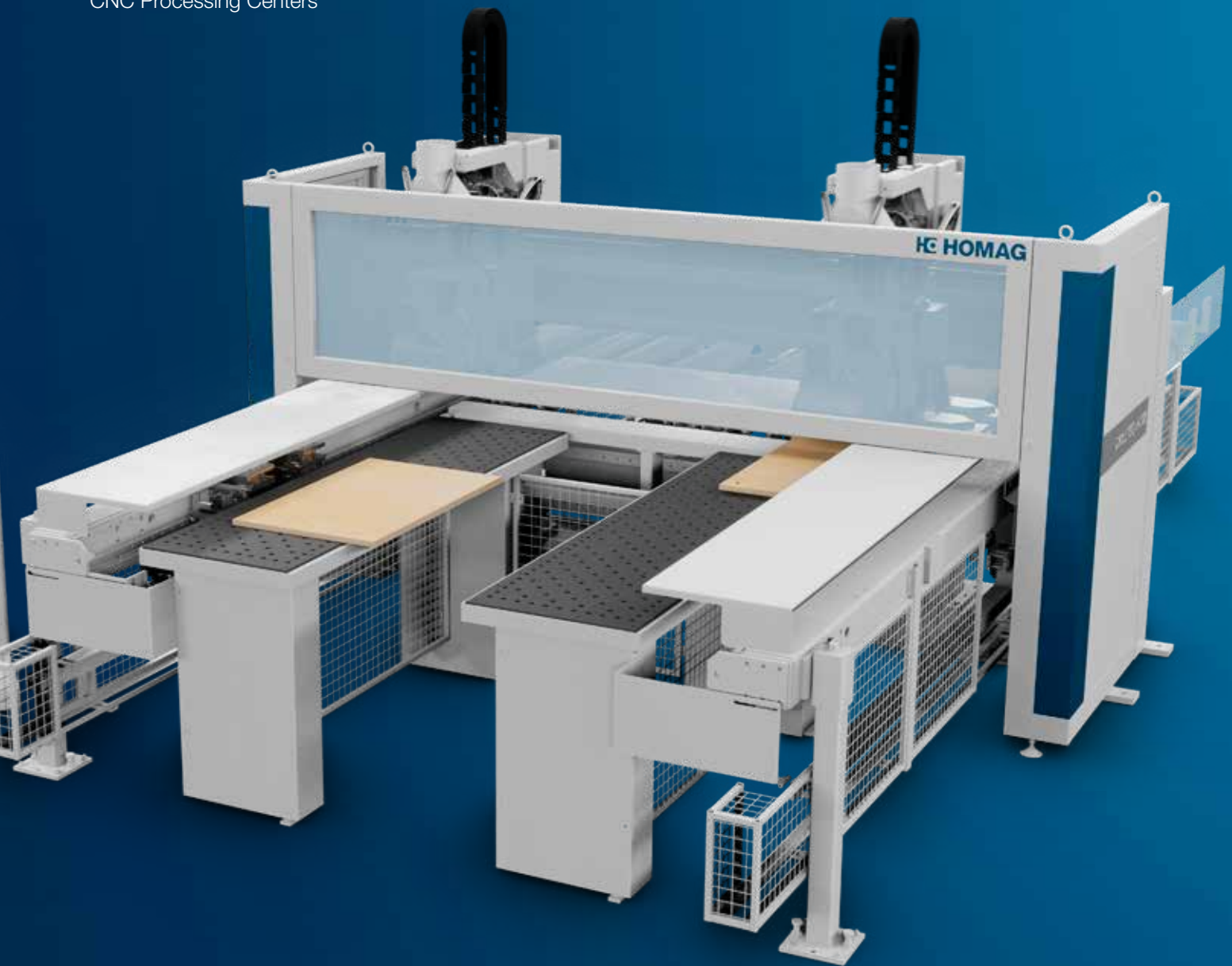


# DRILLTEQ

## H-308

**Two in one. 6-sided processing.**  
CNC Processing Centers







## DRILLTEQ H-308 – 6-sided processing

The DRILLTEQ H-308 impresses with speed and precision - in workpiece handling as well as in machining. Every drilling and milling operation is set with extreme repeat accuracy. The workpiece surfaces are perfectly protected despite fast processing speeds.

The possibility of processing two workpieces at the same time results in double efficiency and the versatile connection options of the machine bring high flexibility.

[www.homag.com](http://www.homag.com)

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- 04 6-sided-processing at its best
- 06 Simple operation - double output
- 08 Drilling
- 10 Drilling technology
- 11 All inclusive – Software
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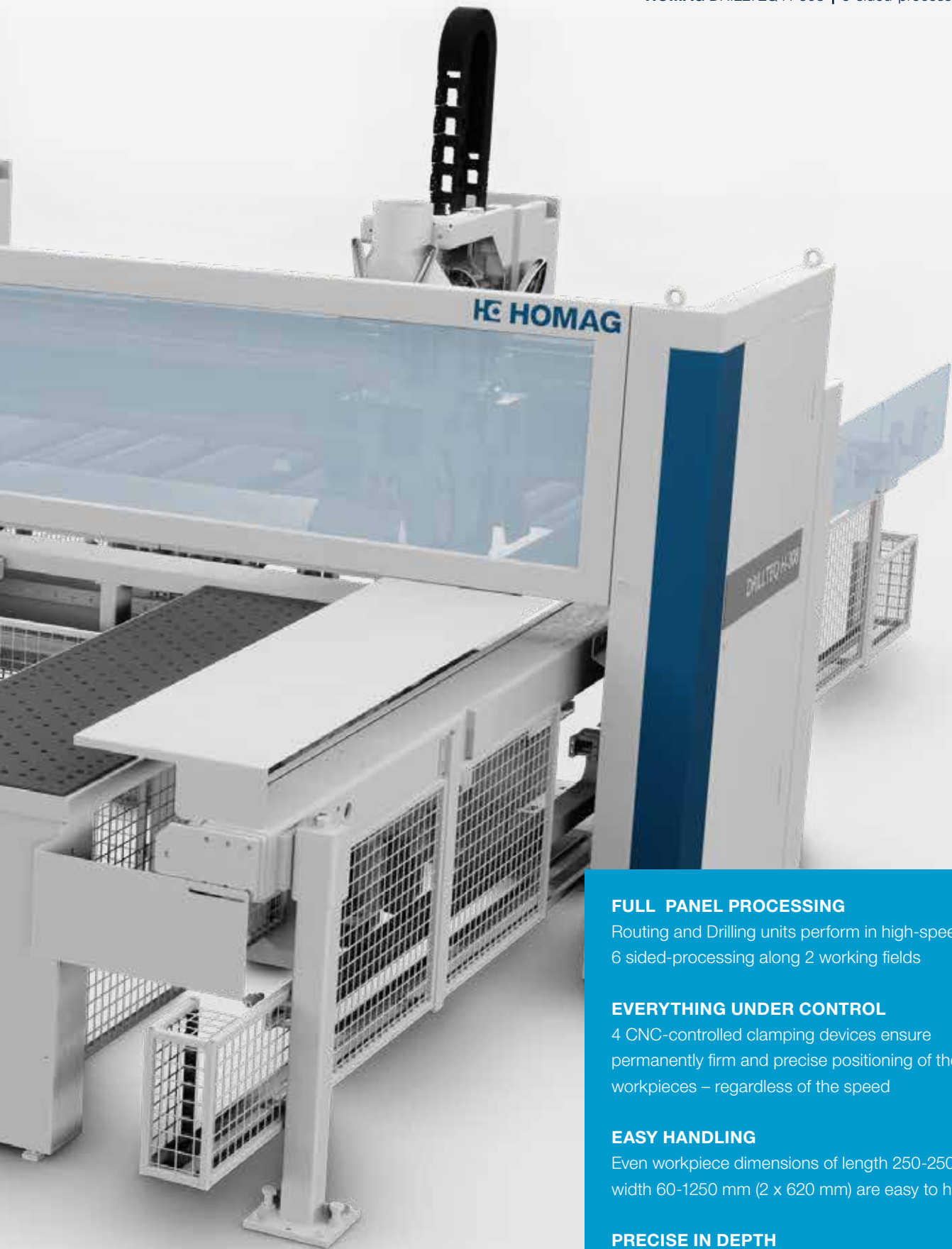




powerTouch 2

## DRILLTEQ H-308 – 6-sided-processing at its best

Operation on two working fields for a continuously processing of panels. 64 high-speed drilling spindles and three 3,5 kW routing motors, all in HOMAG quality, realize precise processing and a high level of flexibility.



**FULL PANEL PROCESSING**

Routing and Drilling units perform in high-speed. 6 sided-processing along 2 working fields

**EVERYTHING UNDER CONTROL**

4 CNC-controlled clamping devices ensure permanently firm and precise positioning of the workpieces – regardless of the speed

**EASY HANDLING**

Even workpiece dimensions of length 250-2500 and width 60-1250 mm (2 x 620 mm) are easy to handle

**PRECISE IN DEPTH**

The patented spindle clamp ensures an always accurate drilling depth for all drilling

**CONSTANTLY AT TOP LEVEL**

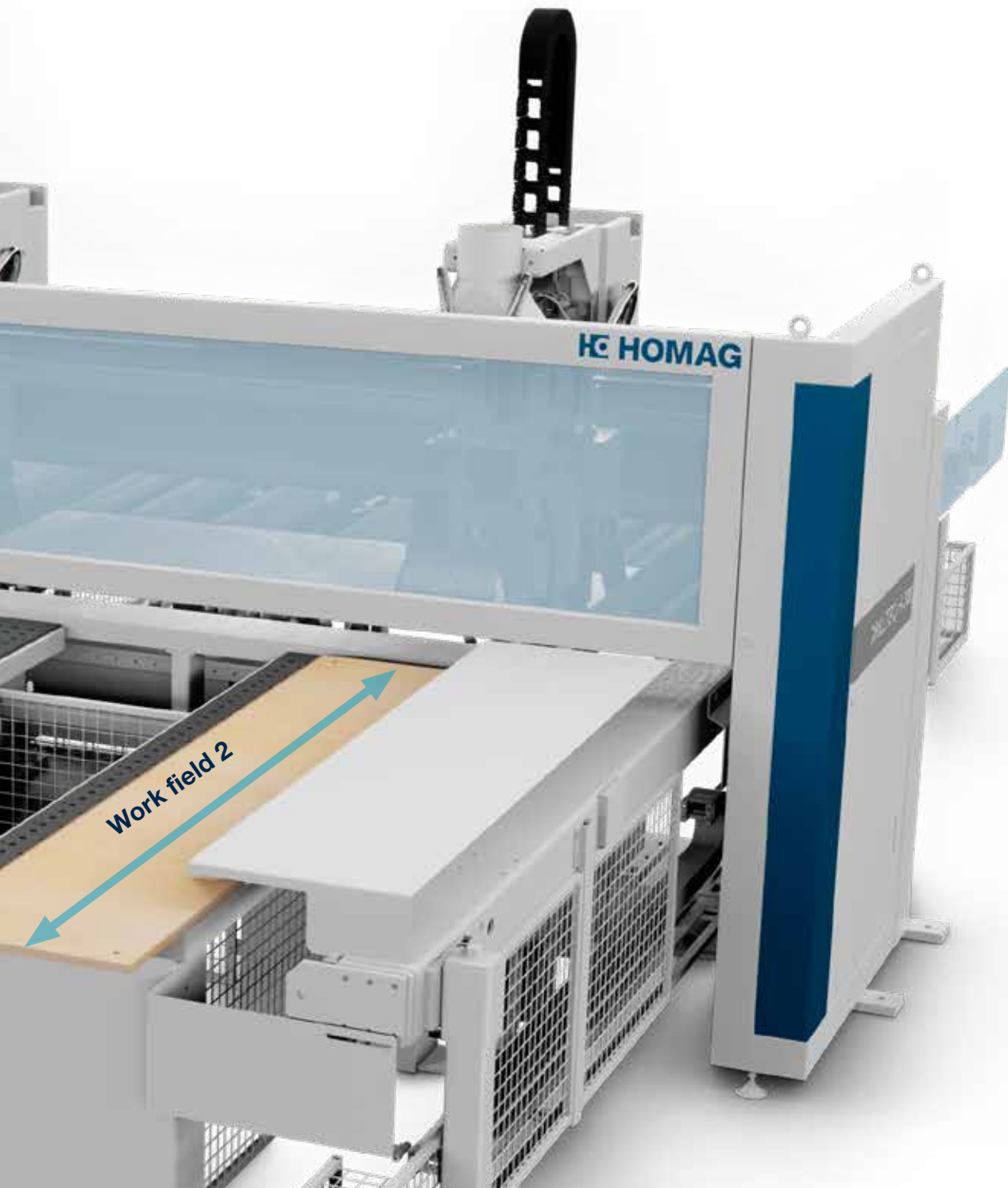
The closed straight guiding system is protected against dust and dirt and thus very durable

## Simple operation - **double output** - save time

By feeding two work fields at the same time, the DRILLTEQ H-308 offers virtually two machines in one. While production is running on one work field, the workpiece can already be prepared for seamless further processing on the second. This guarantees high availability and highly flexible production. The machine running time can be extended up to almost 75%. Work interruptions such as breaks or downtimes are reduced to a minimum.

Whether flexibility for high variant diversity through batch size 1 production or efficiency through series production – the DRILLTEQ H-308 offers the right solution for you.



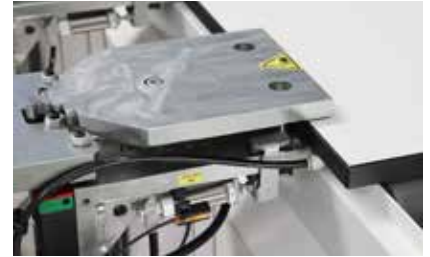


**“The possibility of using two working fields at the same time, thus double loading the machine, is fully in line with the wishes and needs of the Asia market. We always listen to our customers and convert this for their benefit.”**

Gordon Wu, Product Development

# Perfectly matched to you – The right equipment for your needs

**CLOSE TO PERFECTION!** The configuration variety of the drilling equipment for the DRILLTEQ H-308 provides all possibilities regarding your requirements.



### CNC-controlled clamping system on both sides

- Quick and precise – no setting times
- Workpiece thickness up to 40 mm

### High Speed Processing Unit | Bottom

- V14, Router 3.5KW



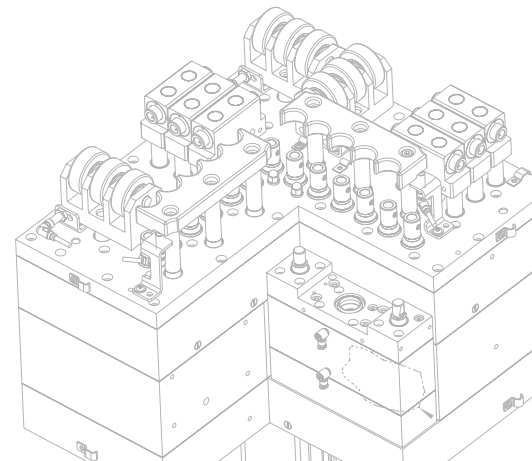
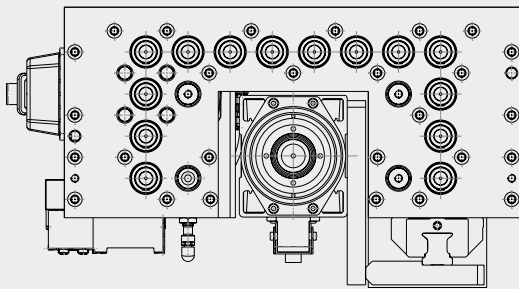
### High Speed Processing Unit | Top Head | High Speed 7500

- Left side V13, H6X, H6Y, Router 3.5KW
- Right side V13, H6X, H6Y, Router 3.5KW

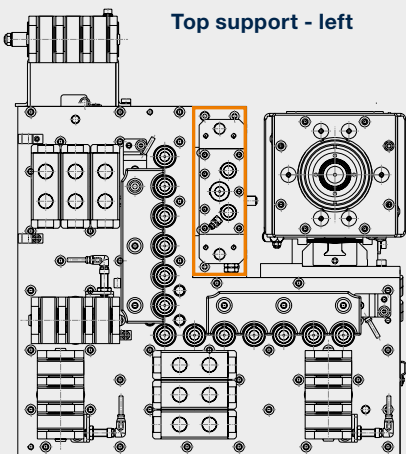




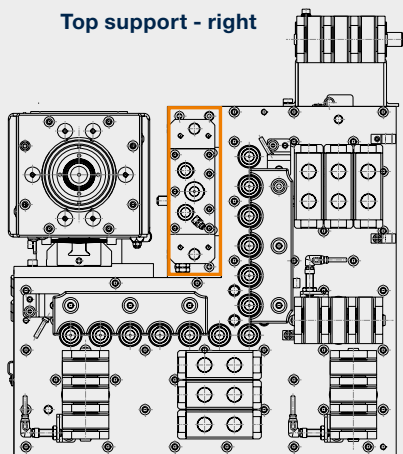
Bottom support



Top support - left



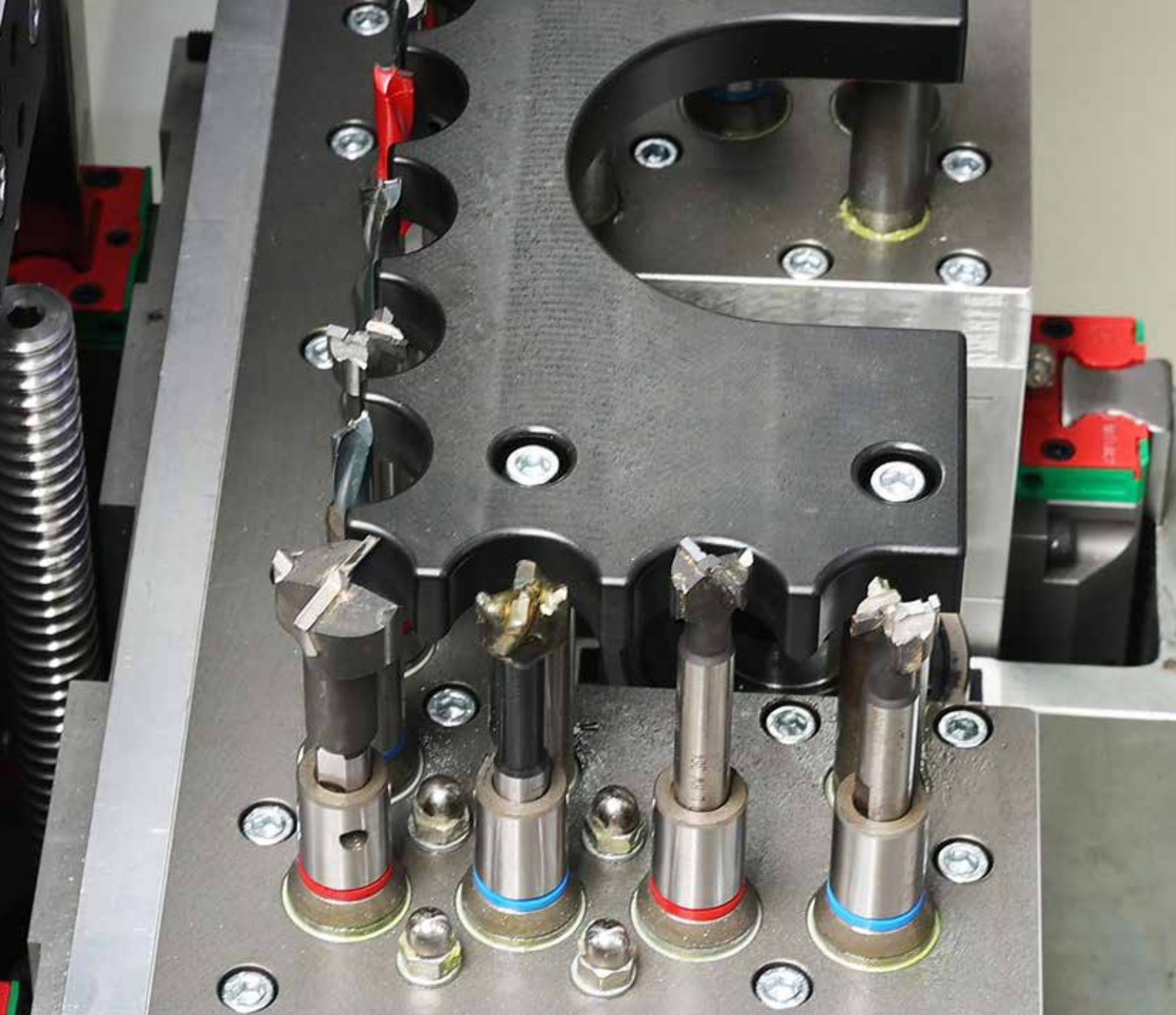
Top support - right



# 64

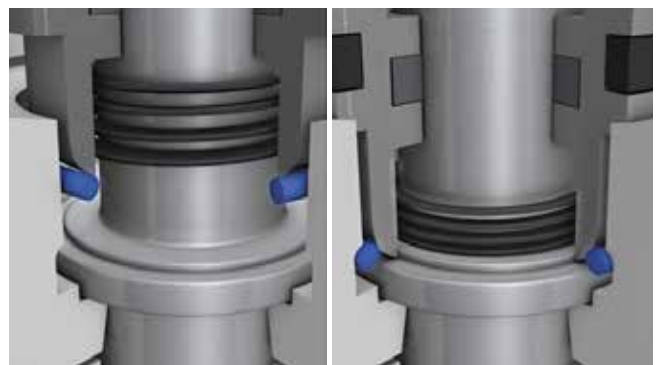
**Configuration 64-spindles**

- 2 x 13 upper vertical drilling spindles
- 1 x 14 lower vertical drilling spindles
- 2 x 12 horizontal drilling spindles
- 2 x hinge holes module (optional)
- 3 x 3,5 kW routing spindle



## Patented drilling technology – Our experience is your added value

Long service life, low wear and maximum precision. The patented German drilling technology of the HOMAG Group is already included in the DRILLTEQ as standard. It ensures you the highest quality of workmanship in the long term, which does not lose any of its high quality even with thousands of drilling operations per year.

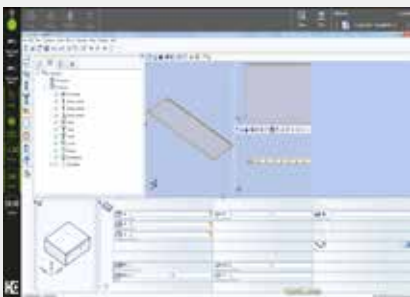


### **Automatic spindle clamping**

- Patented system
- Always exactly the same drilling depth
- Constant quality by high repeat accuracy

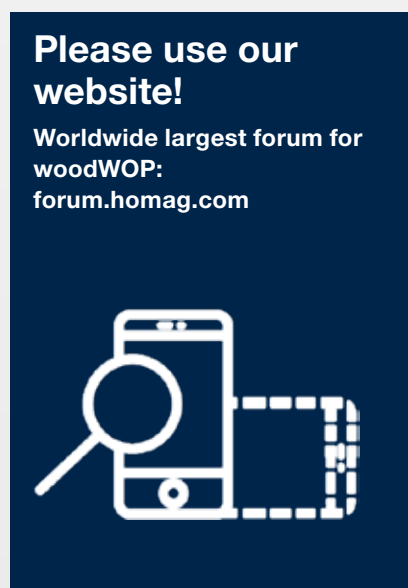
## All inclusive – Software

**WITH THIS SOFTWARE PACKAGE YOU ARE »READY TO RACE«.** You will receive one of the most established CNC-programming systems, the woodWOP software, which has proven itself by more than 30.000 installations worldwide.



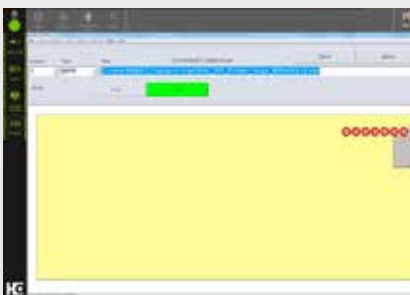
### woodWOP | License Machine

- Fast and intuitive operation thanks to simple, direct navigation
- Quickly create individual subprograms
- Increased programming security through 3D images of workpieces, processing and clamping equipment



### PulseCloud ready

Do you need support with Dashboard, Machine management, Tool management or Simple preventive maintenance? We know it and are at your side. MMR Basic provides a direct connection to the PulseCloud. Data is provided at a glance. Your fast support is guaranteed.



### Slot assignment

- Simple control of main machine functions through soft keys
- Graphical configuration
- Automatic mirroring of workpieces



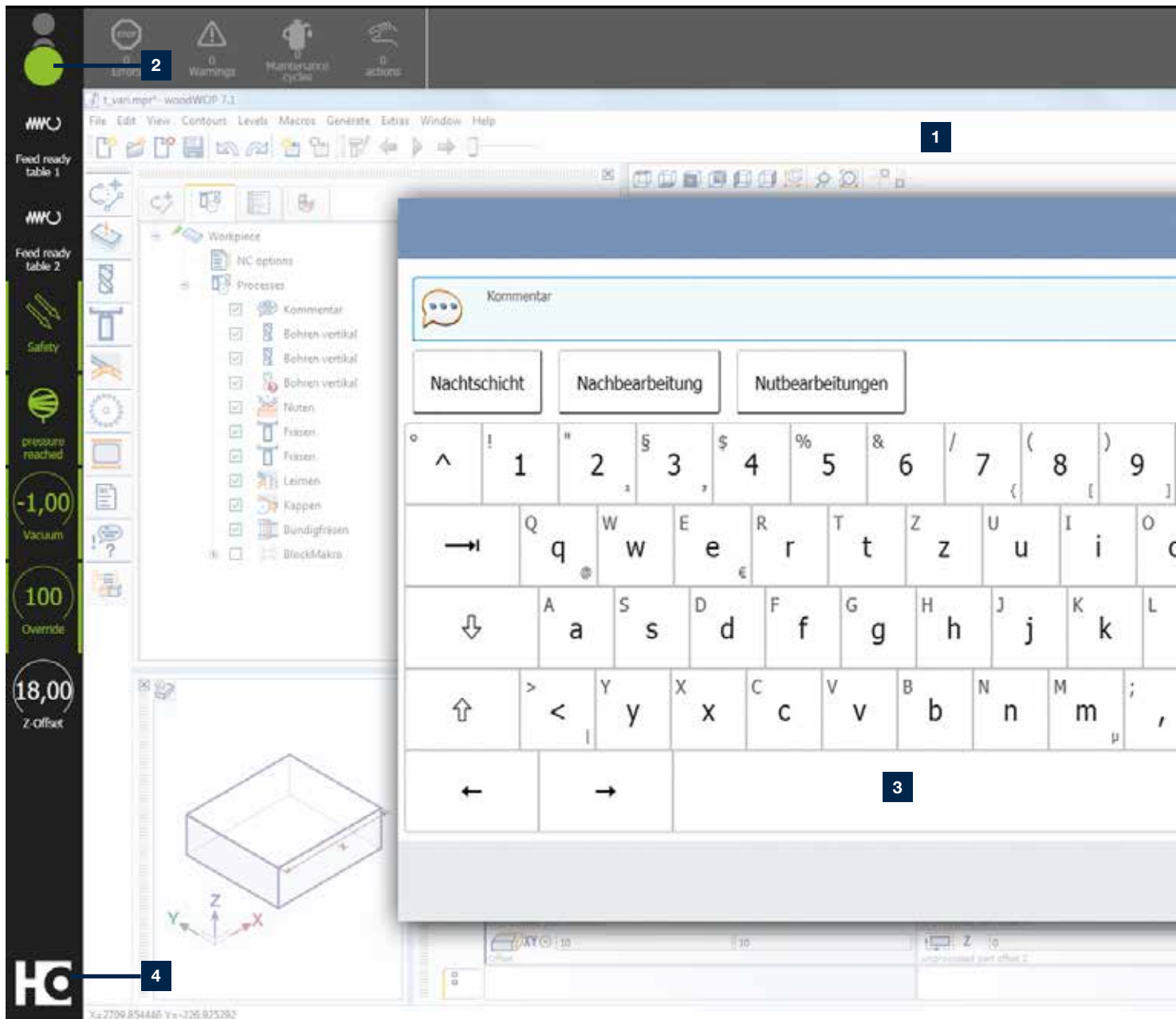
### woodWOP DXF Basic

- Interface for CAD-Data Import
- Basis to generate woodWOP programs



### Machine data acquisition MMR Basic

- Record quantities and actual operating times on the machine
- Integrated maintenance instructions for optimum time and quantity-based planning, as well as performing maintenance

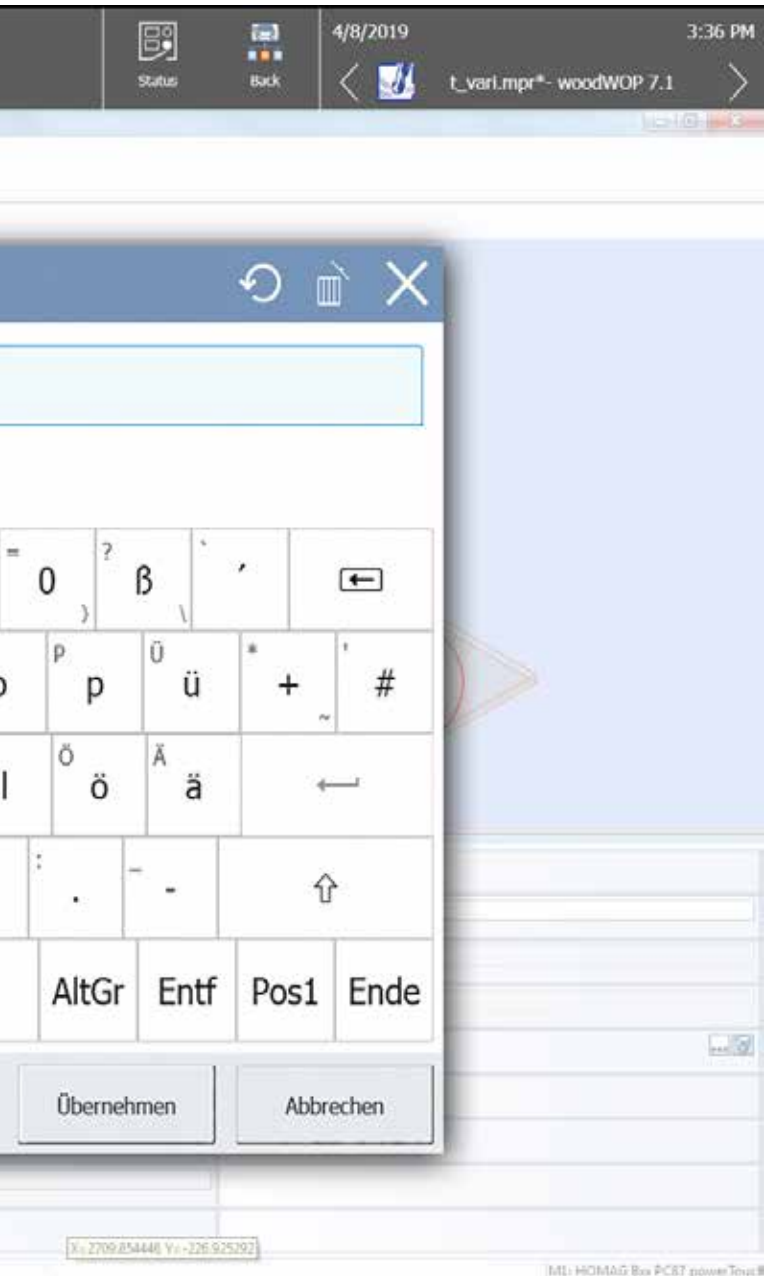


**1** The powerTouch2 screen is clearly structured. You can see all the important information at a glance, but you still have all the details.

**3** A functional pop-up keyboard that can be kept open, including automatic word completion for faster entries (when you enter the first letters, frequently used applications are proposed and you can select them directly).

**2** We have also improved the traffic light dialog further. You can now directly influence the machine's production readiness by selecting actions via the traffic light icon.

**4** Enhanced "Start" menu with additional information displayed (e.g. an indication of how many messages are currently pending or status bars that show the progress of the application) and direct access to actions (e.g. confirmation of actions without having to jump to the application).



## 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.

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.

Our successful powerTouch philosophy – **standardized, simple, ergonomic, evolutionary** – consistently further developed

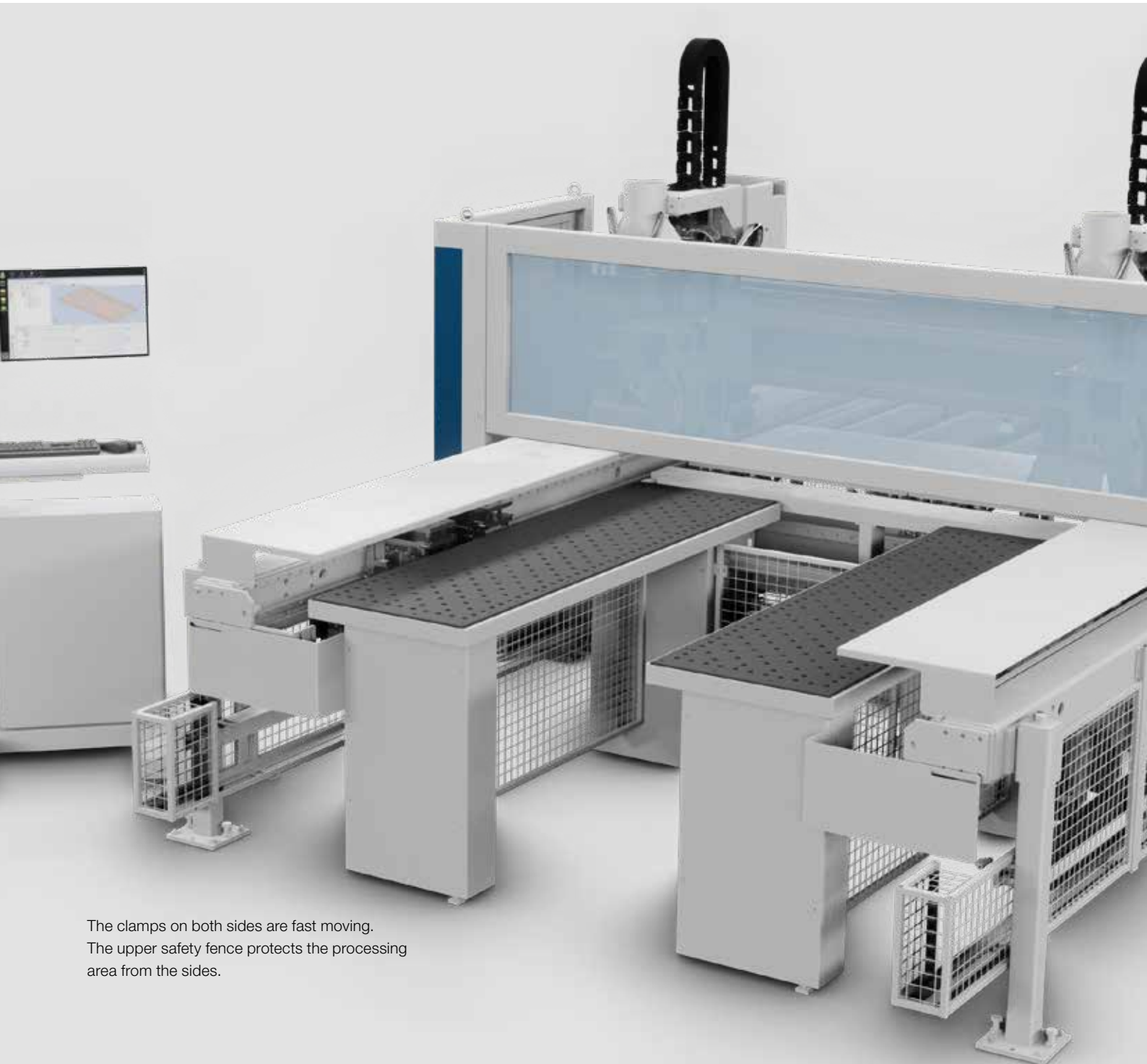


**THE HIGHLIGHTS AT A GLANCE:**

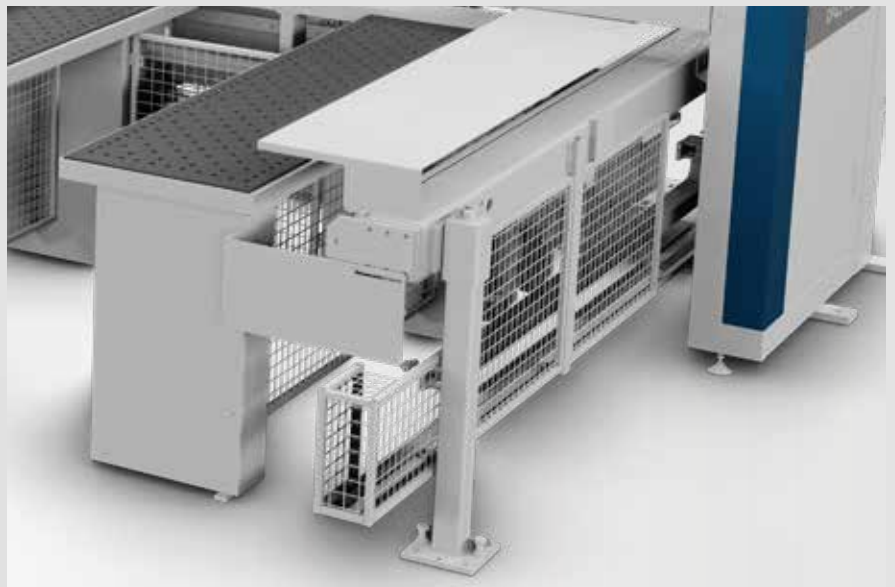
- Direct and efficient operation, up to 30% faster
- Clearer and more informative thanks to additional information and live illustrations instead of program icons
- New applications for operating and controlling machines and systems (e.g. NCCenter in the PC87 control system on CNC machines or woodCommander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

## Safety first, because you are important to us! Comprehensive safety concept

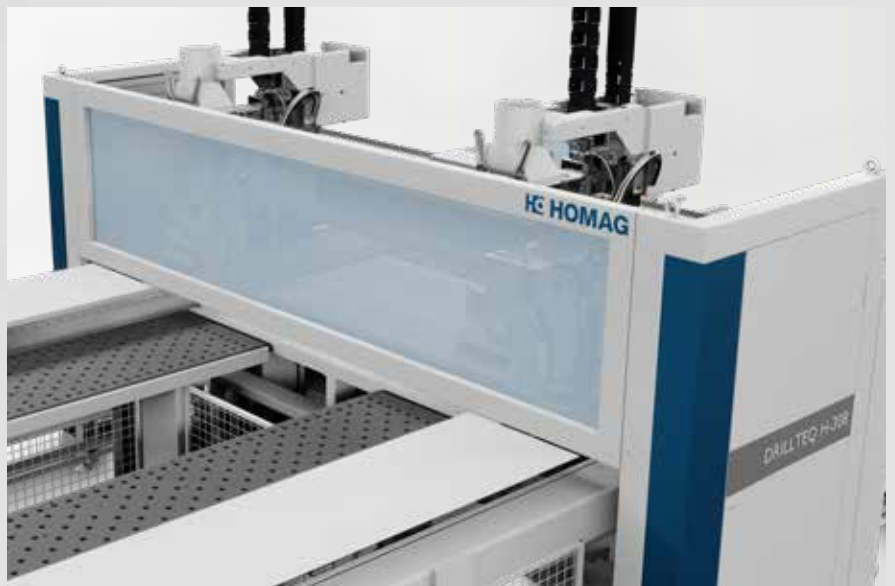
The DRILLTEQ H-308 has a comprehensive safety concept. German standards make working with this equipment not only comfortable, but also safe to handle.



The clamps on both sides are fast moving.  
The upper safety fence protects the processing area from the sides.



The lower safety fence prevents entry into the working area.



The protective cover closed the processing area, to ensure the operator safety during the processing (avoid personal contact with machining tools and moving parts).

# HC LIFE CYCLE SERVICES

Optimal service and individual consultations are included in the purchase of our machines. We provide support through service innovations and products that are tailored exactly to your company's requirements. With short response times

and rapid customer solutions, we can guarantee excellent availability and cost-effective production for the entire life cycle of your machine.



## TELESERVICE

- Hotline support via our trained TeleService experts regarding control system, mechanics and process technology. This means over 92% fewer on-site service visits and therefore 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 about spare parts online at [www.eParts.de](http://www.eParts.de) 24/7.



## 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 and modernization as well as individual consultancy and developments.



## DIGITAL SERVICES

- serviceRemote — the new TeleService solution of the future! Fast restart of production because the TeleService employee has extensive access to relevant physical data.
- serviceAssist enables you to help yourself. The preventive solutions proposed in the new app are the combination of our experience and existing machine data.



## SOFTWARE

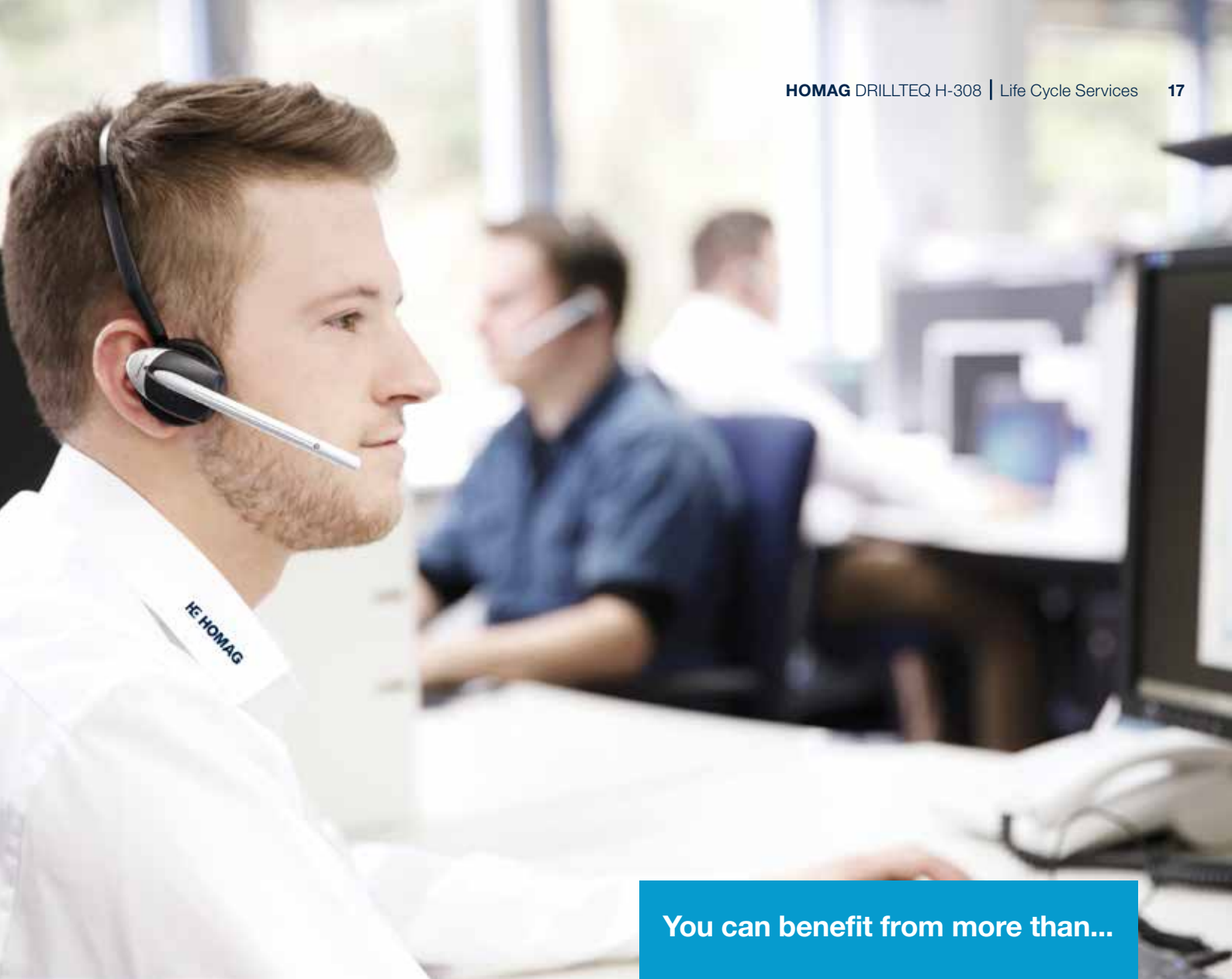
- Telephone support and consultancy from Software Support.
- Digitalization of your spare parts using 3D scanning saves time and money in comparison to reprogramming.
- Subsequent networking of your machinery with intelligent software solutions ranging from design through to production.



## FIELD SERVICE

- Increased machine availability and product quality thanks to 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 the event of unpredictable trouble.





You can benefit from more than...

**1350**

service employees worldwide

**92%**

less on-site service thanks to successful TeleService

**5000**

customers in training sessions/year

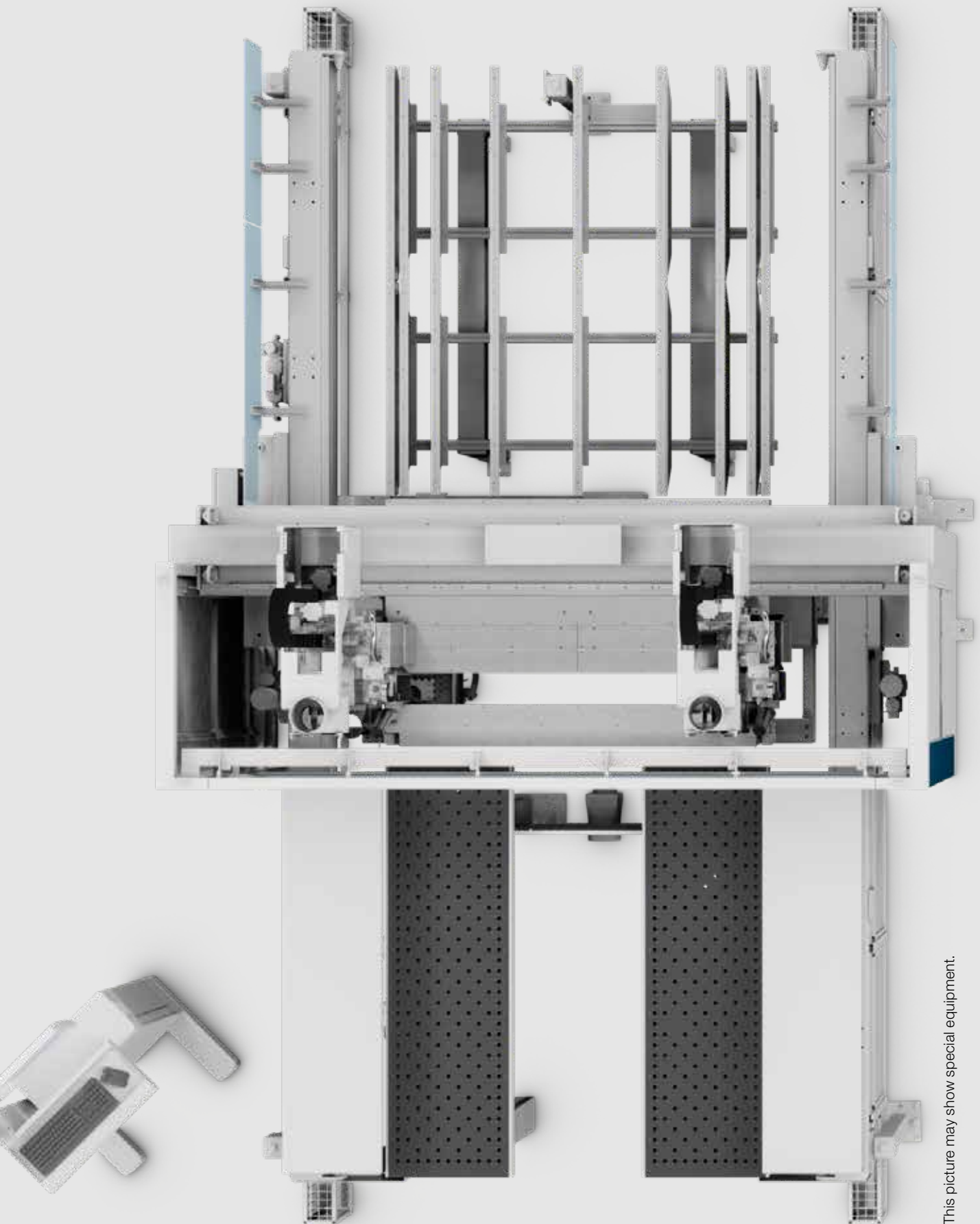
**150,000**

machines electronically documented in 28 languages in eParts



#### TRAINING

- Thanks to training perfectly suited to your requirements, your machine operators can optimally operate and maintain HOMAG machines.
- In this regard, you will receive customer-specific training material with tried-and-tested exercises.
- Online training and webinars: learn without traveling — meet your trainer in the digital classroom.

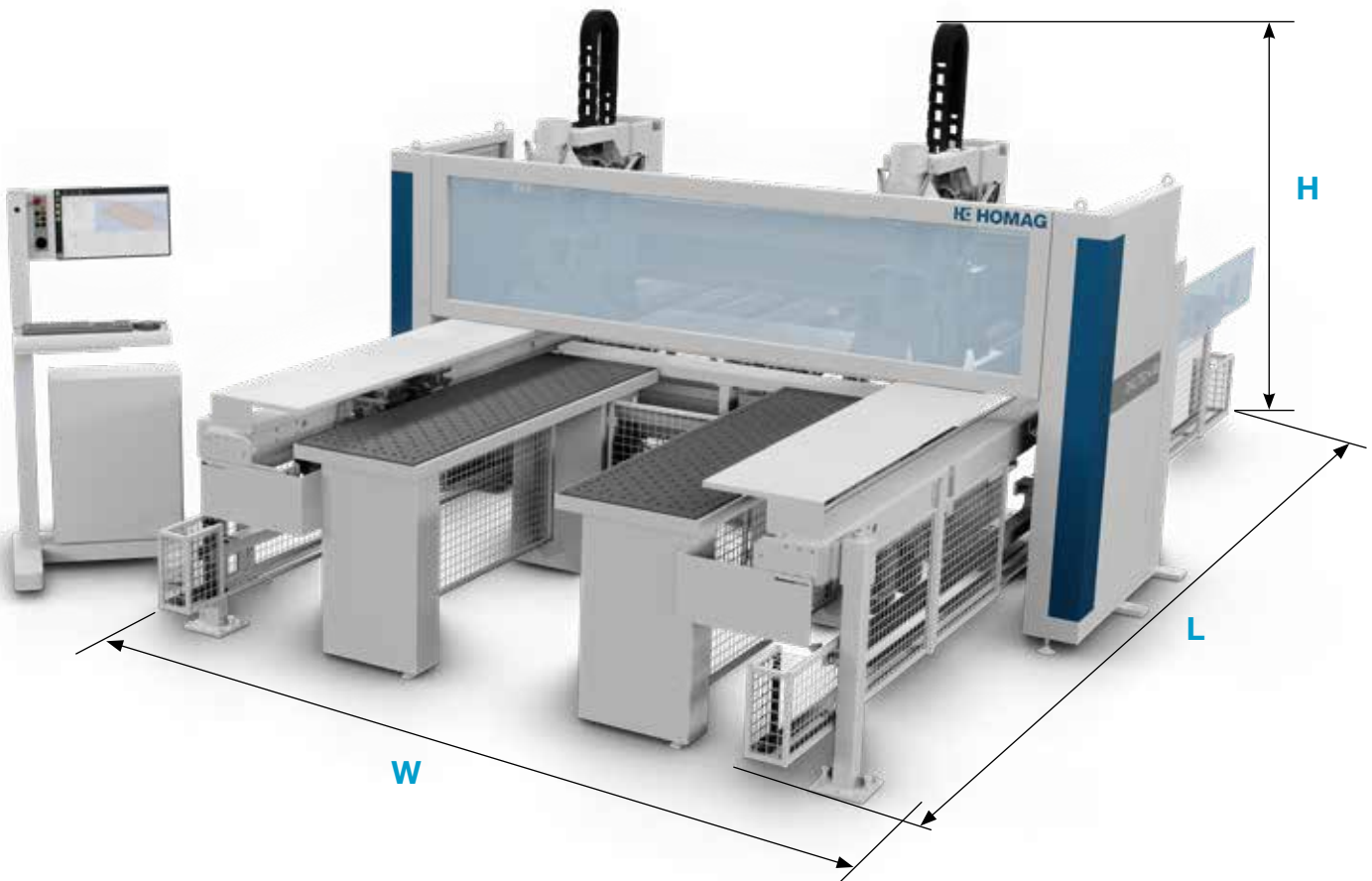


This picture may show special equipment.

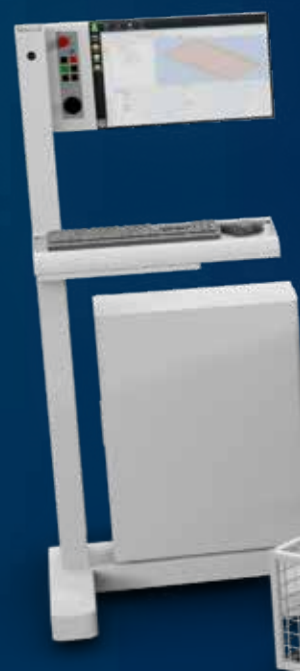
# Technical data

TECHNICAL DATA		
<b>Footprint without Switch Cabinet</b>		
<b>L</b>	mm	5.910
<b>W</b>	mm	3.900
<b>H</b>	mm	2.530
<b>Workpiece dimension</b>		
<b>Length</b>	mm	250 – 2.500 (3.050)
<b>Width (single part)</b>	mm	60 – 1.250
<b>Width (double parts)</b>	mm	2 x 620
<b>Height</b>	mm	8 – 40
<b>Drilling Head TOP 1 &amp; 2</b>		
<b>Vertical spindles</b>	No.	2 x 13
<b>Vertical spindle clamping</b>	patented	Yes
<b>Horizontal spindles in X+/X-</b>	No.	2 x (3X+/3X-)
<b>Horizontal spindles in Y+/Y-</b>	No.	2 x (3Y+/3Y-)
<b>Frequency controlled</b>	RPM	1.250 – 7.500
<b>Drilling Head Bottom 1</b>		
<b>Vertical spindles</b>	No.	14
<b>Vertical spindle clamping</b>	patented	Yes
<b>Frequency controlled</b>	RPM	1.250 – 7.500

<b>Router</b>		
<b>Frequency controlled</b>	RPM	18.000
<b>Power</b>	KW	3.5
<b>Collet</b>	Type	ER25
<b>Infeed table</b>		
<b>Type</b>		Air-cushion table
<b>Direction</b>	Throughfeed	
<b>Direction</b>	Reserved	
<b>Outfeed table</b>		
<b>Type</b>		Support table
<b>Dust extraction</b>		
<b>Diameter</b>	mm	2 x 160
<b>Electric</b>		
<b>Max. connection load</b>	KW	33
<b>Air</b>		
<b>Compressed Air</b>	bar	7
<b>Machine</b>		
<b>Approx. weight</b>	KG	4.800



Status 03/22 | Technical changes, print errors and mistakes reserved. Pictures may show special equipment.



**HOMAG Group AG**

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www.homag.com

**YOUR SOLUTION**