

# Start small. Hit it big.

**HOMAG**

**Our Wide-Belt Sanding Machines**  
SANDTEQ W-100

**YOUR SOLUTION**







## The entry into professional wide-belt sanding. The HOMAG SANDTEQ W-100.

For more than 70 years, HOMAG sanding technology has been renowned for its powerful wide-belt sanding machines and innovative surface processing. These include special and multi-purpose sanding machines for calibrating and intermediate sanding as well as lacquer finishing machines. Always focused on processing wood and wood-like materials.

On-site, worldwide. 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

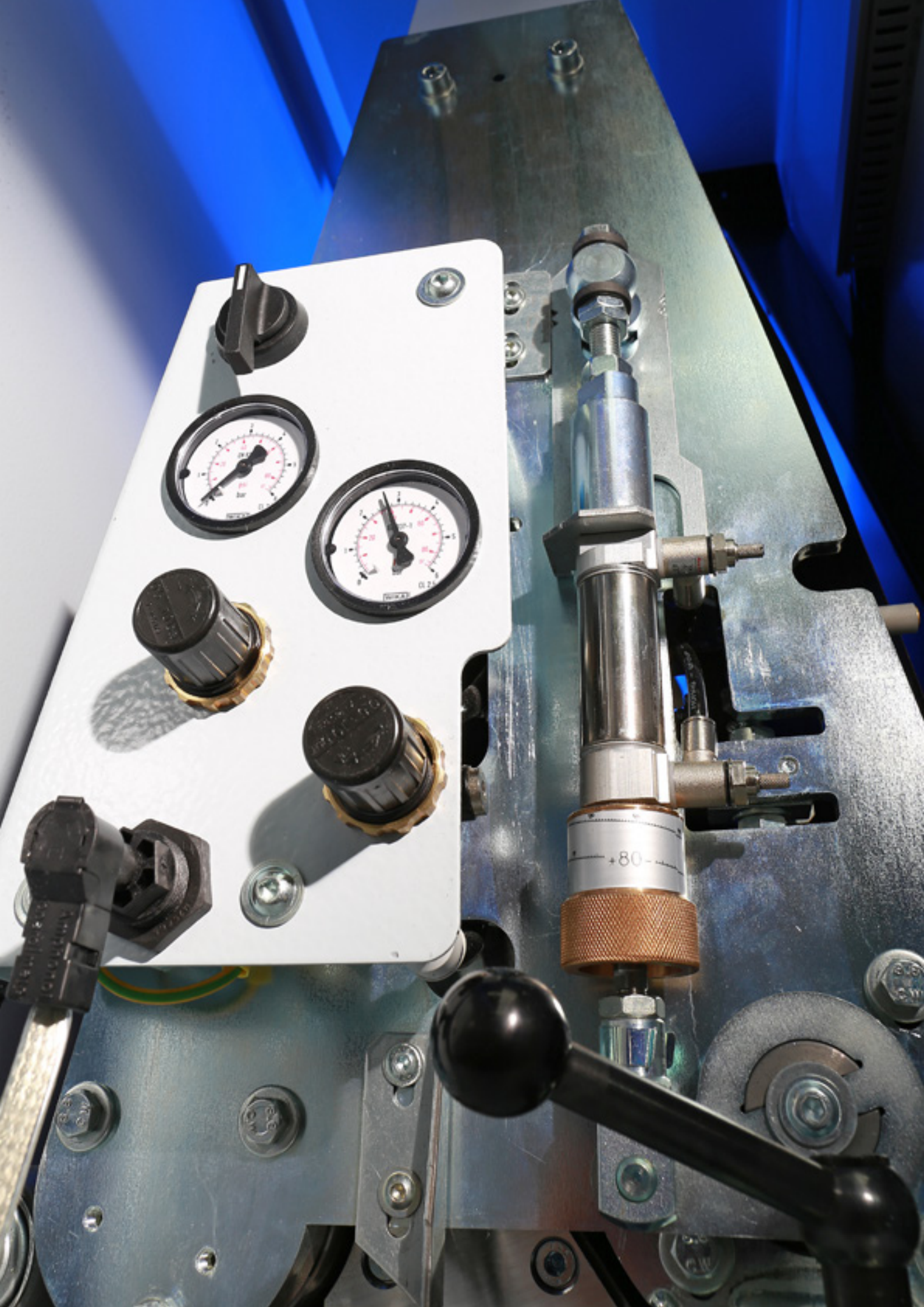
### MORE: [HOMAG.COM](https://www.homag.com)



SANDTEQ W-100

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## Quality, that convinces...

The following pages of our SANDTEQ W-100 sanding machine show how to perform customer-specific sanding tasks for surface treatment.

Our 5 pre-defined configuration models are ideal solutions for the craftsman. With many years of experience and close

customer contact, HOMAG Sanding Technology provides a wide product range for customer-specific tasks. Everything for the right finish — the prerequisite for a perfect surface. That's HOMAG Sanding Technology.

**“The SANDTEQ W-100 – the Performance and Advanced models are the beginning of the entry with attractive prices into professional sanding - sanding made easy!”**

**Jens Brinkmann, Product Management Surface Processing, HOMAG**



### Contactless sanding belt oscillation

- Contact-free sanding belt oscillation control to protect the belt edges



### Touchscreen Operator Terminal

- 7" touchscreen for complete machine control



### Operating elements on the changing side of the sanding belt

- Easily accessible
- Everything at a glance and comfortable adjustment

Up to **2** heads in  
a single machine frame

Working width

**1.100** mm

**5** fixed configurations

Very stable – total weight up to

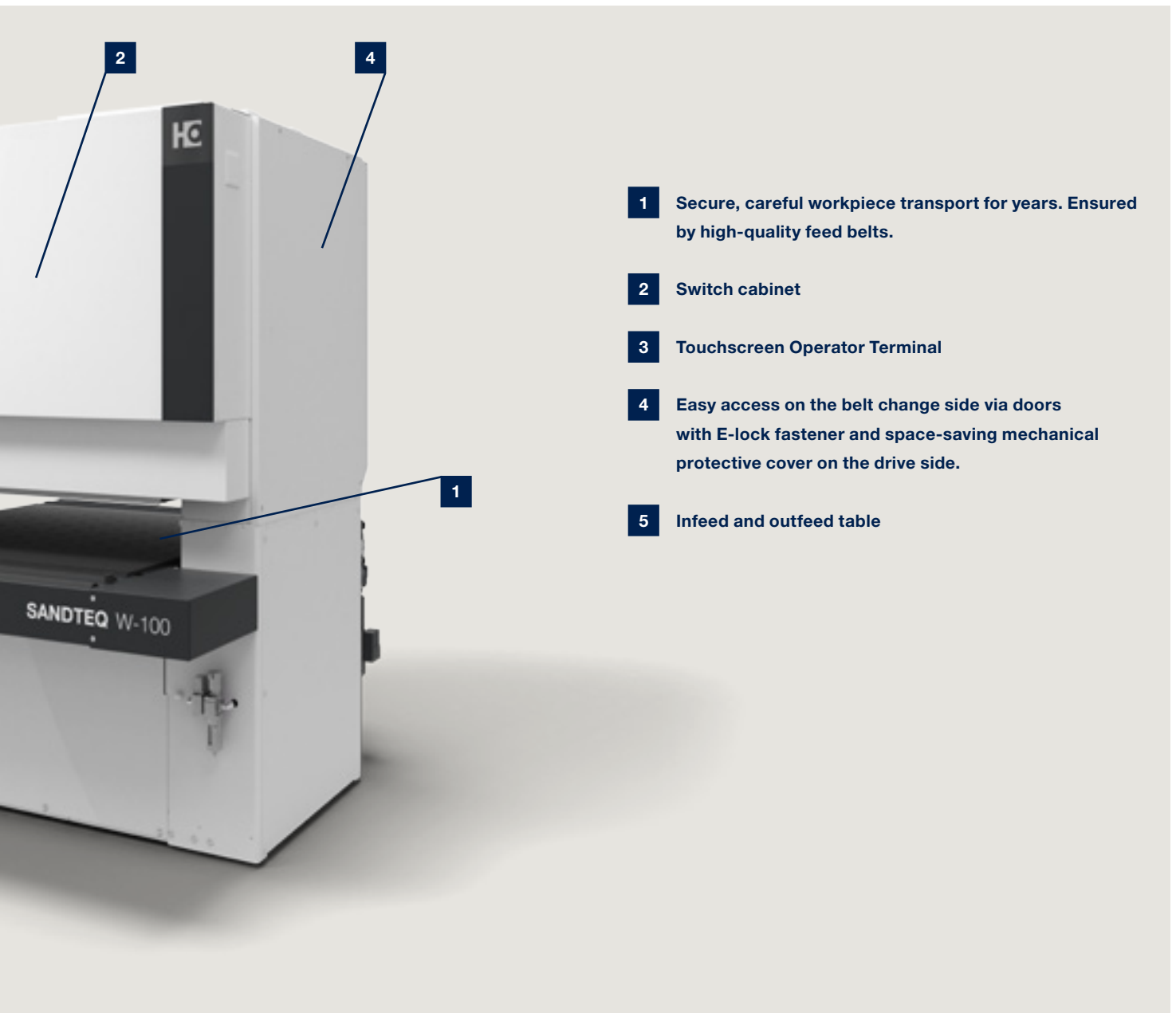
**1,800**  
kg for an SANDTEQ W-100 (CH)



## The SANDTEQ W-100

This series is as diverse as our customers. On the basis of extensive experience and professional know-how, the available 5 machine combinations are adjusted to your

conditions and tasks. Learn more about our performance packages with an optimal price-performance ratio.

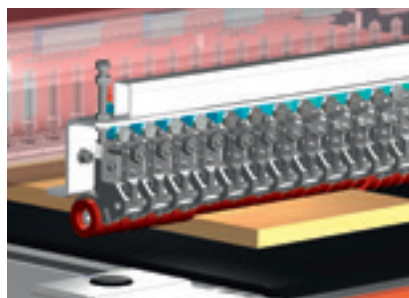


- 1** Secure, careful workpiece transport for years. Ensured by high-quality feed belts.
- 2** Switch cabinet
- 3** Touchscreen Operator Terminal
- 4** Easy access on the belt change side via doors with E-lock fastener and space-saving mechanical protective cover on the drive side.
- 5** Infeed and outfeed table



**ECO mode**

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



**Electro-pneumatic pressure beam eps® (except for Configuration RL)**

The machine's electronics ensure the optimum sanding pressure on all areas of a workpiece, guaranteeing a perfect sanding result.



**Cleaning brush with finish-brush**

- The brush behind the last head ensures an optimal result.

## The Performance Packs | perfectly composed for you

Two rubber-coated rollers in the infeed and two in the outfeed, the control for customer's dust extraction sliders, a UPS emergency power supply for the sanding belt oscillation as well as the brush unit with finish brush are standard in all configuration models of the SANDTEQ W-100 and a MUST for professional sanding.





## Model 114 | C Performance

### C-Head

Fine sanding head with additional calibration function and use of the electronically controlled segmented pad with eps®-system for calibrating, intermediate lacquer, fine and veneer sanding of wood and wood-based materials. By using the electronically controlled segmented pad with eps®-system thickness tolerances of up to 2 mm are compensated.

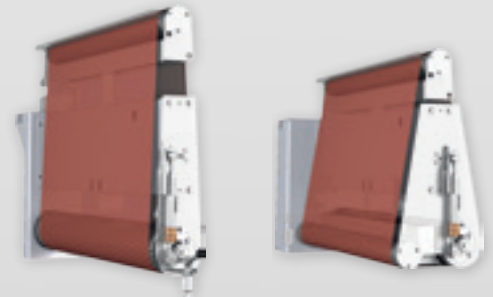


## Model 124 | RC Performance

### Combination R- and C-Head

#### R-Head

The head for precise calibration of wood and wood-based materials with high stock removal rates and roughening of surfaces as preparation for glueing. The wear-resistant profiled contact roller avoids the so-called “wash-out effect” – possible when sanding wood with large differences in density (summer resp. late wood).

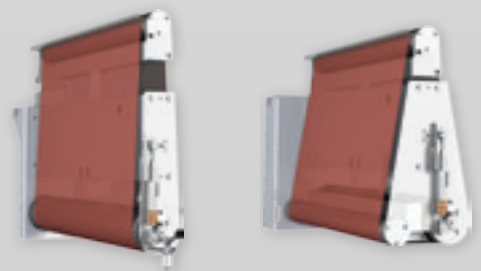


## Model 124 | RL Performance

### Combination R- and L-Head

#### L-Head

Fine sanding head with additional calibration function and use of the pneumatic pressure pad with acp® system for calibrating and fine sanding of wood and wood-based materials. By using the pneumatic pressure pad with acp® system the correct sanding pressure is applied over the complete working width and a continuous surface quality is ensured.



## The Advanced Packs | ideal for high-quality intermediate lacquer sanding

The Advanced Packs of the SANDTEQ W-100 provide the standards for high-quality intermediate lacquer sanding at a very attractive price by a frequency-controlled sanding belt speed, an air-jet belt blower and the appropriate sanding element in combination with the electronically controlled segmented pressure pad with eps® system.

### Model 114 | C Advanced

#### C-Head

Fine sanding head with additional calibration function and use of the electronically controlled segmented pad with eps® system for calibrating, intermediate lacquer, fine and veneer sanding of wood, wood-based materials and lacquered surfaces. By using the electronically controlled segmented pressure pad with eps® system thickness tolerances of up to 2 mm are compensated.



#### Incl. lacquer sanding unit consisting of:

- Frequency-controlled, infinitely variable cutting speed 2 – 18 m/s
- Controlled air-jet sanding belt blower
- Additional sanding insert 80 mm breit

### Model 124 | RC Advanced

#### Combination R- and C-Head

#### R-Head

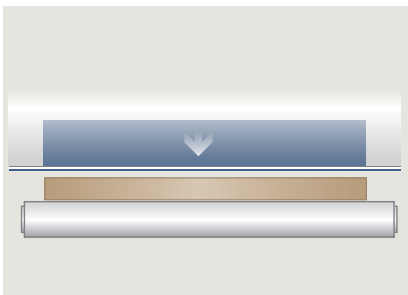
The head for precise calibration of wood and wood-based materials with high stock removal rates and roughening of surfaces as preparation for glueing. The wear-resistant profiled contact roller avoids the so-called “wash-out effect” – possible when sanding wood with large differences in density (summer resp. late wood).



#### Incl. lacquer sanding package for C-head consisting of:

- Frequency-controlled, infinitely variable cutting speed 2 – 18 m/s
- Controlled air-jet sanding belt blower
- Additional sanding insert 80 mm wide





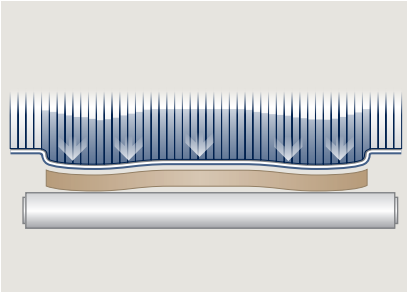
The non-segmented pressure beam evenly sands workpieces. It is often used directly downstream of calibration heads.

## ACP – The air cushion sanding pad

Efficient and accurate sanding... the acp® (air cushion pad) 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**
- **Optimal for processing solid wood**



Pressure and compensation behaviour of the individual segments for warped workpieces or workpieces with thickness tolerances. Within the tolerance range of max. 2 mm the same pressure is applied to different areas of the workpieces.

## 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 35 mm.

### Highlights:

- **Electronically controlled segmented pressure beam system for efficiently retaining the pressure of the sanding belt**
- **35 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® 



## Technical data

This series covers a wide range of applications. The SANDTEQ W-100 with 1 or 2 heads and 1100 mm working width can be configured for many different applications.

SANDTEQ W-100	PERFORMANCE			ADVANCED	
Configuration models	114 C	124 RC	124 RL	114 C	124 RC
Number of heads	1	2	2	1	2
Working width mm/inch	1100/43"			1100/43"	
Abrasive belt width mm/inch	1120/44"			1120/44"	
Length of sanding belt mm/inch	1900/75"			1900/75"	
Workpiece thickness min. – max. mm / inch	3-160 /1/8" -7"			3-160 /1/8" -7"	
Compressed air usage bar / max l/min (without Sanding belt blow-off device)	6 / 20	6 / 40	6 / 40	6 / 20	6 / 40
Dust extraction approx. m <sup>3</sup> /h (without options)	1450	2900	2900	1450	2900
Length / Width / Height mm	1465 / 1700 / 2000	1720 / 1700 / 2000		1465 / 1700 / 2000	1720 / 1700 / 2000
Total connected load kW (without options)	17	32	28	17	28
Weight approx. kg	1400	1800	1800	1400	1800





## HOMAG LifeCycleServices

The sale of our machines comes with all-in optimum service backup and individual advice. 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 regarding control, mechanics and process technology. Thus the on-site service can be reduced by 85.2 %!
- Mobile applications such as ServiceBoard reduce the costs through fast help in case of troubles by mobile live video diagnosis, online service message and the online spare parts shop eParts



### Spare Parts Service

- Identify, request and order spare parts around the clock via [www.eParts.de](http://www.eParts.de)
- Local availability of parts offered by our sales and service companies as well as sales and service partners all over the world
- Reduction of downtimes through defined spare parts and wear parts kits



### 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





**HOMAG Finance –  
precisely the right financing**

- We offer you tailored financing proposals for your machinery or plants. Our financial advice goes hand in hand with our expertise relating to technical questions Your personal contact partner will take care of the entire process
- The benefit for you: The ability to invest without delay in new technologies and remain financially flexible.

**1.200**  
Service employees around the world

**5.000**  
customer training sessions per / year

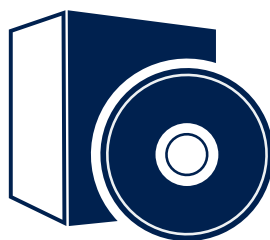
**> 90%**  
less on-site-services through successful remote diagnosis

**> 150.000**  
machines, all electronically documented in 28 different languages – in eParts



**Trainings**

- The trainings perfectly suit to your requirements. Through this your machine operators can operate and maintain the HOMAG machines optimally.
- The trainings also include customerspecific training documents with practice-proven exercises



**Software**

- Telephone support and consultancy through software support
- Digitalization of your sample 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



**HE HOMAG**

**YOUR SOLUTION**



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## **YOUR SOLUTION**