerance compensation**

eps® 



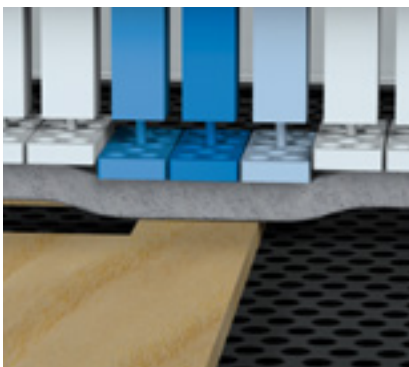
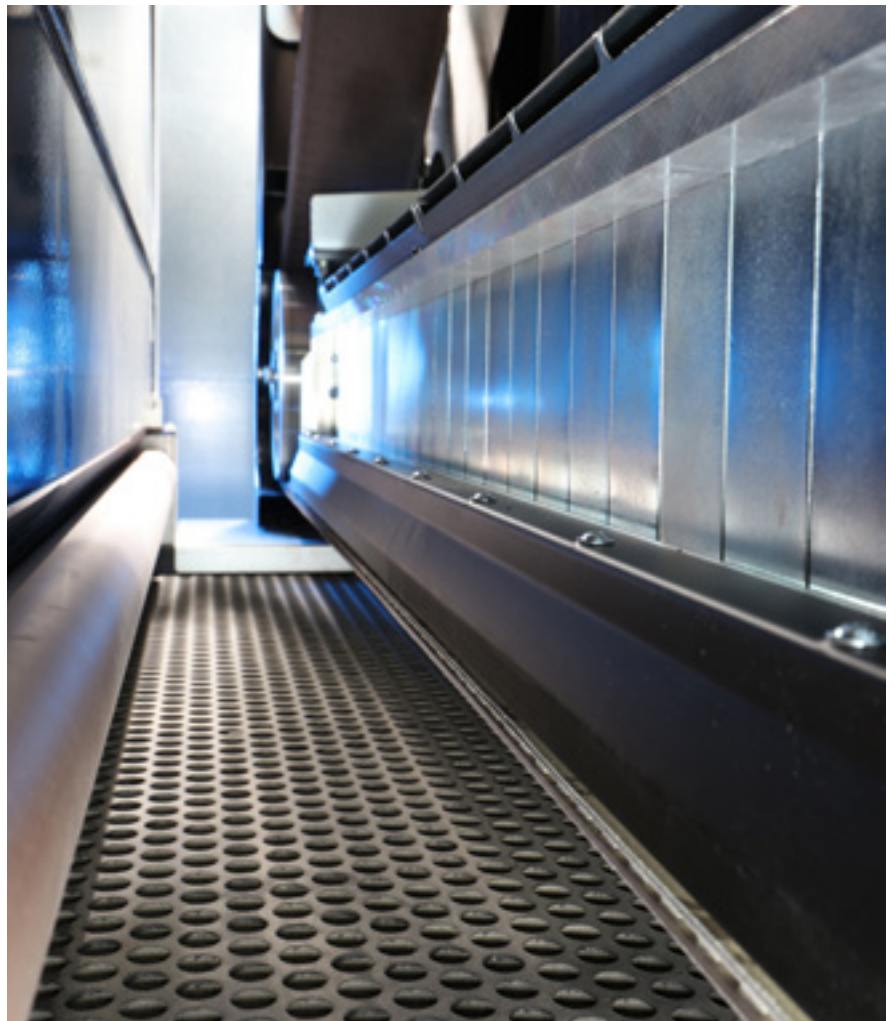


**Fine workpiece detection** with system 12.5

## A perfect team: mps 2.0 plus – the magnetic pressure beam system

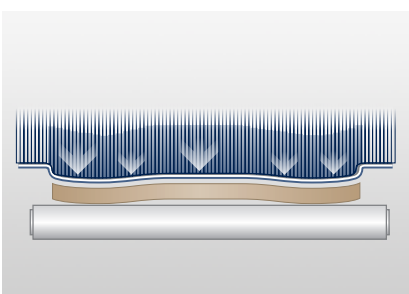
In addition to the actuators for matching the sanding pressure, workpiece detection plays a significant role. The following applies here: The more accurately the workpiece geometry is recorded, the better. As a result, we use a

12.5 mm system for detection in our mps 2.0 plus system! The very fine workpiece detection, coupled with our rapid and frictionless magnetic pressure beam system gives you assurance in the sanding process.



**Benefits:**

- Workpiece detection in a 12.5-mm system
- High-precision triggering of actuators (sanding segments), repeat accuracy on the front and rear edges and with proportional power flow along the long edges: ensures best sanding results right to the edge
- No frictional losses from the actuators (sanding segments), precise fitting guides ensure the actuators work quickly and without wear
- Individual programming for the most complex sanding tasks
- mps 2.0 plus – Magnetic pad system plus for perfectly adjusting the sanding force especially on particularly complex workpiece contours



## All inclusive

With the SANDTEQ W-300, you have TOP equipment from the start. Elementary technologies that ensure lasting first-class processing quality are included as standard.



### Workpiece thickness setting

- Workpiece thickness setting (3–160 mm) and constant working height (900 mm) by adjusting the top part of the machine



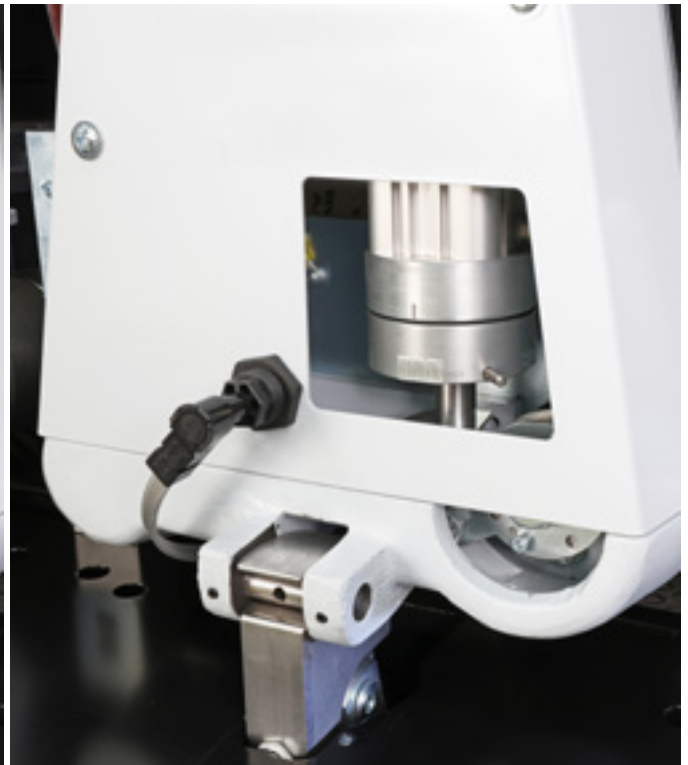
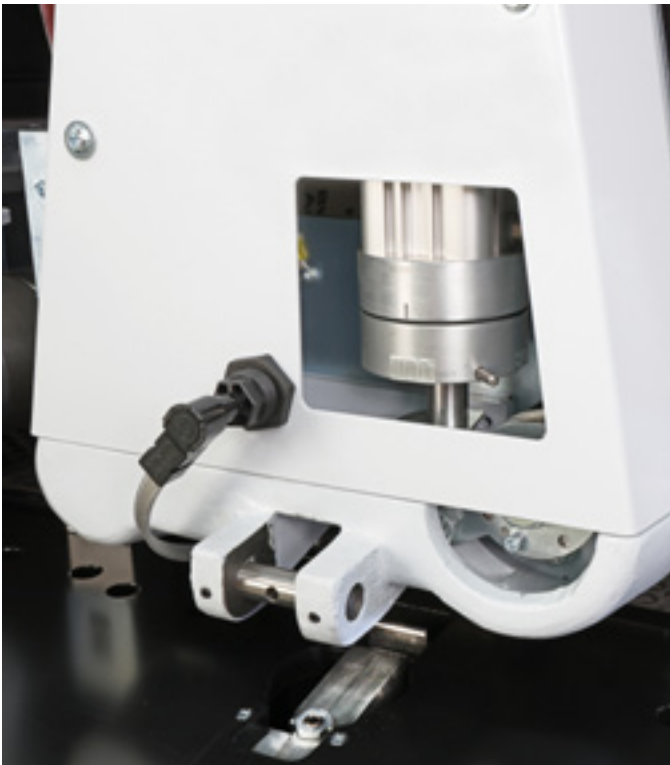
### ECO mode

- Automatic machine stop with warning function for saving energy when machine is idling unnecessarily
- With frequency-controlled drives, the idle power consumption is reduced by 50% as standard



### Contactless sanding belt oscillation

- The sanding belt is controlled via large light sensors
- This produces an exceptionally calm oscillation



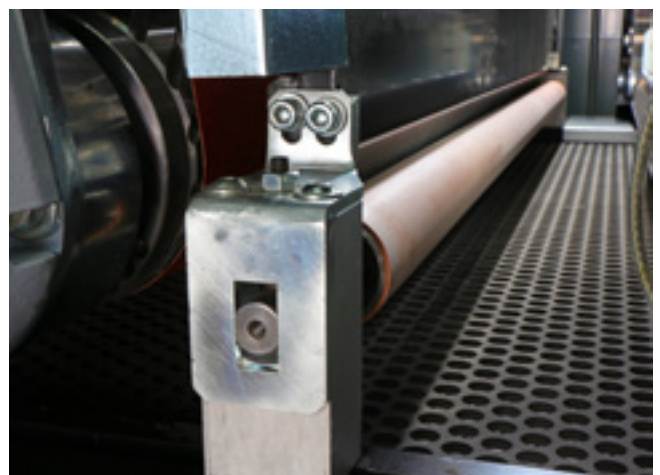
**Automatic head locking**

- The head automatically locks and unlocks when the door is closed
- Faster belt changes are possible thanks to automatic unlocking



**Infinitely variable control of the feed speed (SANDTEQ W-700)**

- Transport unit in the extended version for easier integration in interlinking systems (high-quality conveyor belt, large, high-torque and rubberized drive pulley)



**Stable guiding thanks to rubberized contact pressure rollers**

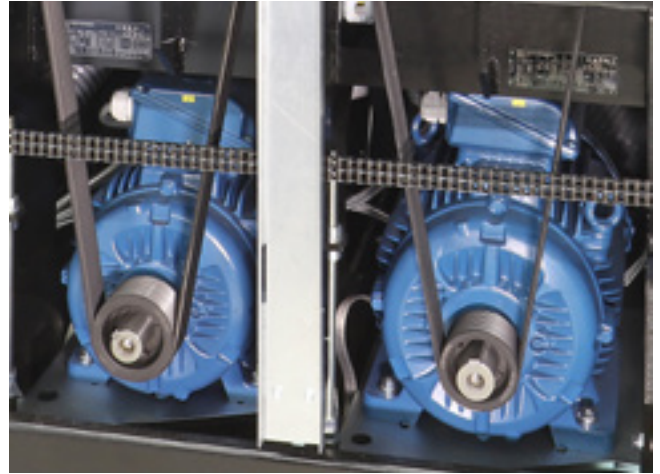
- Spring-loaded pressure rollers with stable guiding function
- Rubberised pressure rollers
- Pressure elements with minimum spacing to the intervention area

## All inclusive



### Protected sanding tongue storage compartment in the machine

- Safe storage of the sanding elements for different applications
- Quick to access as directly on the machine



### Separate drive motor for each head

- For optimum drive power



### Grounding on sanding element

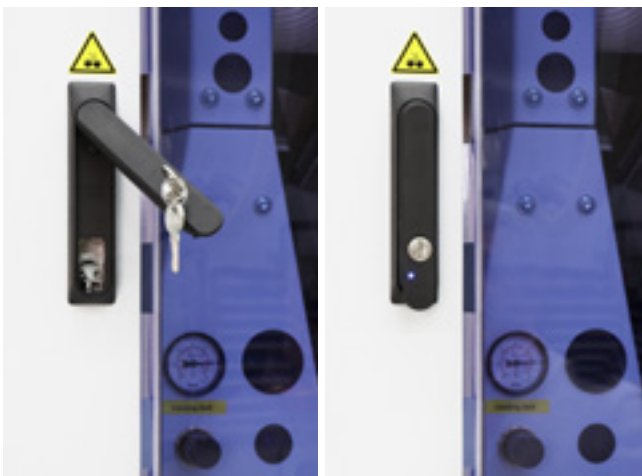
- Grounding of the entire sanding element to prevent the workpiece and sanding belt electrostatically charging





**powerTouch operating panel**

- Intuitive touch operation on the machine
- Full-HD multitouch display with wide screen 16:9
- USB interface on front and Ethernet connection 10/100 Mbit



**Lockable handle/machine viewing window**

- Safety grip for safely operating the machine
- Large viewing windows make inspecting the sanding process easier

**Standard highlights include:**

- Constant working height
- Frequency-controlled, infinitely variable feed
- Maintenance-free, electronic brake assembly
- Prepared slots for retrofitting various brushing and cleaning heads

## Optional extras that are really worth it!

Would you like a little more? With our optional extras, you have all options you need to adapt your wide-belt sanding machine to the requirements of your production.



### Structuring brushes

- Brush head equipped with Anderlon or stranded wire brushes
- Diameter 150 mm or 300 mm
- Drive motor with various power ratings available: 3 kW | 5,5 kW | 15 kW



### Cart for U-Heads

- For facilitating exchange of brush heads, on change rack
- 2 carts are recommended: one for removing the brush from the machine and a second one for safely storing the spare brush and protecting it against damage



### Air-conditioner

- Air-conditioning unit for switch cabinet for regions with high ambient temperatures



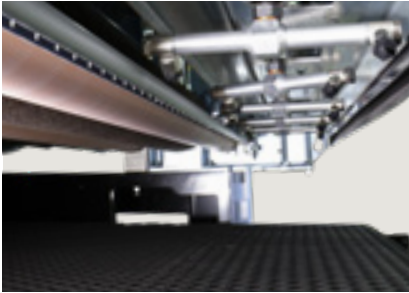
### Infinitely variable control of the cutting speed

- Speed control via the frequency converter
- Power transmission via the poly-V-belt



### Vacuum table for secure part feeding

- High-performance vacuum blower with flow control valve in the machine frame
- Adjustable power depending on the workpiece and surface being processed ensures the right stability without the operator having to intervene
- Vacuum concentration on one half of the feed table also holds small workpieces



**Workpiece cleaning rotors**

- Workpiece cleaning using rotating blow-off sprayers
- Available in combination with De-Ionization bar to reduce static charge for better workpiece cleaning



**Workpiece thickness measurement ME 200**

- Feature for automatically measuring the thickness of the workpiece
- Machine set independently to the required thickness



**Extendable workpiece support**

- Space-saving solution for positioning long workpieces



**Powered finishing brush**

- Cleans workpieces directly after processing ready for further processing



**Sanding belt blow-off device**

- Program-controlled, 5-stage belt blow-off device
- Optimum, application-related cleaning performance reduces the compressed air consumption by up to 40%
- Intelligent blast cleaning mechanism and suction openings mean up to 35% suction volume can be saved



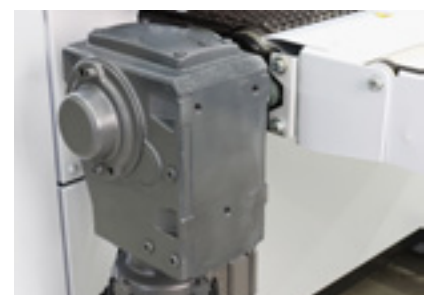
**Folding table**

- Stable folding table — A useful addition when space is tight



**ME 5000 thickness measuring device with wireless transmission**

- An innovation from HOMAG
- Wireless transmission of the thickness of the workpiece to the machine
- Various measuring modes



**Especially powerful HD feed for the SANDTEQ W-700**

- Larger-sized drive pulley
- Double-sided feed belt control
- Extended version



## The next generation of powerTouch: **powerTouch2**

Faster, more comfortable, clearer: Enjoy the benefits of our further improved powerTouch user interface. We have optimized our standardized operating concept and further adapted it to our customers' requirements. Controlling your HOMAG machines is now even faster and more intuitive. The new, modern design has a clear structure.

The innovative touch operation allows you to achieve the desired result easily and comfortably. Our successful powerTouch philosophy – **standardized, simple, ergonomic, evolutionary** – consistently further developed.

### THE HIGHLIGHTS AT A GLANCE:

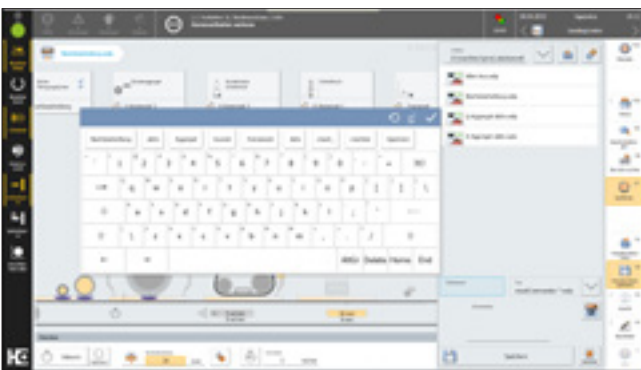
- Direct and efficient operation, up to 30% faster
- More informative and more transparent thanks to additional information and live preview images instead of program icons
- New applications for operating and controlling machines and plants (e.g. NCCenter in a PC87 control system for CNC machines, or woodCommander 4 for throughfeed machines).
- Fresh, attractive design based on the new HOMAG machine design





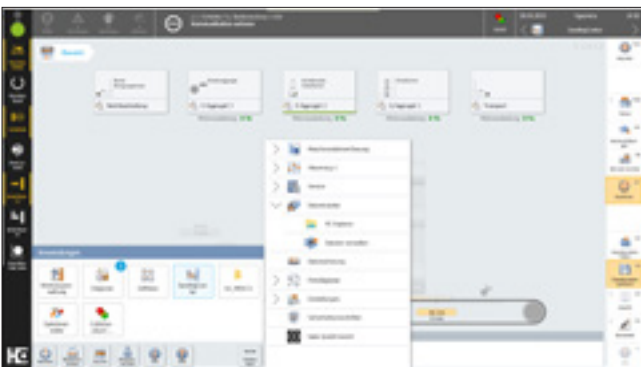
### Clearer structure

The structure of the powerTouch2 screen is even clearer. You only see the information that is relevant for you. The important points at a glance – but you still have all the details. All in a fresh, attractive design.



### Even faster

With the new powerTouch generation, you can enter information at your machine even more quickly. Compared to the previous version, you can achieve a time saving of up to 30%. This is possible thanks to new features, such as automatic word completion, a pop-up keyboard that can be kept open and Windows-like functions, such as the selection of common actions directly via the start button.



### More comfortable

We have also improved the traffic light dialog and the “Start” menu. When you press and hold the program icon, not only are the possible actions displayed, you can also access and activate them directly. Operation is therefore immediate and you do not lose any time opening applications. What’s more, for the applications, illustrations and additional information can be displayed instead of simple program icons. This also provides more transparency and avoids unnecessary navigation into applications.



### More intuitive

Operating the machine is child’s play. Many of the functions are similar to those of a smartphone or tablet and will therefore be familiar to you. Even beginners will feel immediately at ease and will soon be able to control the machine comfortably.

# Easy to get. And easy to use.

## tapio is the open wood industry ecosystem

This means that everyone involved in the wood industry can participate.  
Because together with our business partners, we develop digital solutions for everyone.



### Just have a try:

Free use of the MachineBoard app! Just register under tapio and “connect” the machine [www.tapio.one](http://www.tapio.one). The complimentary usage is limited in time.

# Apps that make working life easier.

# tapio

Partner

## DataSave

- Protects machine and configuration expertise
- Faster service for machine breakdowns
- Saves time when restarting production
- Saves on maintenance costs
- Automatic backups of several machines

## ServiceBoard

- Create service cases quickly and easily and send them to the correct service partner
- Live video diagnostics to solve service cases with image support
- Video reduces the language and distance barriers
- Also works without a machine connection to tapio (and is therefore ideal for older machines)

## MachineBoard

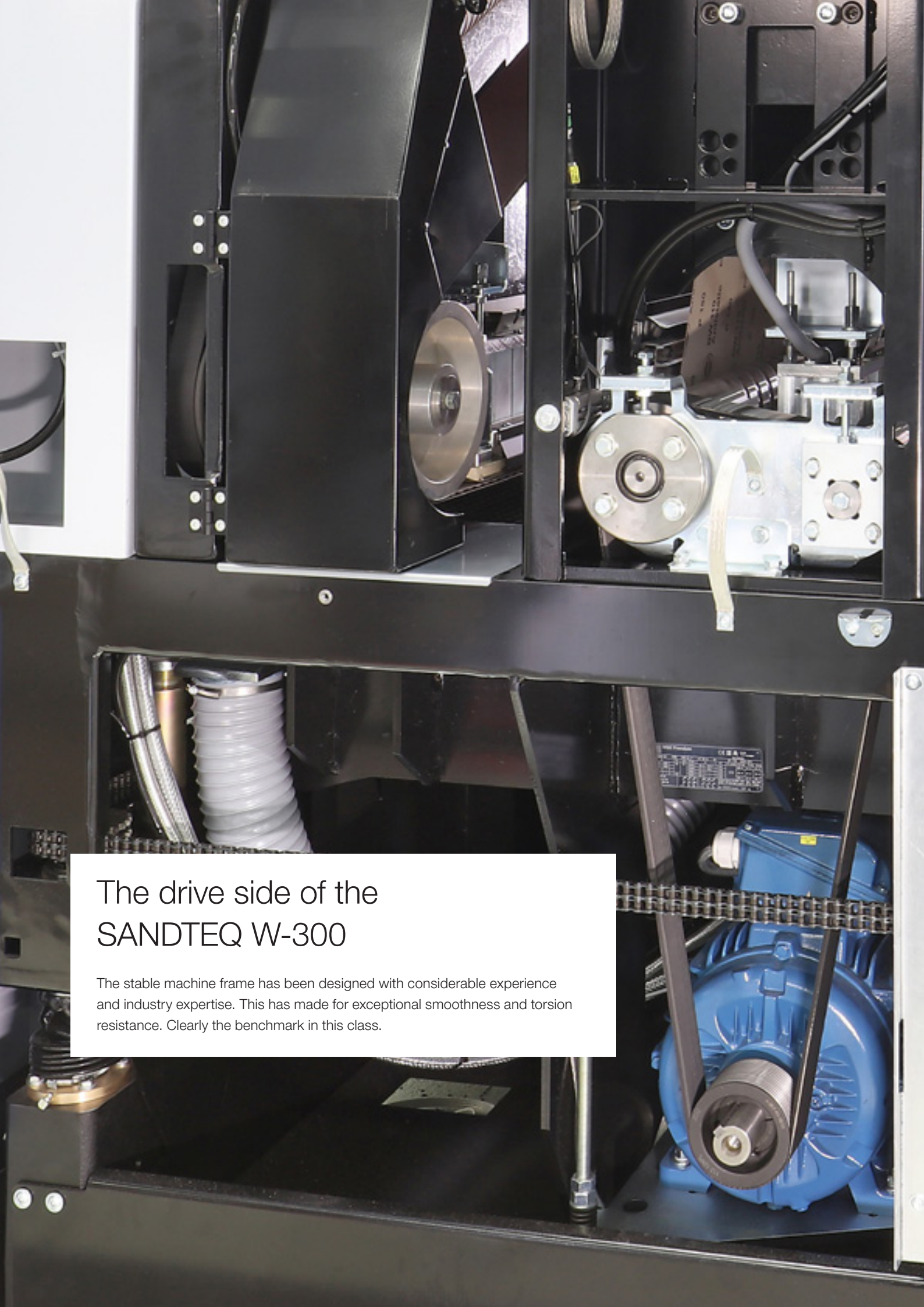
- Push notifications
- Machine data and status can be viewed from anywhere in real time
- Lists of errors, warnings, maintenance tasks and actions
- Displays the remaining time until the next intervention by the machine operator



**Free demo for all tapio apps, no registration required. Simply download and test.**

Currently available in the EU and Switzerland.

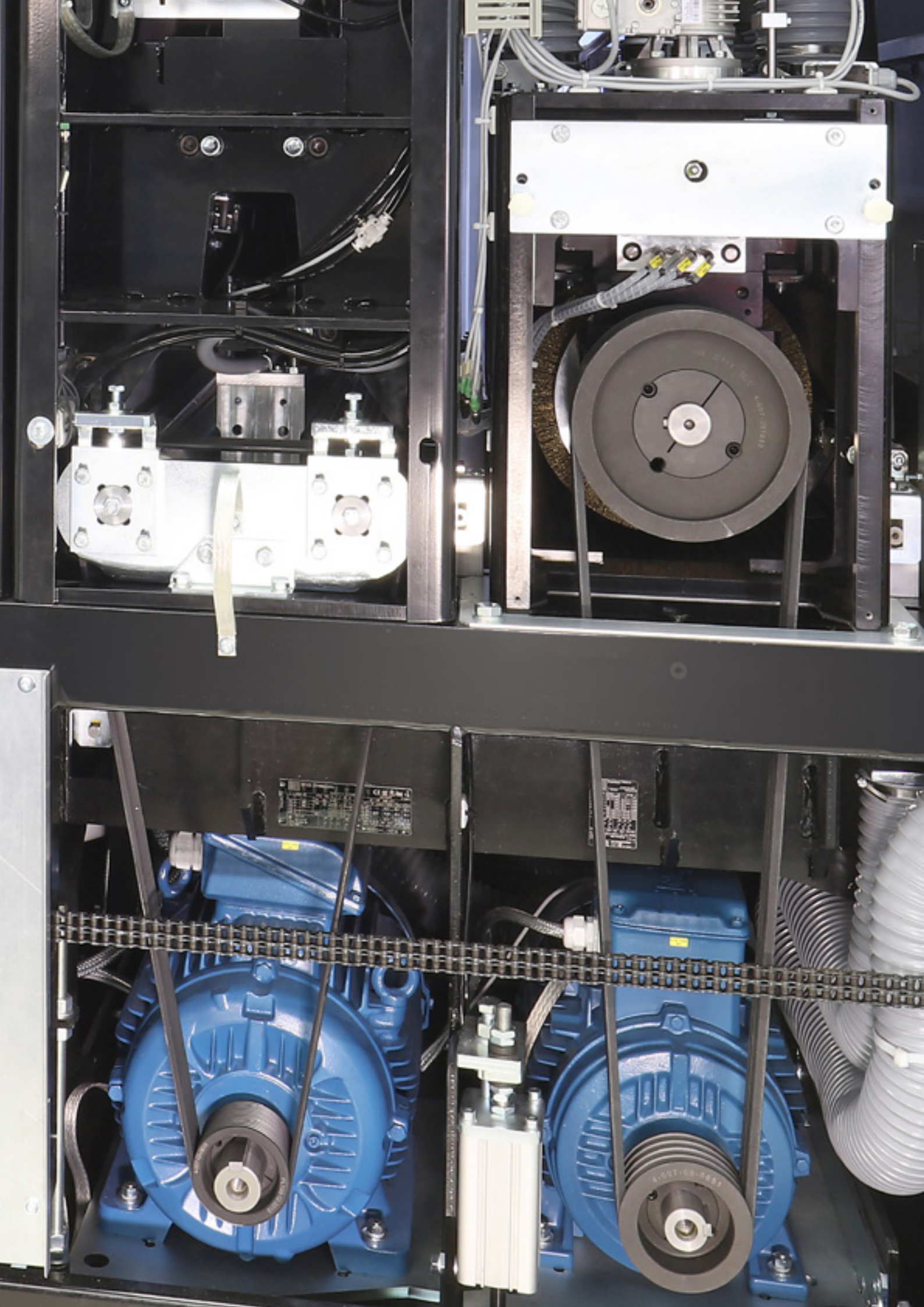
(Due to the fast pace of the IT-landscape, the compatibility to the tapio platform is warranted for five years.)



## The drive side of the SANDTEQ W-300

The stable machine frame has been designed with considerable experience and industry expertise. This has made for exceptional smoothness and torsion resistance. Clearly the benchmark in this class.









## Technical data:

These series cover a wide range of applications. The SANDTEQ W-300 with 1–4 heads and 1350 mm working width can be configured for all manner of applications. The SANDTEQ W-700 series offers a unit even more space and is available up to a working width of 1650 mm. In this series, greater outputs and feed speeds are available thanks to large heads and feed units.



SANDTEQ W-300   W-700						
Model	315	715	716	325	725	726
Number of heads	1			2		
Workpiece thicknesses in mm	3 – 160			3 – 160		
Working width mm	1,350		1,650	1,350		1,650
Maximum feed speed m/min.	25	35	35	25	35	35
Maximum drive power kW	30	45	45	30	45	45
Length in mm	1,665	2,095	2,095	2,100	2,545	2,545
Width in mm	2,050	2,050	2,350	2,050	2,050	2,350
Height mm	2,255 – 2,415			2,255 – 2,415		
Weight approx. kg	3,000	3,800	4,000	4,000	5,500	6,000



335	735	736	345	745	746	755	756
3			4			5	
3 – 160			3 – 160			3 – 160	
1,350		1,650	1,350		1,650	1,350	1,650
25	35	35	25	35	35	35	35
30	45	45	30	45	45	45	45
2,566	2,995	2,995	3,015	3,445	3,445	3,895	3,895
2,050	2,050	2,350	2,050	2,050	2,350	2,050	2,350
2,255 – 2,415			2,255 – 2,415			2,255 – 2,415	
5,500	6,500	7,200	6,500	8,000	8,800	11,500	12,500

# HC LIFE CYCLE SERVICES

Optimal service and individual consultations are included in the purchase of our machines. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast

customer solutions we guarantee consistently high availability and economical production – over the entire life cycle of your machine.



## REMOTE SERVICE

- Hotline support via remote diagnosis by our trained experts regarding control, mechanics and process technology. Thus, more than 90% less on-site service required and consequently a faster solution for you!
- The ServiceBoard App helps to solve tasks in a fast, simple and concrete way. This is achieved by mobile live video diagnosis, automatic sending of service requests or the online spare parts catalog eParts.



## SPARE PARTS SERVICE

- High spare parts availability and fast delivery.
- Ensuring quality by predefined spare parts and wear parts kits, comprising original spare parts.
- Identify and inquire for spare parts online under [www.eParts.de](http://www.eParts.de) 24/7, or buy even faster and more comfortably in the new HOMAG Webshop eCommerce.



## MODERNIZATION

- Keep your machinery up-to-date and increase your productivity as well as your product quality. This is how you can meet tomorrow's requirements today!
- We support you with upgrades, modernization as well as individual consultancy and developments.



## DIGITAL SERVICES

- ISN (intelliServiceNet) – The new remote service solution of the future! Fast restart of production because the remote service employee has extensive access to relevant physical data.
- intelliAdvice App – provides help for self-help. The preventive solutions proposed in the new App are the combination of our experiences and existing machine data.



## SOFTWARE

- Telephone support and consultancy through software support.
- Digitalization of your spare parts via 3D scanning saves time and money compared to new programming.
- Subsequent networking of your machinery with intelligent software solutions ranging from construction to production.



## FIELD SERVICE

- Increased machine availability and product quality by certified service staff.
- Regular checks through maintenance / inspection guarantee the highest quality of your products.
- We offer you the highest availability of technicians in order to reduce downtimes in case of unpredictable troubles.



For you more than...

**1,350**

service employees worldwide

**90%**

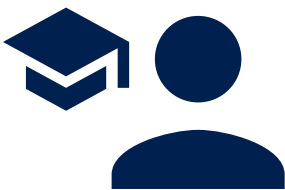
less on-site service thanks to  
successful remote diagnosis

**5,000**

customer training sessions per / year

**150,000**

machines, all electronically documented  
in 28 different languages – in eParts



#### TRAINING

- Thanks to training perfectly suited to your requirements, your machine operators can optimally operate and maintain the HOMAG machines.
- The training also include customer-specific training documents with exercises proven in practice.
- Online training and webinars. Learn without traveling, meet your trainer in the digital classroom.

## **HOMAG Group AG**

info@homag.com

www.homag.com



## **YOUR SOLUTION**