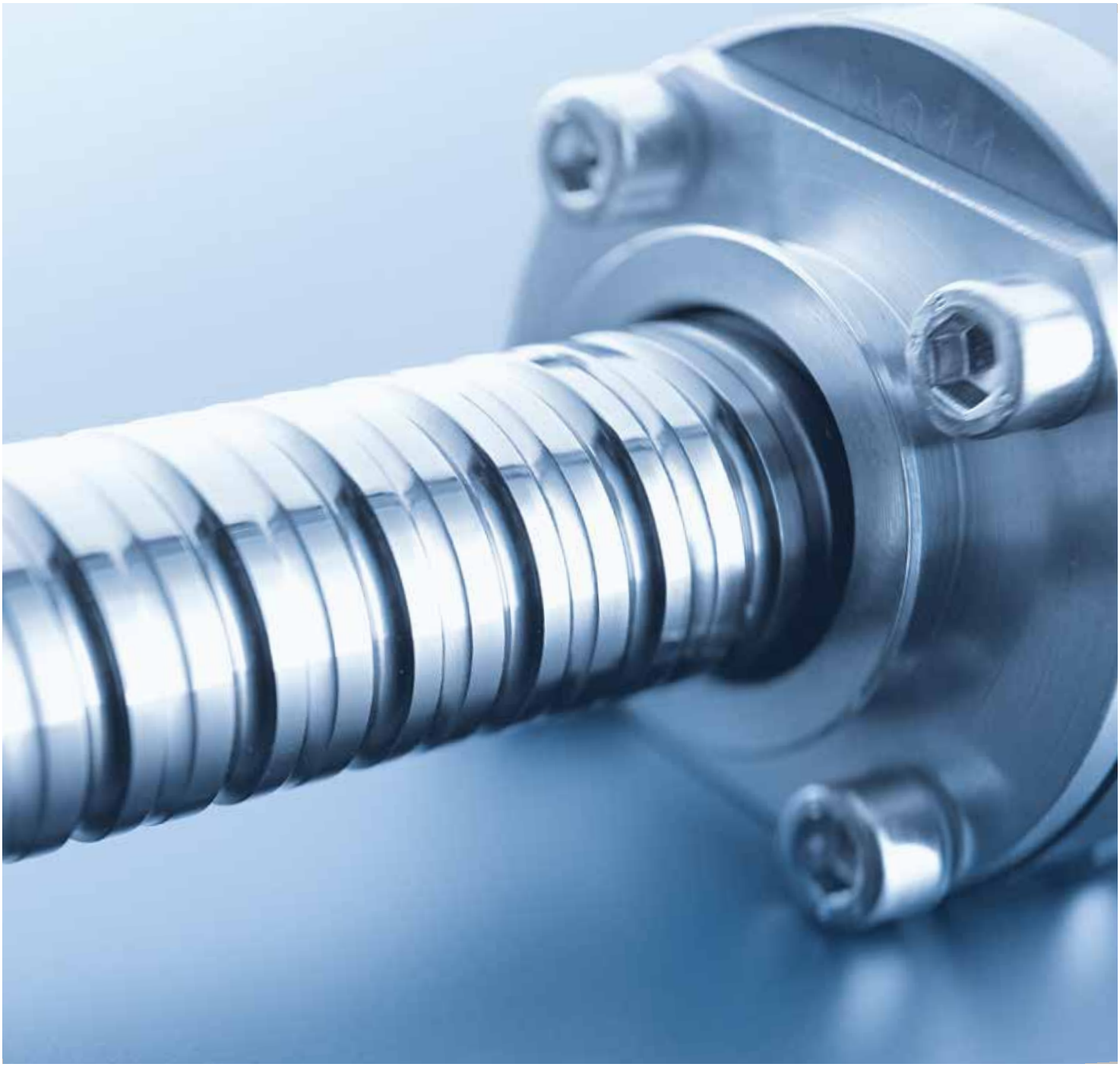
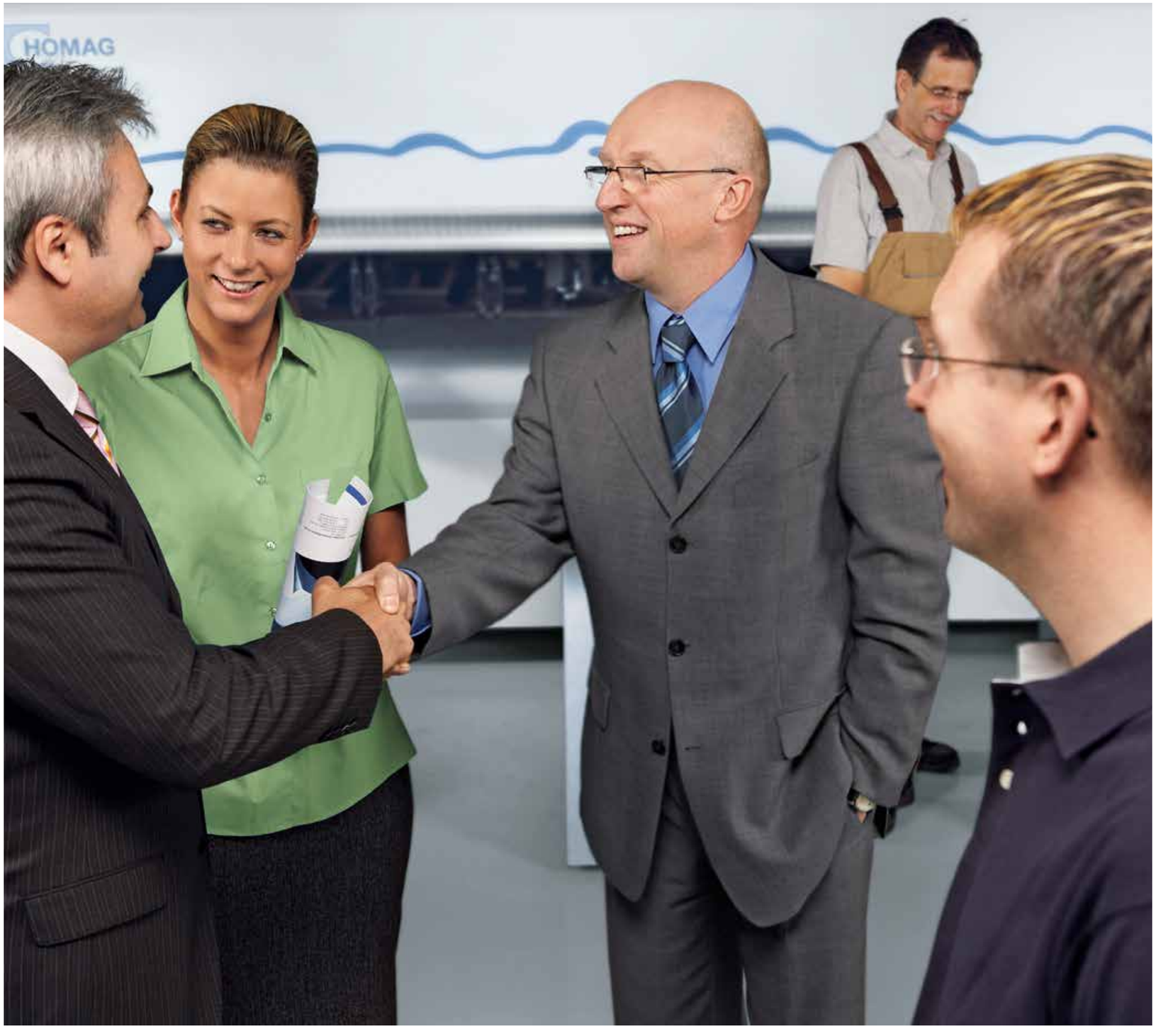
HOMAG

Panel dividing saws of the 5 series
HPP 500 | HPL 500 | HKL 500





The 5 series – power and performance without compromise

Performance is a question of capability and capacity. For the 5 series, we have combined both: The high-performance saws impress thanks to their uncompromising technology and enormous material throughput at maximum availability, ensured by the fact that the saws are exceptionally easy to service and maintain. The result is a combination of well-thought-out design and leading technology. In short: the saws in the 5 series stand for maximum performance and durability, combined with the greatest possible flexibility when it comes to saw configurations. So you get exactly **YOUR SOLUTION**.

Find out more here: **www.homag.com**

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HPP 500 profiLine

The HPP 500 profiLine has impressive innovative technologies and an unparalleled sturdy design.
Saw blade projections of 150 mm or 170 mm ensure demand-based performance.

THE HIGHLIGHTS

- Cutting lengths up to 6500 mm
- Equipped with high-end technologies

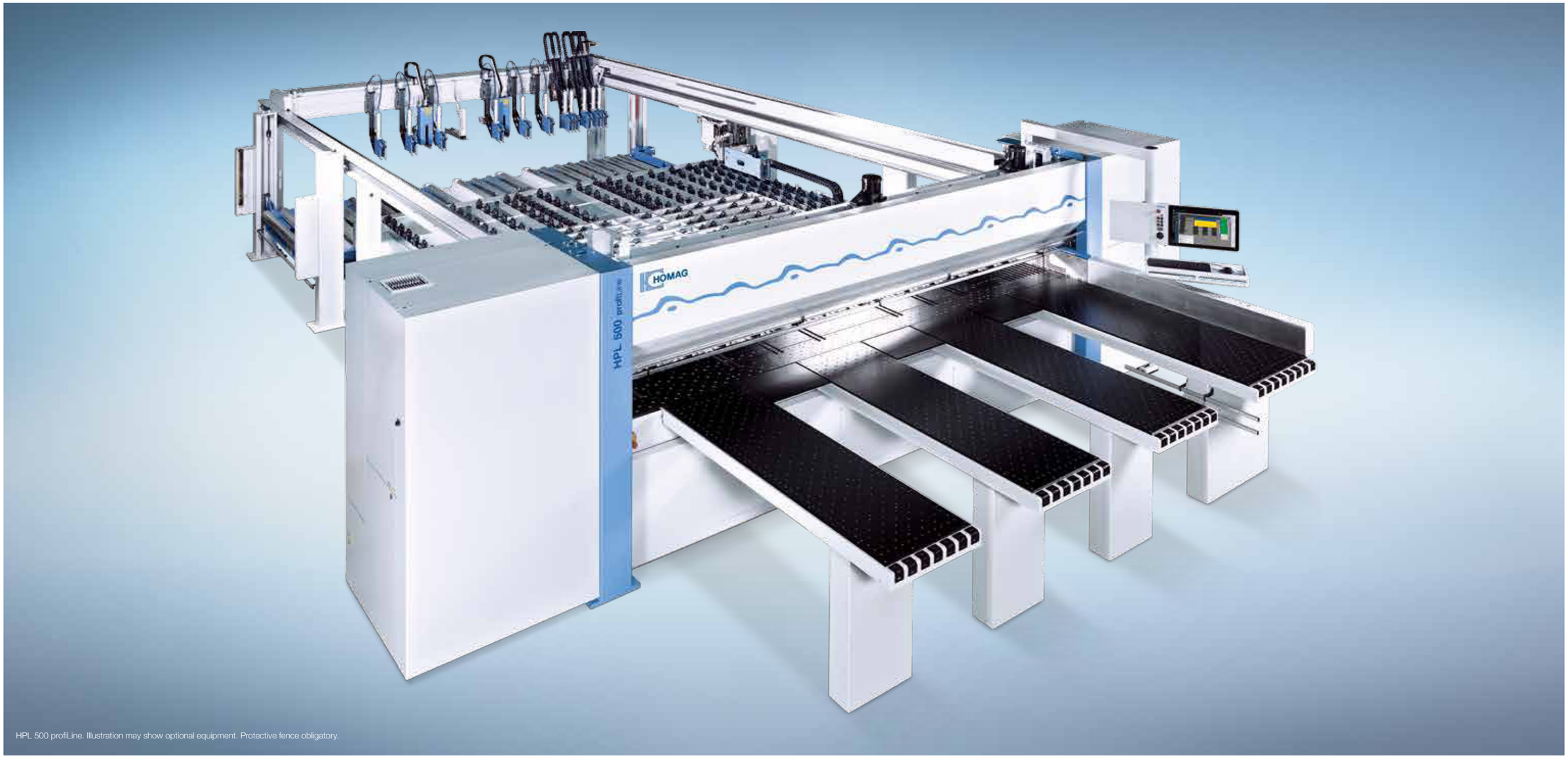
HPP 500 profiLine. Illustration may show optional equipment.

HPL 500 profiLine

The HPL 500 profiLine is equipped for automatic feeding thanks to its robust lifting table, speeding up the production process even further.

THE HIGHLIGHTS

- **Short production cycles due to automatic feed**
- **Extremely robust and designed to withstand maximum stress**
- **Cutting lengths up to 6500 mm**



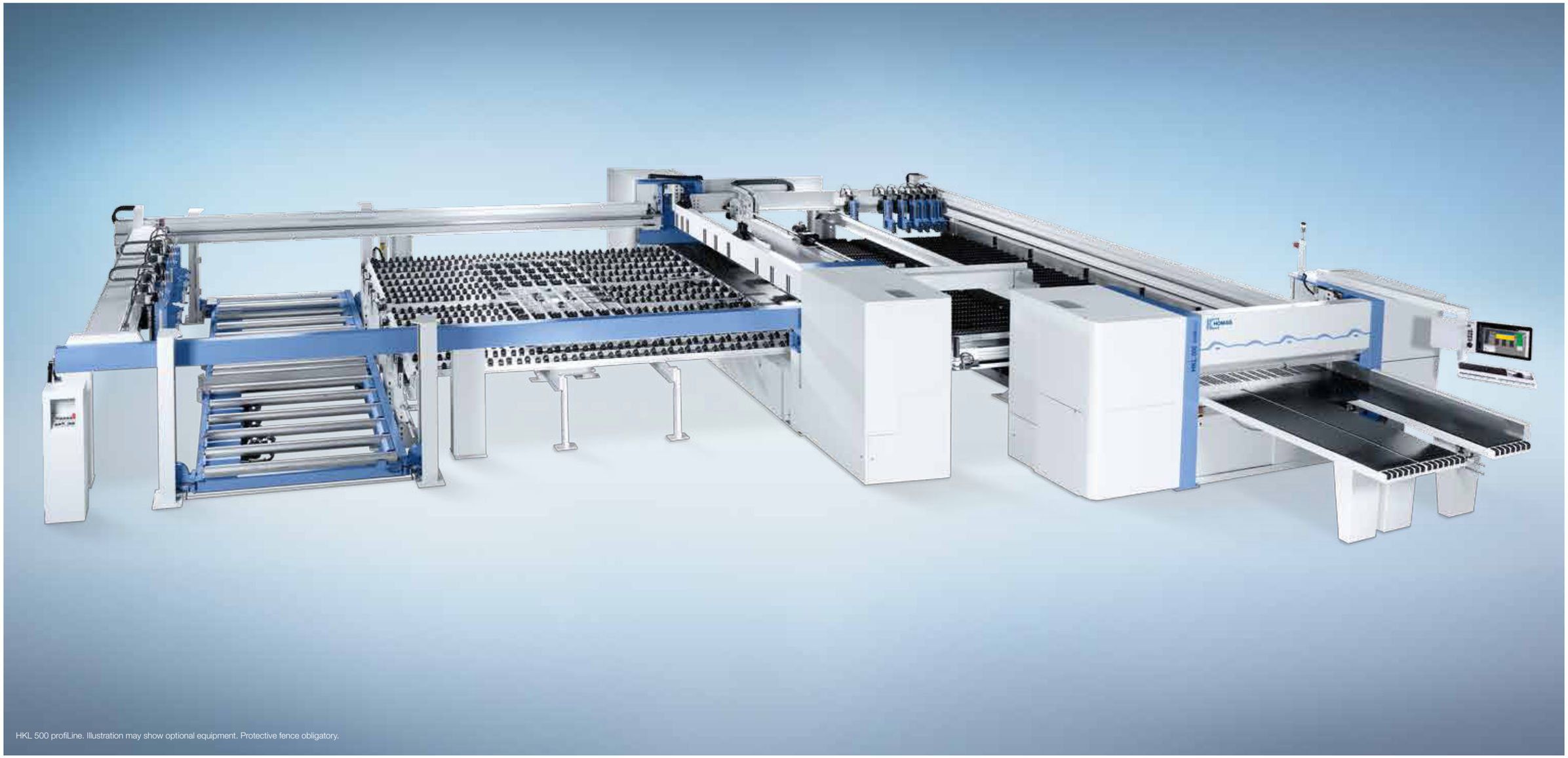
HPL 500 profiLine. Illustration may show optional equipment. Protective fence obligatory.

HKL 500 profiLine

The HKL 500 profiLine angular saw unit has an impressive maximum output over a short period of time. Fully-automated and particularly powerful, it will propel your production to new levels of performance.

THE HIGHLIGHTS

- **Angular saw unit for industrial applications**
- **Maximum output thanks to fully-automatic longitudinal and crosswise cutting**
- **Cutting lengths up to 5600 mm**
- **Can be used as a standalone solution or integrated into production lines**



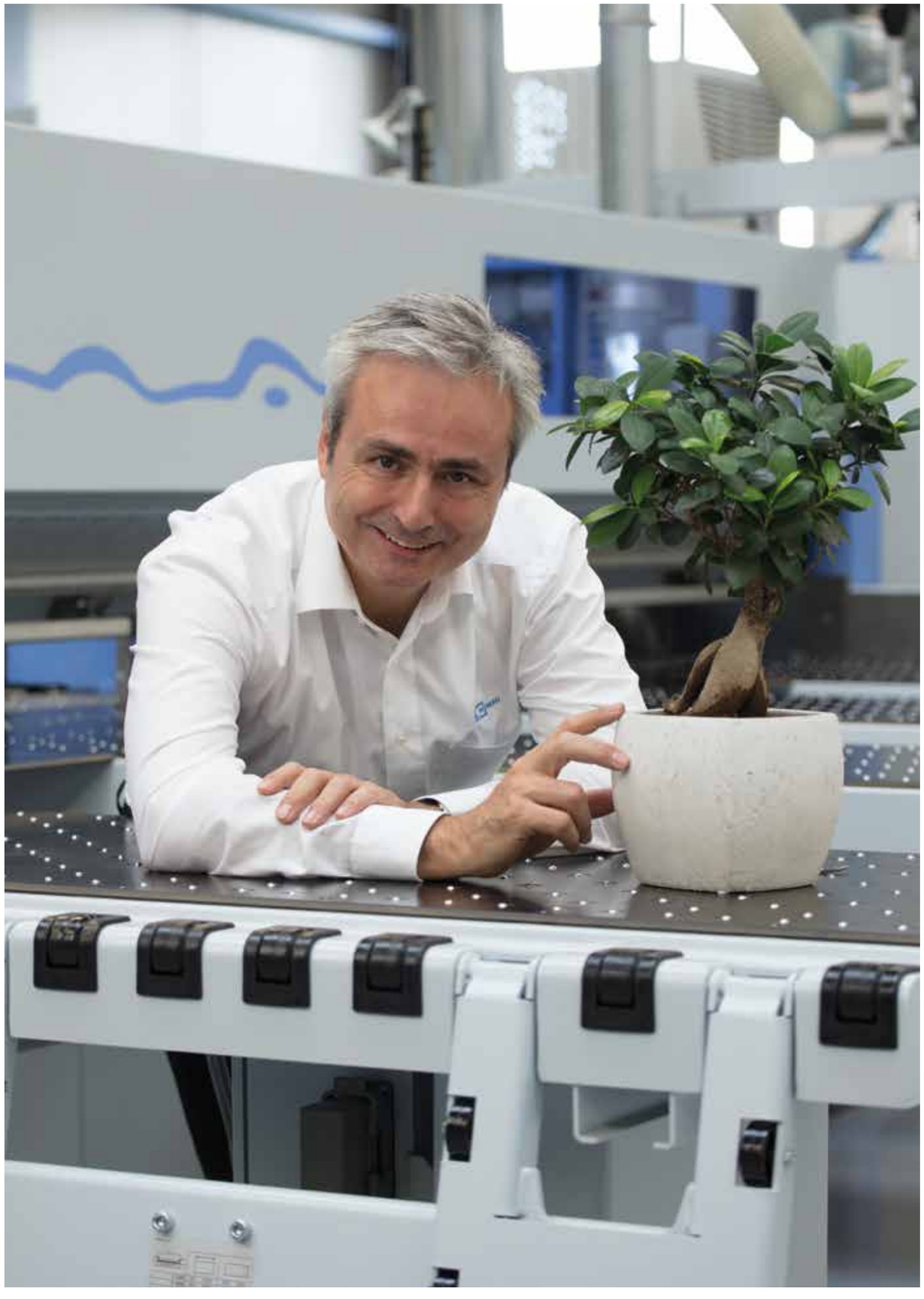
HKL 500 profiLine. Illustration may show optional equipment. Protective fence obligatory.

Standard features

Even in the standard version, the high-performance saws in the 5 series offer the full range of technical features and can be used flexibly, either as standalone machines or interlinked with other machines as part of a production line, depending on the production concept.

Good to know:

- Large saw body made from SORB TECH mineral compound
- Equipped with the latest CADmatic 5 control software
- Extremely energy efficient thanks to intelligent ecoPlus technology
- Low maintenance, ergonomic and intuitive operation



ecoPlus – because efficiency starts with the use of resources

Energy, time, material and personnel are all precious resources. Conserving them increases productivity and saves costs. The ecoPlus technology from HOMAG helps you to achieve this aim, providing countless innovations that save energy and reduce your operating costs. What's more, ecoPlus reduces CO_2 emissions and protects the environment. A worthwhile investment twice over.

VIDEO:

ecoPlus

ecoPlus technology for maximum energy savings

- The standby button, a standard feature, puts the saw in an energy-saving standby mode at the touch of a button
- All models with IE3 motors
- Variable speed control by means of a modern bypass circuit for all models with frequency-controlled main saw motor
- Patented rocker arm raises just the main saw blade, while the motor remains in position – this saves energy
- The light sensor on the saw carriage has its own blower unit (optional), which utilizes the air discharged from the main saw motor
- The pneumatic system in the saw carriage has been partially replaced by hydropneumatic components, thus cutting compressed air costs and enhancing precision
- The geometry of the saw carriage enables highly efficient extraction
- Intelligent optional features: the load-dependent means of controlling the strength of the air cushion – for example on the air cushion tables – keeps energy consumption to a minimum
- All models are equipped with an energy monitor to monitor consumption
- Less energy required thanks to optimized extraction
- Thin-kerf saw blades can be used on request, ensuring less waste among other benefits
- Numerous innovations for improved ergonomics and smooth production processes

Find out more in the “ecoPlus” brochure.

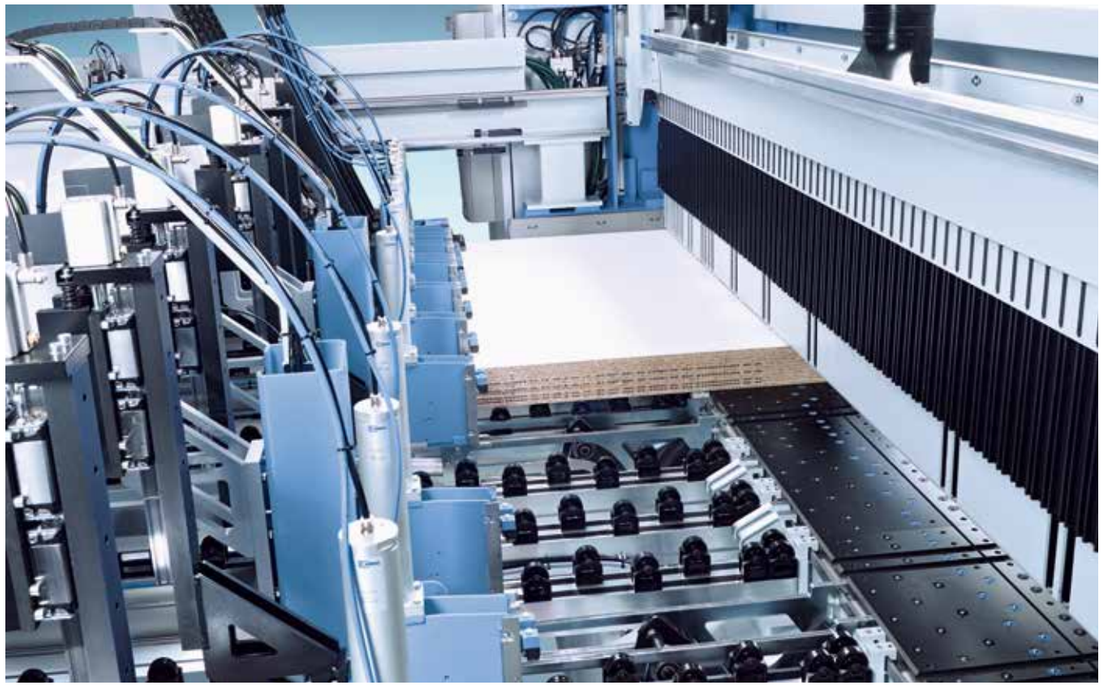
WITH ECOPLUS, YOU SAVE:

up to 20% of energy*

* Compared to our older saws

Peak performance is the result of numerous high-tech solutions

Speed, quality and precision during the cutting process can only be achieved if panel materials are moved quickly, gently and with a high level of accuracy. With the saws in the 5 series, numerous technologies work together like cogs to ensure this is the case – from program fence to pressure beam and clamps, all the way through to the patented side pressure device.



Program fence for precision and dimensional accuracy

- Resistant to torsion and bending
- Electronically controlled
- Precise linear guide on the H-girder
- Electromagnetic measuring system guarantees a positioning accuracy of +/- 0.1 mm, allowing for minimal trim and dust cuts
- Wear and maintenance free

Pressure beam

- Rugged design
- Extremely short cycle times thanks to a dynamic pneumatics system
- Impressive extraction thanks to the special geometry in the pressure beam – dust is extracted via the shortest route possible and without causing any turbulence, even through the right-angled fence
- Micro-joint technology: Slots for optional clamps are securely sealed, but can be opened easily when needed
- Insert brushes (patented) mounted inside the clamp slots seal the pressure beam and prevent dust from escaping. The brushes can be changed quickly and easily thanks to a clip system
- The contact pressure from the pressure beam is dependent on the workpiece and is automatically controlled via the CADmatic system over the entire cutting length for minimum torsion
- Special pressure beam guidance to allow for durability and lasting precision

Illustrations may show the technical principle but not the precise machine variant described.
For example, further optional features may be shown.

Patented: Central side pressure device

- Integrated directly in the saw carriage, which shortens cycle times by up to 25% in comparison with conventional systems
- Infinitely variable adjustment of contact pressure – depending on panel thickness. This allows even thin panels, laminates or sensitive materials to be processed perfectly. Another key feature here is the control of the contact pressure, which is dependent on the book height: the higher the book, the greater the pressure

Handy cleaning flap

Fast and convenient: The area under the saw carriage is easily accessible via flaps, allowing easy removal or vacuuming of cutting waste.

Clamps

- Robust clamps, all with two fingers
- Gentle positioning of material
- The bottom fingers of the clamps can be removed at any time to allow the back of the clamp to be cut in perfect alignment – a fast means of adjustment
- The contact pressure can be (manually) adjusted individually and irrespective of the book height for the material being processed
- The top fingers of the clamps do not exert any leverage; instead, they are lowered horizontally and their entire contact surface rests on the material. This increases the working depth and ensures material is held firmly
- Clamp activation prevents damage to panel edges (optional)
- Designed for continuous multi-shift operation

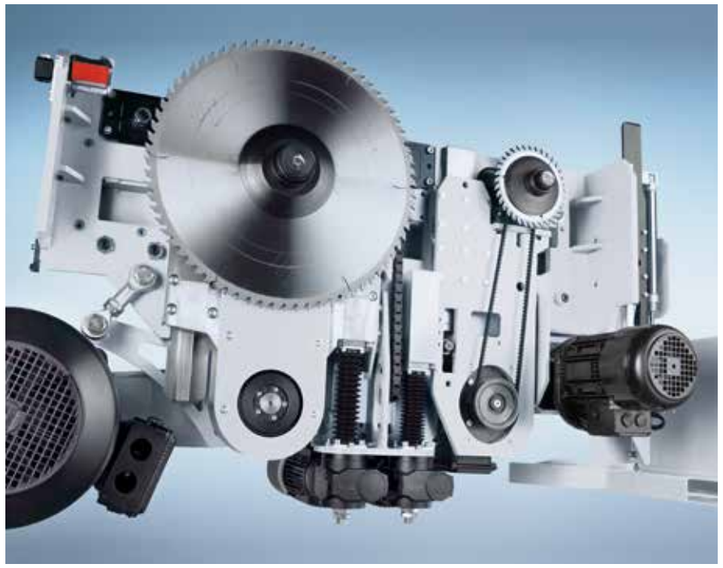
VIDEO:

Central side pressure device

Cleaning flaps

The saw carriage: high performance, low consumption

Exceptionally smooth running, high precision and low energy consumption are the hallmarks of the saw carriage developed for the 5 series.



Saw carriage

- Torsion-resistant, rugged and resilient basic design of the steel plate body to allow for maximum dynamics and precision
- Infinitely variable feed speed — for precision cutting of demanding materials
- Long-term accuracy of saw blade projection
- Fast, precise and infinitely variable positioning of the main saw blade by means of linear guide system with rocker arm
- Motorized lift with electrically driven ball-screw spindle for raising the main saw blade (available as an option for even more speed)
- All main and scoring saw parameters can be stored. This means that the saw blades can be fitted again after sharpening without needing any readjustments (available as an option if the scoring saw has a motorized lift
- Low-noise, maintenance-free main saw blade drive
- Spring-pressured running rollers (patented) mean that the running rollers are still positioned exactly after several years of use
- Light sensor with blower unit
- Easy-to-maintain design for minimum belt wear and simplified belt changes
- Fewer central and easily accessible lubrication points
- Innovative extraction technologies

Power-Loc system

Making it quick and easy to change the saw blade.

VIDEO:

Power-Loc

Illustrations may show the technical principle but not the precise machine variant described.
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Extremely stable and low levels of vibration thanks to SORB TECH

Panel dividing saws in the 5 series are designed to provide the highest level of precision despite extreme loads. This begins with the choice of material.

SORB TECH saw body

As a machine works faster, both the susceptibility to vibration and the noise level increase. For this reason, the saw body (machine support) in the 5 series is made of SORB TECH. This innovative construction material consists of hard stone of various grain sizes that, with the help of binders and special additives, combine to make a casting material that is tailored exactly to the requirements.

The result: even after many millions of load changes, the saw body is extremely torsion resistant, stress-free, quiet and stable, emitting only low levels of vibration.

- This enables the saw carriage and therefore the saw blades to run in an extremely precise manner
- Wear decreases and tool life increases – reducing the running costs
- Machine table at a comfortable working height
- Models in the 5 series are much quieter than other saws thanks to SORB TECH

THE BENEFITS OF SORB TECH

In comparison to designs with steel supports:

10 times higher vibration damping

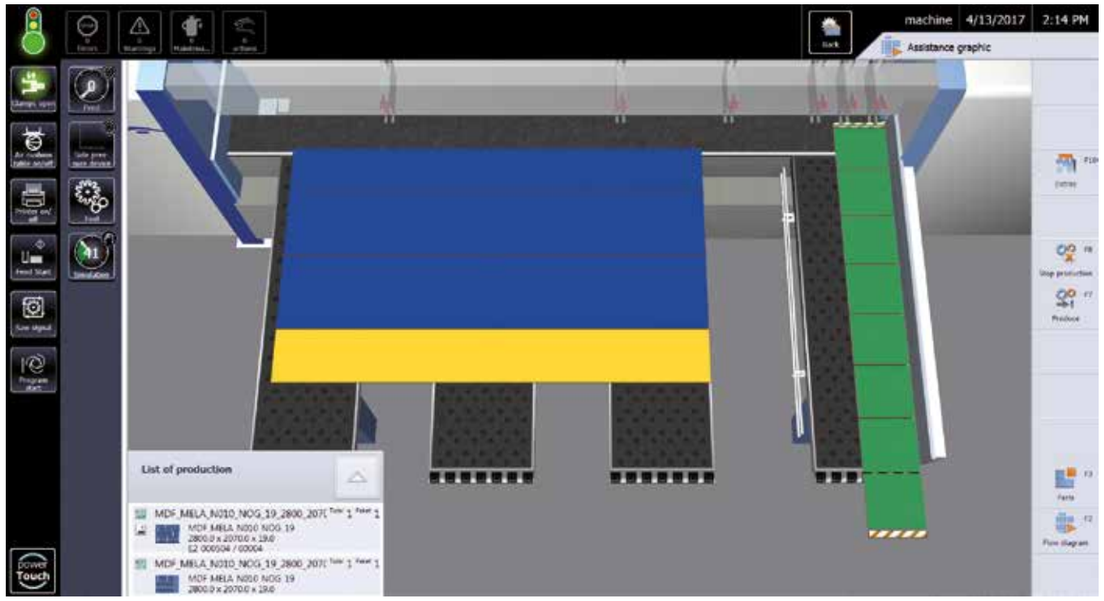
20% higher sound absorption

30% longer service life for saw blades

40% less primary energy needed for manufacturing processes

CADmatic 5 – intuitive to operate and open for digital networking

CADmatic 5 is the saw control system for today's networked world. Designed to tackle complex data streams yet nevertheless easy to use. This is ensured thanks to the intuitive operating concept and clear administrative functions. What's more, CADmatic 5 is open for communication with networked machines and software solutions via interfaces.



- 21" full-HD monitor with multitouch display in widescreen format
- The new 3D assistance graphic assists the operator
- powerTouch user interface
- Intuitively understandable operating software
- Simple handling via tapping and swiping (touch functions)
- Quick to switch between the individual sections
- Graphically supported diagnostics

Find out more in the "CADmatic" brochure.

VIDEO:

powerTouch

Even more technology – with the HPL and HKL 500

Panel dividing saws in the HPL and HKL series set themselves apart with their automatic feeding system and increased level of automation. In short: they work differently to the HPP 500 and require additional technical solutions, even in the standard version.

Powerful feeding system

- Panels are fed via an electrohydraulic four-column lifting table
- Automatic determination of book height
- Equipped as standard with longitudinal profiles and sensing device
- Also suitable for thin materials from 9.5 mm upwards. Suitable for materials from 3 mm upwards if equipped with the optional micro-feed and hold-back device
- Maintenance-free and no lubrication required

Transfer to cross cut saw (HKL 500)

- Cross transfer via underfloor carriage
- Energy-saving motorized aligner
- Rollers can be raised/lowered
- Alignment process with clamps, underfloor carriage and right-angled fence
- Length alignment device before the cross cut saw that can be raised/lowered

Separate backing wall

- Detached from the machine support to ensure precise cutting
- When stacks of panels are loaded, aligned and unstacked, this has no effect on the machine bed

Illustrations may show the technical principle but not the precise machine variant described.
For example, further optional features may be shown.

Pull-out and waste flap for the rip saw (HKL 500)

1 **Waste flap with rollers for automatic waste removal from the rip saw**

2 **Rip saw pull-out ensures easy onward transport, even when processing narrow strips**

Optional features

More technology for customized production down to the very last detail: These features allow you to supplement the functionality of your saw in line with your requirements – from adding a link to a storage system and the actual cutting processes to labeling and destacking. So you get exactly **YOUR SOLUTION.**

Loading solutions from S to XXL

Manually transporting materials from storage to the saw is extremely complex and time consuming. This process also requires a significant amount of space and is anything but gentle on materials. All the better then that tailored automation solutions are available from HOMAG for virtually all sizes of business – from simple feeding solutions via the lifting table to a large-scale storage control connection.

Large-scale storage control connection

HOMAG offers a range of high-performance solutions for large businesses and customers with strict automation requirements. What's more, the saws in series 5 are also open for connection to virtually all storage systems, ensuring the very highest level of performance.

Find out more in the “Handling solutions for cutting applications” brochure.

Illustrations may show the technical principle but not the precise machine variant described.
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Low-cost storage system integration

Not everyone who wants to work rationally and efficiently has to opt for the large-scale solution. HOMAG also offers storage integration solutions for small, up-and-coming trade businesses. These can be used to noticeably speed up your processes and save you money twice over.

- Small footprint
- Attractive price
- Movable in x and y directions
- Saw and storage system perfectly coordinated
- Perfect handling – even with just one machine operator
- Easy, ergonomic operation
- “Storage system controlling the saw” possible. With this system, the production sequence can be changed directly from the warehouse if making the change will speed up the production process as a whole

Panel labeling system

The innovation for saws with automatic storage control connection: The HOMAG panel labeling system labels the unprocessed panel before it is cut – independently of the saw, in non-productive time that previously went unused.

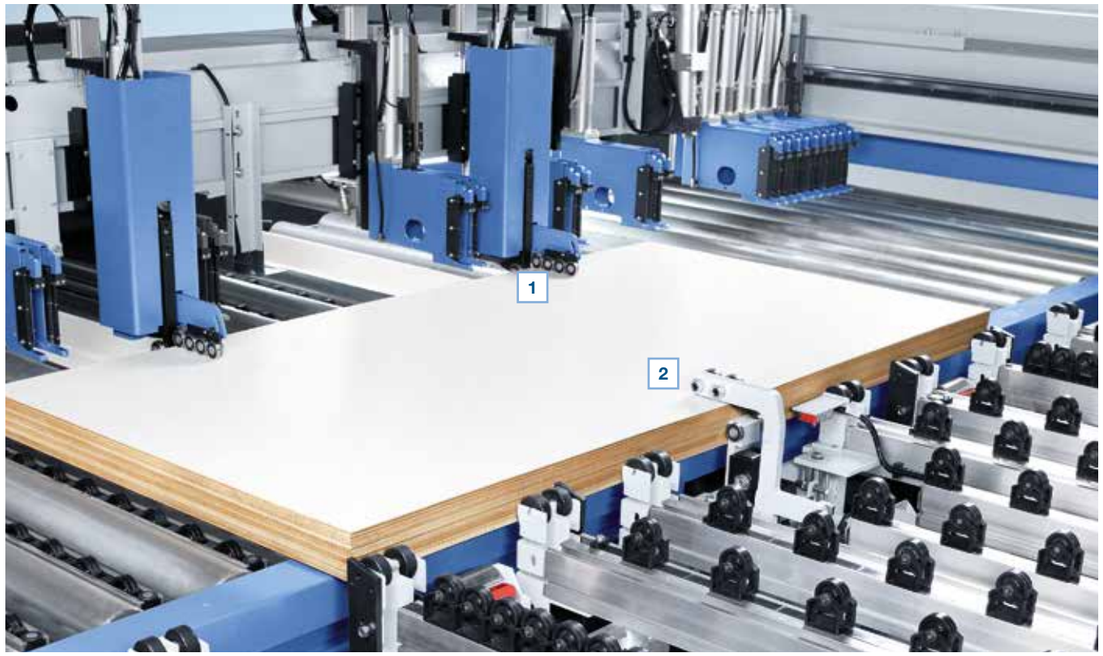
- Smallest part size 170 x 170 mm
- Up to 10 labels/min, optionally up to 15 labels/min
- Labeling independent of cutting process
- Saves time, because idle time can be utilized
- Optimizes handling during destacking, because all the parts are already labeled
- Simplifies and speeds up production processes
- Automated parts tracking
- Can be retrofitted
- For smooth processes

VIDEO:

Panel labeling system

High-tech, even on the rear machine table

The rear machine table of 5 series saws can be customized with additional technologies that are as useful as they are high quality.



Micro feed for thin panels (for HPL 500 and HKL 500 only)

The micro feed option allows thin panels from 6 mm upwards to be pushed onto the rear machine table (provided that their properties meet HOMAG specifications). Book height is measured by a non-contact, electromagnetic measuring system which is completely maintenance-free.

1 **Micro feed available in combination with the**

2 **hold-back device for thin panels from a thickness of 3 mm**

VIDEO:

Micro feed

Illustrations may show the technical principle but not the precise machine variant described. For example, further optional features may be shown.

Rotation device for headcuts

- Labor-saving device for operators
- With automatic aligning function
- Significant increase in output
- Process integrated perfectly in the machine cycle
- Less time required for preparation
- Easy operation

VIDEO:

Rotation device

Automatic ejecting device

- Pushes panel remnants from the rear machine table across the cutting line to the front
- You no longer need to reach into the cutting area
- Ergonomic

Automatic waste removal (for HKL only)

1 **Vibrating conveyor: Cutting waste that falls through the waste flap is collected here**

2 **Waste chopper: This cuts waste into small pieces, facilitating automatic removal of the cuttings**

3 **Elevating waste conveyor: Transports the waste to a container, for example**

Power Concept speeds up production

At the heart of this technology is a clamp that can be moved separately. Using this clamp, several strips with different cross cuts can be cut to length together, significantly increasing material throughput.

POWER CONCEPT

Up to 40% more output

Lower costs per cut

Significantly improved material flow

High material throughput

VIDEO:

Power Concept PROFESSIONAL

Power Concept PROFESSIONAL works with:

- An additional clamp that functions independently
- Clamps on the program fence that can be raised out of the work area if necessary
- Re-sorting the strips directly at the saw so that they are ideally matched to Power Concept PROFESSIONAL. This is based on existing optimization data for the shortest machining times

Simultaneous feeding and cutting without a separate infeed carriage:

The Power Concept PROFESSIONAL clamp positions the last strip at the cutting line while the program fence fetches the next panel or book of panels from the lifting table (HPL). Good to know: To ensure your machine operators can master the considerably faster pace of production with ease, we recommend combining systems with intelliGuide (page 36).

Additional advantages:

- Significantly shortened work cycles
- Attractively priced high-tech solution with minimum space requirement
- Precision cutting – even of very narrow strips

Illustrations may show the technical principle but not the precise machine variant described. For example, further optional features may be shown.

Small measure, big impact

It is often the smallest details that make the difference. After all, when these details come together, they can have a noticeable impact on the speed and ease of the production process.

Clamp activation

This option ensures panel edges are not damaged. Now also possible: Clamp activation in “Measuring” mode.

Extra-long cutting length

The HPP 500, HPL 500, and HKL 500 are also available with cutting lengths of 5600 mm or 6500 mm on request.

Additional clamps (not shown)

- For an even better grip on thin, narrow or smooth materials
- For increased material throughput

VIDEO:

Clamp activation

Pneumatically operated trim stops

The trim stops are attached to the clamps and are activated as needed by the CADmatic machine control.

- Robust
- Adjustable to common panel thicknesses
- Gentle handling of sensitive materials with overhanging covering layers
- Precise positioning

Trim stops

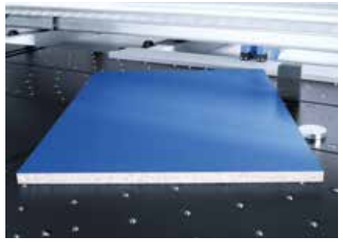
Dust-trap curtain on both sides

- Attached to the front and rear of the pressure beam
- Protects operators from dust
- Improves extraction
- Ideal for dust cuts

Illustrations may show the technical principle but not the precise machine variant described. For example, further optional features may be shown.

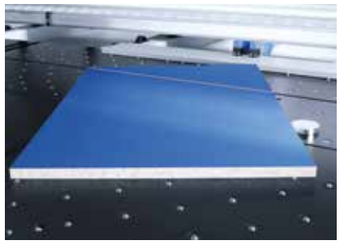
Solutions for special cutting tasks

Not only precise, but efficient. Under this banner, HOMAG offers you countless optional features for special cutting tasks. Simply select **YOUR SOLUTION.**



Manual angle cut

The angle cut device allows you to control angle cuts using the CADmatic control software.



Automatic angle cut device

This technology completes angle cuts fully automatically, after you have entered the respective data in the CADmatic control.

VIDEO:

Manual angle cut

VIDEO:

Postforming

Postforming

- Ascending scoring saw raised by a motor
- Ensures perfect cuts on soft-formed and post-formed parts
- Maximum saw blade projection: 55 mm
- Includes automatic adjustment

Cut-out and stress elimination cut

Stress in the material is released when it is cut and can affect the quality of dimensions and cuts. The stress elimination cut provides a solution here. Systematic preliminary cuts can be defined during optimization and release the tension in the material. The additional cut-out feature also allows you to produce both cut-outs and intermittent grooves in panels, as required for kitchen sinks or doors, for example.

Cut-out function

Stress elimination cut

Grooving and turbo grooving

These options save you an entire production step in post-processing. This is because your saw will also groove the panel material. The turbo grooving, or kerfing, option completes the grooves significantly faster than a processing center.

Kerfing

Illustrations may show the technical principle but not the precise machine variant described.
For example, further optional features may be shown.

dustEx: Making dust a thing of the past!

The more dust and chips that can be taken away during extraction, the better. After all, dust and chips can cause scratches on sensitive surfaces.

Patented dustEx technology

dustEx guides dust and chips on a direct route towards the extraction system. How does it work? Using combination air jets and an optimized extraction geometry at the right-angled fence. To complete the dustEx package, we recommend using a dust-trap curtain on either side of the pressure beam (page 31).

Fully equipped with nozzles: the machine table (included as standard with the HKL)

Anyone working with sensitive material or especially heavy panels and packages will benefit from the machine table being equipped with air jets throughout.

Light design (not shown)

Consists of the following options:

- LED illumination of the cutting line
- LED illumination of the saw blade change area
- LED illumination in the switch cabinet
- For simple, ergonomic working practices that protect the eyes

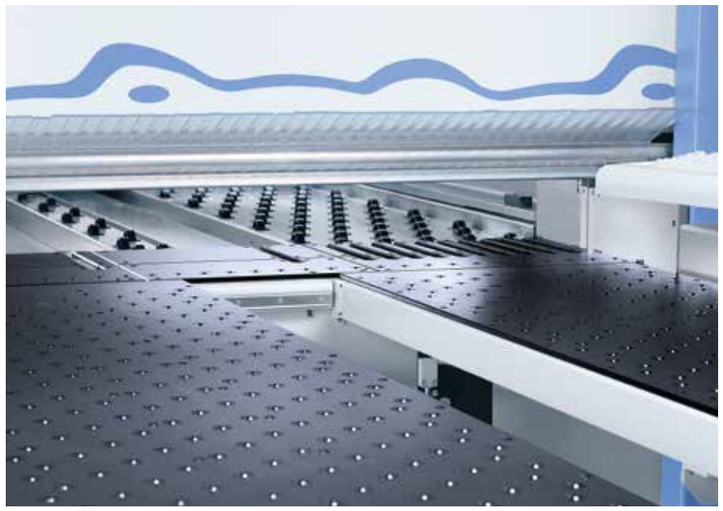
VIDEO:

dustEx

Illustrations may show the technical principle but not the precise machine variant described.
For example, further optional features may be shown.

Air cushions for ergonomic operation

How can your machine operators handle heavy or excessively long parts with ease, even those that are susceptible to scratches? With innovative, tailored machine tables and air cushion tables from HOMAG of course! The choice is yours.

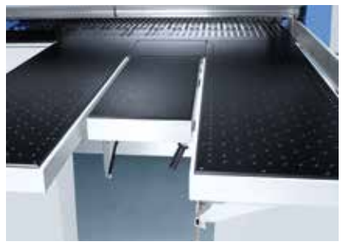


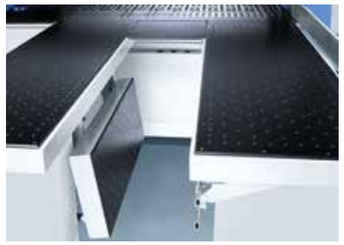
Movable air cushion table

The air cushion table is easily moved along linear guides and offers you a mobile work surface and storage area. It allows you to move small panels, large panels or books of panels more ergonomically and with less risk of damage.

Extended air cushion tables (not shown)

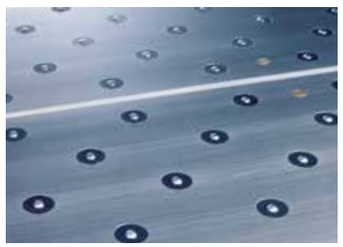
- Extended from 2160 mm to 2810 mm
- Greater freedom of movement
- Better connection to destacking systems
- Very useful when cutting large-format panels





Tiltable air cushion table

- Prevents thin materials from sagging
- Increases the work surface
- Primarily for large panels
- Folds down for easy access to the cutting line



Anodized aluminum machine bed plates

The special coating ensures exceptionally gentle material handling. Ideal for materials with highly sensitive surfaces.

Additional start-stop button

- Allows the program sequence to be started independently of the operator control panel
- Equipped with an emergency stop button

VIDEO:

Air cushion tables

Operator guidance:
A smart, innovative approach with intelliGuide

intelliGuide is the first assistance system in the history of panel dividing technology to allow saws to respond flexibly and intelligently to the actions of the machine operator. The assistance system becomes more intelligent with each stage of expansion: from intelliGuide basic, to advanced, right through to professional. So you get exactly **YOUR SOLUTION.**

General benefits of intelliGuide

- Completely intuitive machine operation
- Systematic means of avoiding errors
- Fast processes: Operator and saw work in tandem and no longer slow each other down
- The operator can work through the cutting pattern without looking at the monitor
- Fluid, ergonomic processes for efficient and concentrated work
- Smooth change of operator possible at any time

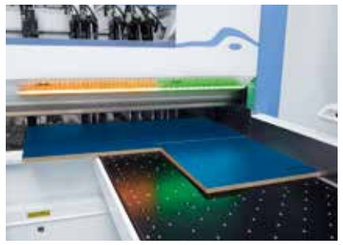
VIDEO:

intelliGuide

The foundation:

1. CADmatic 5

intelliGuide is the result of a long period of technical evolution. It all started with the CADmatic saw control system: software that has since become indispensable. The new version of the software, CADmatic 5, is now more focused on the user than ever before. This is thanks to a new assistance graphic in CADmatic 5 that clearly shows operators the next step they have to perform. Compared to the previous process graphic that showed all work steps on the saw directly (and can still be called up if required), this new graphic heralds a 180-degree change in perspective!



intelliGuide basic:

1. CADmatic 5

2. LED strip at the cutting line

- Colored LED signals at the cutting line allow intuitive operation and a speedy and safe way of working
- Using the colored LED elements, machine operators can immediately see if a part has been fully processed, needs to be cut again or can be disposed of as a waste part
- Based on the LEDs that are lit up, the operator can determine whether the workpiece being inserted meets the required specifications

intelliGuide advanced:

1. CADmatic 5

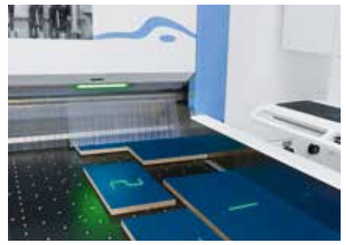
2. LED strip at the cutting line

3. Camera

- The system uses this camera to see which strip or part the operator has deposited and how the part has been aligned
- If the intended part is not deposited, intelliGuide responds to the change of plan in a flexible manner
- If the change does not necessitate further action, the saw simply begins working. Otherwise, intelliGuide provides the operator with feedback and instructions.

4. Illumination

- Enhances safety and quality by ensuring the workplace and workpieces are evenly lit
- Improves the appearance of the workplace and makes it even more ergonomic



intelliGuide professional:

1. CADmatic 5

2. LED strip at the cutting line

3. Camera

4. Illumination

5. Laser

- Projects clear information regarding processing and handling directly onto the current workpiece
- Arrows, for example, indicate the direction in which a panel needs to be turned and how it needs to be positioned. An X means that the wrong part has been inserted. The trash can icon indicates waste parts
- In short: thanks to the self-explanatory symbols and icons, operators always know which step they need to perform next and can immediately take the appropriate action

More software, greater efficiency and control

Do you want to produce even more efficiently and monitor production processes with greater ease?
You will find the right technology and software solutions for your cutting application here.

Label printer

The label printer from HOMAG allows you to print customized labels directly at the saw and design them to include bar codes, text and graphics if required. If you also use our Cut Rite optimization software, the material goes directly to the next process step with printed instructions. In this way, you can integrate the saw perfectly in your production flow.

Cut Rite cutting optimization software

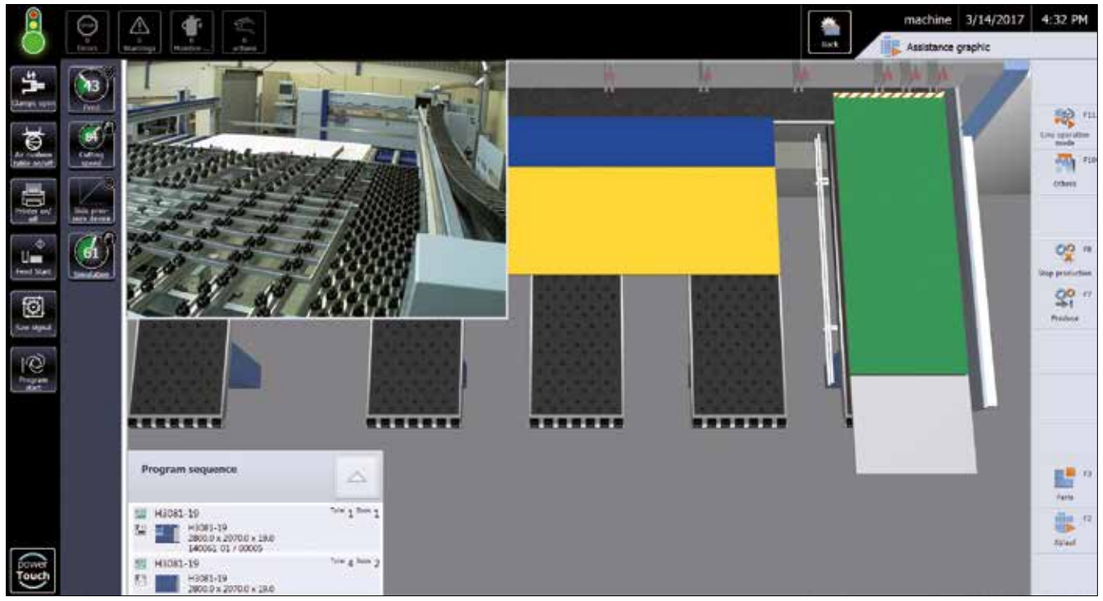
Efficiency through planning: This short phrase sums up the key benefits of the Cut Rite software. With this world-leading software solution, you can optimize waste and systematically lower the overall costs of cutting.

- Optimized project control
- Efficient cutting processes
- Full control of costs
- Faster calculations

Find out more in the HOMAG “Cut Rite” brochure.

Add-on module CADplan

As an alternative to the comprehensive Cut Rite optimization software, CADplan, an add-on module for CADmatic, can also be used to perform small optimization jobs on the saw itself.



Everything in view – with video monitoring

- Display of the camera image via CADmatic control software
- You always have the rear machine table and feed system in view
- Camera pictures can be recorded on request for error diagnostics and workflow optimization purposes and sent to the HOMAG Service department

Patented: camera-controlled scoring saw adjustment

This option allows the scoring saw to be adjusted fully automatically. Manual adjustment is still possible – controlled by the software via input on the touchscreen.

Its strengths:

- Optimum measuring results: The camera selects the color of lighting and the exposure time itself
- The simple adjustment takes no longer than a minute
- High-precision setting

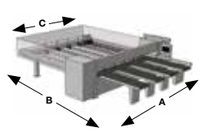
VIDEO:

Manual labeling

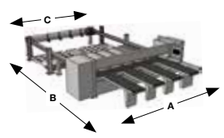
Illustrations may show the technical principle but not the precise machine variant described. For example, further optional features may be shown.

TECHNICAL DATA*			
Model	**HPP 500**	**HPL 500**	**HKL 500**
Saw blade projection (mm)	150 (optional: 170)	150 (optional: 170)	150 (optional: 170)
Cutting length/width (mm)	3200/3800/4300/5600/6500*****	3200/3800/4300/5600/6500*****	Rip saw: 3200/4300/5600 Cross cut saw: 2200/2700
Lift table width (mm)	–	2200	2200
Program fence speed (m/min)	90**	90**	Rip saw: up to 90 Cross-cut saw: up to 130**
Saw carriage speed (m/min)	up to 130 (150 as an option)	up to 130 (150 as an option)	up to 130 (150 as an option)
Main saw motor (kW)	50 Hz: 18 (36 as an option) 60 Hz: 18 (42 as an option)	50 Hz: 18 (36 as an option) 60 Hz: 18 (42 as an option)	50 Hz: 18 (36 as an option) 60 Hz: 18 (42 as an option)
Scoring saw motor (kW)	2.2	2.2	2.2
Average total air demand (Nl/min)	240	240	460
Required compressed air supply (bar)	6	6	6
Extraction (m^3/h)	6000 (7200****), 26 m/sec	6000 (7200****), 26 m/sec	13,100, 26 m/sec
Max. stack height without pit (mm)	–	660 (up to 4300 cutting length) 550 (from 5600 cutting length)	560 (up to 4300 cutting length) 450 (up to 5600 cutting length)
Max. stack weight (t)	–	4	4
Processing height (mm)	1020	1020	920
Air cushion tables (mm)	3/3/4/5/6 x 2,160	3/3/4/5/6 x 2,160	2 x 2,160

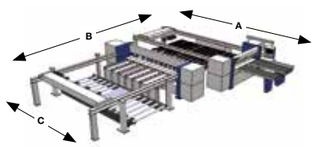
* Values refer to the standard version
** Forwards 25 m/min
*** Dim. A: incl. 64 mm for suction nozzles, Dim. C: Standard program fence width; there are wider dimensions for the lifting table on HPL and HKL machines
**** For the 6500 mm cutting length
***** Only available in right-handed version
****** Maximum width that can be aligned



MACHINE DIMENSIONS***			
HPP 500	**A (mm)**	**B (mm)**	**C (mm)**
HPP 500 32/32	6235	6693	3660
HPP 500 38/32	6795	6693	4220
HPP 500 38/38	6795	7293	4220
HPP 500 43/32	7385	6693	4810
HPP 500 43/38	7385	7293	4810
HPP 500 43/43	7385	7843	4810
HPP 500 56/56	8735	9843	6160
HPP 500 65/65	9735	10,908	7160



MACHINE DIMENSIONS***			
HPL 500	**A (mm)**	**B (mm)**	**C (mm)**
HPL 500 32/16	6235	9318	3660
HPL 500 38/22	6235	10,078	3660
HPL 500 38/16	6795	9318	4220
HPL 500 38/22	6795	10,078	4220
HPL 500 43/22	7358	10,078	4810
HPL 500 56/22	8735	11,418	6160
HPL 500 65/22	9735	12,308	7160



MACHINE DIMENSIONS***			
HKL 500	**A (mm)**	**B (mm)**	**C (mm)**
HKL 500 32/22	9170	13,850	3636
HKL 500 43/22	10,320	13,850	4786
HKL 500 56/22	11,670	13,850	6136
HKL 500 56/27	11,670	16,190	6136

LifeCycleServices

HOMAG LifeCycleService

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

HOMAG finance
– tailor-made financial solutions

- 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 person will take care of the whole process
- The benefits for you: You can invest in new technologies without delay, while remaining financially flexible

1200

service staff worldwide.

650

spare parts orders processed per day.

85.2%

fewer on-site visits due to successful remote diagnostics.

>150,000

machines electronically documented in 28 languages in eParts.

Remote service

- Hotline support via remote service for the control system, mechanics, and process technology. This results in 85.2% fewer on-site service visits!
- Mobile applications such as ServiceBoard reduce costs by providing fast assistance in the event of malfunctions via mobile live video diagnostics, online service messages, and the online eParts replacement part shop

Spare part service

- Identify, request and order spare parts 24/7 via www.eParts.de
- Parts available worldwide through local sales and service companies, as well as sales and service partners
- Reduction in downtimes due to specific replacement part and wear part kits

Modernization

- Keep your machine pool up-to-date and increase both the productivity and product quality. This means that you can meet future product requirements today!
- We provide support through upgrades, modernizations, and individual consultations and development

Training

- Thanks to training that is precisely tailored to your needs, your machine operators can operate and maintain HOMAG machines as efficiently as possible
- You will also receive customer-specific training material with tried-and-tested exercises

Software

- Telephone support and advice from Software Support
- Digitalization of your sample parts using 3D scanning saves time and money in comparison to reprogramming
- Retrospective networking of your machine fleet with intelligent software solutions from design through to production

Field service

- Increased machine availability and product quality thanks to certified service personnel
- Regular checks through maintenance/ inspection ensures that your products are of the highest quality
- Minimized downtimes in the event of unforeseeable malfunctions due to the high availability of our technicians

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