

Keen on Small Quantities



For Everyone with Big Plans

The 2 Series from HOLZMA was designed for companies that are looking to upgrade from a sliding table saw or vertical saw and that need precise cutting in small batches. Plenty of power and functionality at a low cost see to that. The extremely compact HPP 230 presents convincing efficiency and performance. The completely redesigned HPP 250 goes one step further. Faster, more compact and even better than its globally successful predecessor, the HPP 250 offers enormous flexibility and a wide range of optional extras. But best of all, both models are available at a price that makes it particularly attractive to enter the league of horizontal beam saw users.



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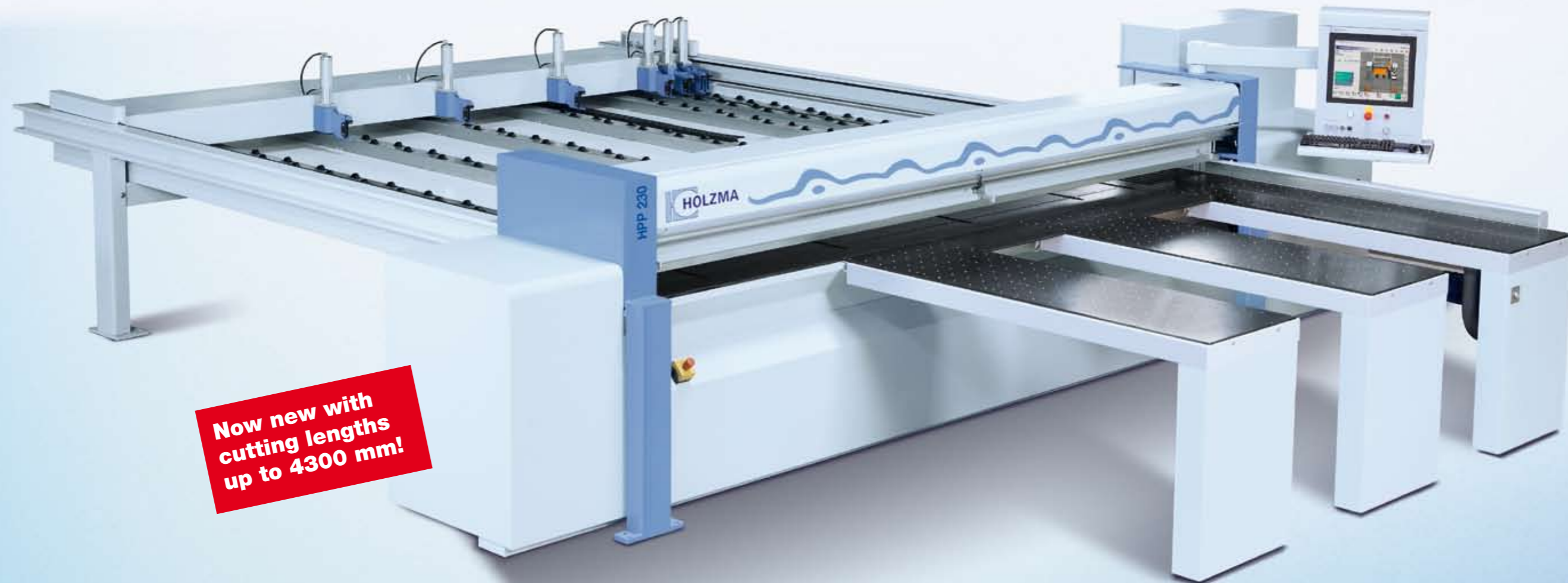
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HPP 230 – the Smallest Horizontal Beam Saw

The new HPP 230 combines power, reliability and functionality in the smallest of spaces. An innovation which will help you complete your customers' orders quickly and efficiently. The standard version of the HPP 230 offers impressive state-of-the-art technologies. A lot of machine for little money. Optional extras allow it to be exploited to its full potential as and when the need arises. An investment that pays off!

HPP 230 at a Glance

- compact price, compact size, genuine HOLZMA technology and quality
- speed gives a competitive edge, shorter cutting cycles mean free capacity of personnel
- numerous optional extras provide even greater efficiency



The new HPP 250 – Faster, more Compact, even Better

The HPP 250 has for years been the champion among small horizontal beam saws. A successful model that HOLZMA has now once again improved. The result: significantly shorter cutting cycles, smaller footprint and increased quality. That makes the HPP 250 more than ever the ideal choice for cutting smaller batches and books fast. The many optional extras leave plenty of scope for more.

The new HPP 250 at a Glance

Faster

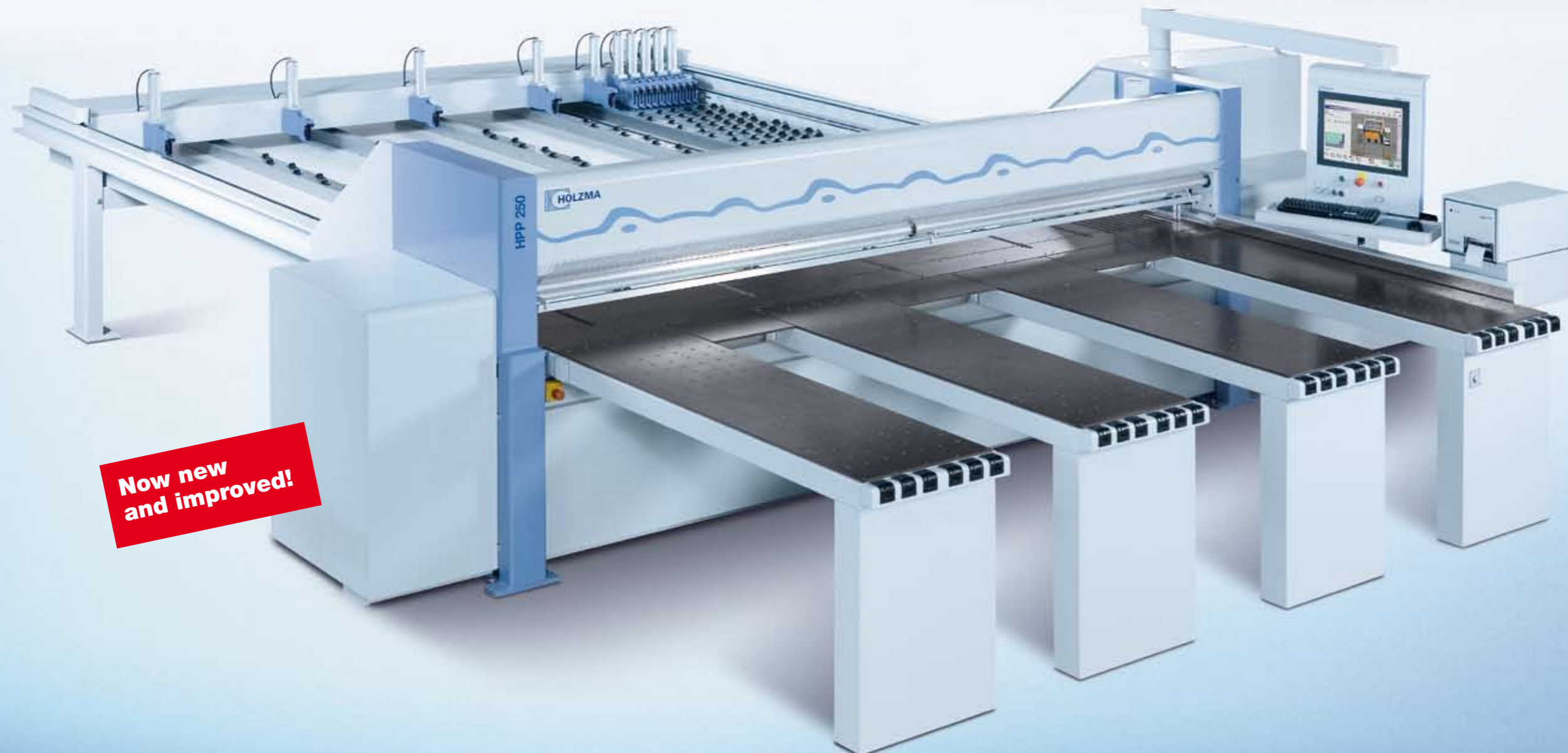
- shorter cutting cycles thanks to faster saw carriage speed

More Compact

- smaller footprint with increased performance

Even Better

- greater precision due to rack and pinion saw carriage drive
- flexible pressure regulation for clamps and pressure beam
- CADmatic 4 PRACTIVE with 3D moving graphics



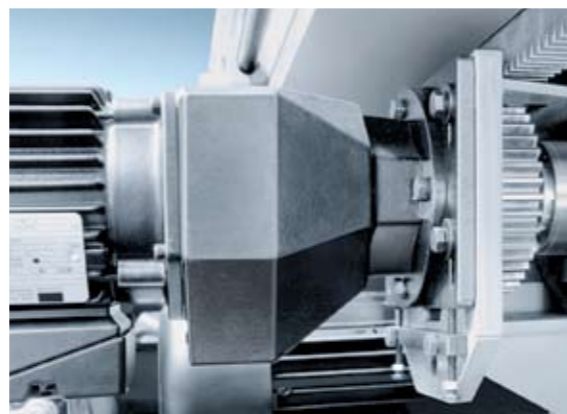
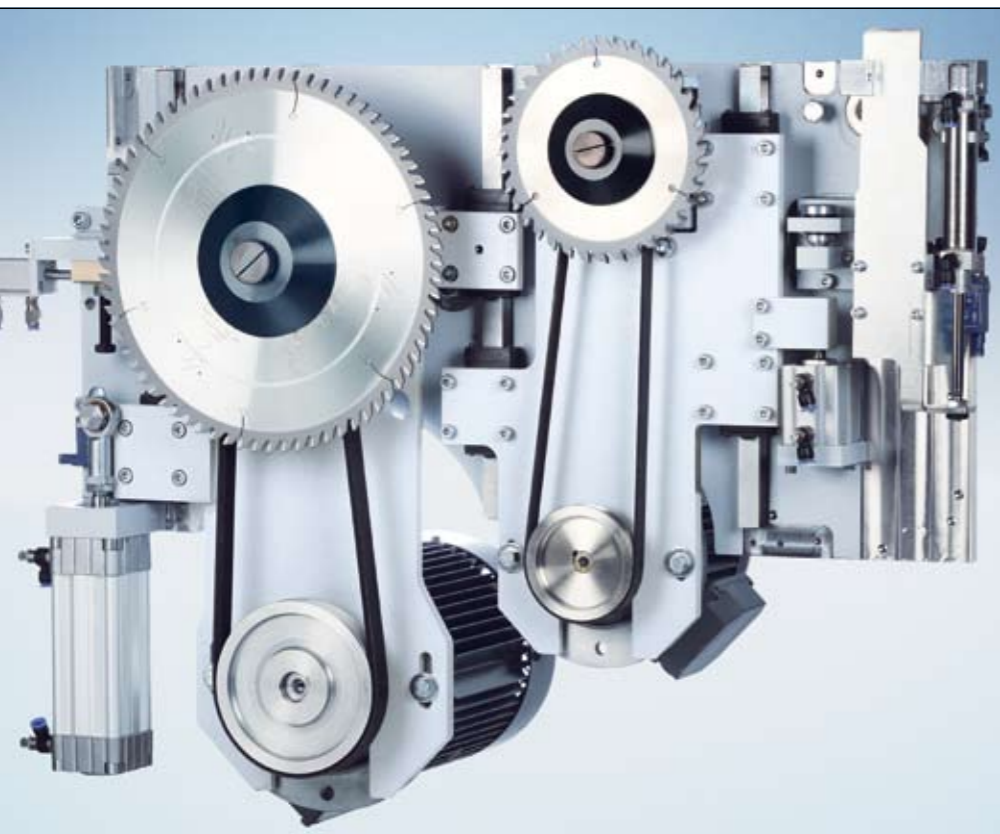
**Now new
and improved!**

High Tech as Standard – Standard Features

Why a HOLZMA? That's quite obvious: because first-class quality and state-of-the-art technologies are standard here. This also applies for the 2 Series. Your advantage: the standard models are equipped with state-of-the-art high-tech systems that make your work more efficient. The results speak for themselves!

Power-Loc

The really easy-to-use fast-change system speeds up blade changes on main saw and scoring saw.



Control Tailored to Your Needs – CADmatic 4 PRACTICE

Developed especially for production processes in panel sizing technology, this controller software provides optimised processes. The machine's potential is exploited to the full with:

- intuitive operating software
- 17" TFT flat screen monitor
- automatic adjustment of the scoring saw blade for the HPP 250, manual adjustment for the HPP 230
- online diagnostics



The Heart of the Saw

The saw carriage consists of a heavy-duty steel construction with main saw, scoring saw and central aligner.

Its strengths:

- infinitely variable saw carriage speed
- low-noise, maintenance-free rack and pinion drive
- fast saw blade change thanks to Power Loc
- easy adjustment of the scoring saw

Manual Pressure Regulation (only for the HPP 250)

The standard HPP 250 comes prepared for cutting pressure-sensitive panels. You simply adjust the pressure for the clamps and pressure beam by means of the manual control to suit your particular panel material.



Program Fence: Precision and Dimensional Accuracy

The compact, electronically controlled program fence with clamps and precision guide has an electro-magnetic measuring system that guarantees positioning accuracy of +/- 0.1 mm. This allows minimal trim and dust cuts. The measuring system entails absolutely no wear and no maintenance.

Rugged Pressure Beam for First-Class Cut Quality

The large-area pressure zone directly at the cutting line allows vibrations to be reduced to a minimum. Chip-free cuts in books are the result.

HOLZMA Patent: Central Side Aligner

- Time is money, that's why HOLZMA has integrated the side aligner directly in the saw carriage. That cuts cycle time by up to 25%.
- Contact pressure is continuously variable, allowing even thin boards, laminates or sensitive materials to be cut perfectly.
- The side aligner can travel the entire cutting length.

Extras Tailored to Your Needs – Optional Extras

Anyone facing special challenges needs made-to-measure solutions. That's why HOLZMA also offers optional extras for the 2 Series, enabling you to match performance and functionality of your HOLZMA exactly to your production requirements. That way the payback period on your investment is even shorter.

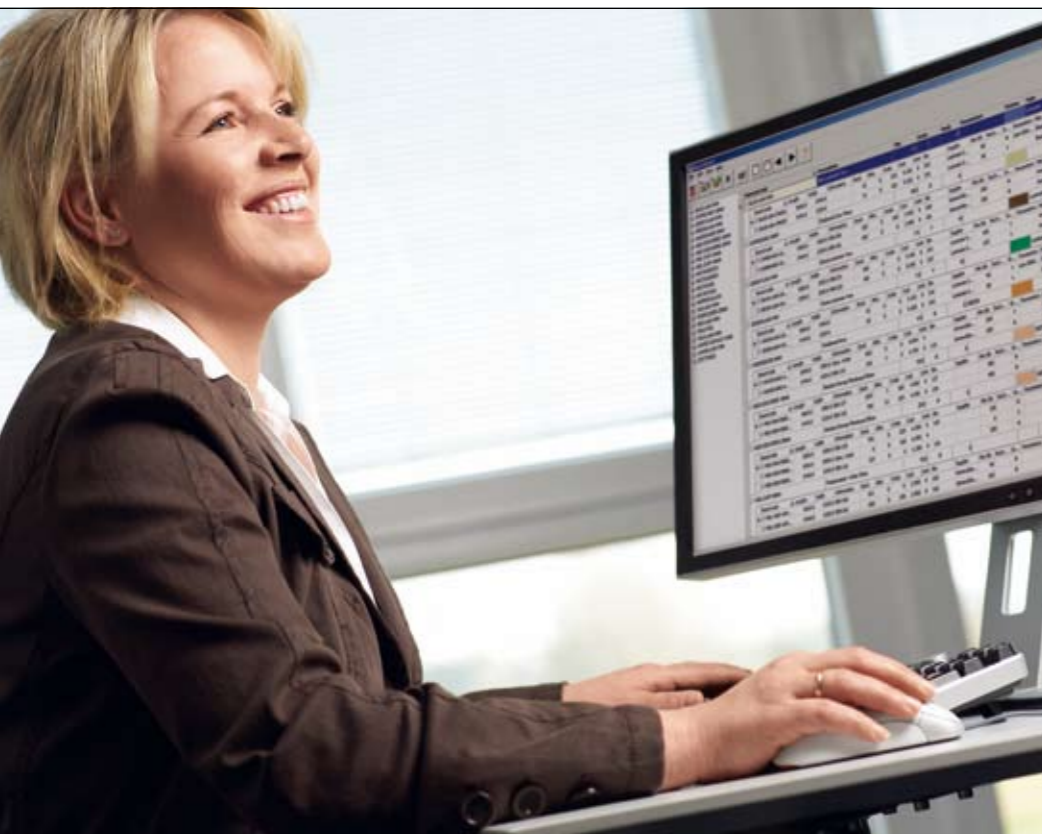
Kerfing and Grooving

This optional extra allows you to groove directly with the beam saw. That saves time and expedites processing.



Label Printer

HOLZMA's label printer facilitates an efficient workflow. You can print labels directly at the saw and design them to include barcodes, text and graphics, if so desired. And if, in addition, you use our Cut Rite optimisation software, instructions for downstream CNC machining can also be included on the labels.

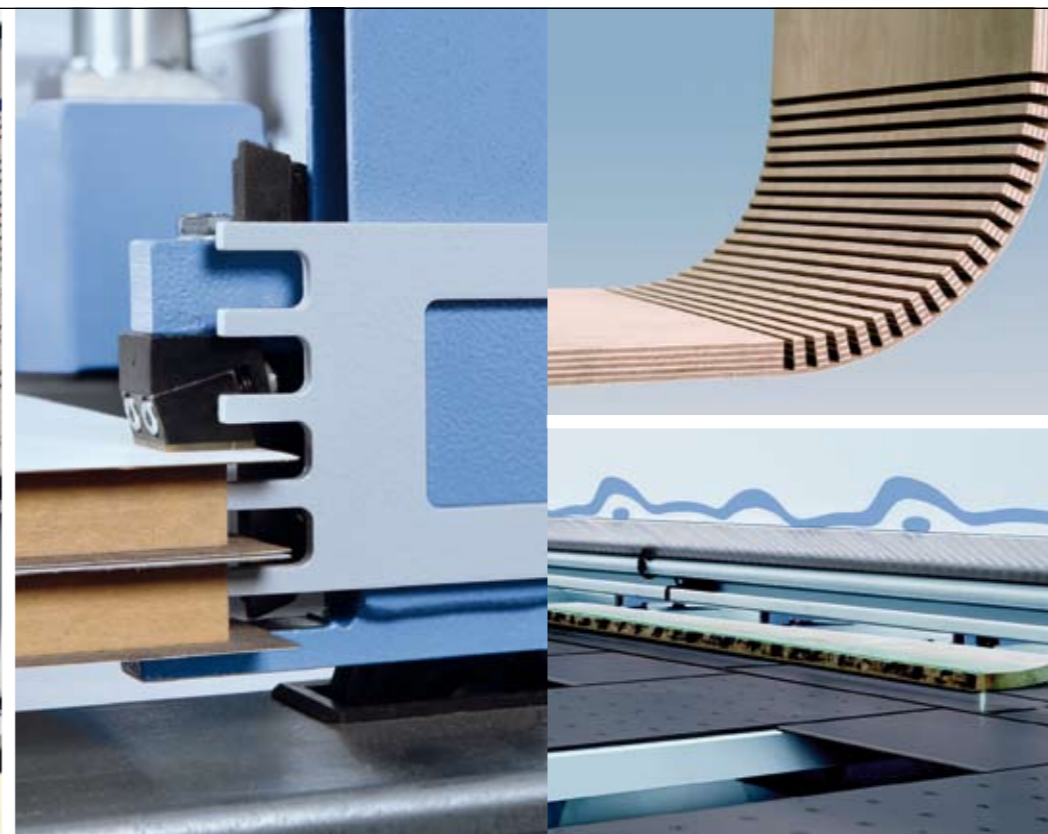


Optimisation in the Office

With its excellent optimisation software Cut Rite, HOLZMA caters for top performance and higher efficiency in panel sizing technology.

- optimised project control
- efficient cut-to-size processes
- full control of costs
- fast calculations

As an alternative to the comprehensive Cut Rite optimisation software, the CADmatic add-on module CADplan can be used to perform small optimisation jobs directly at the saw



Trim Stops for Special Materials

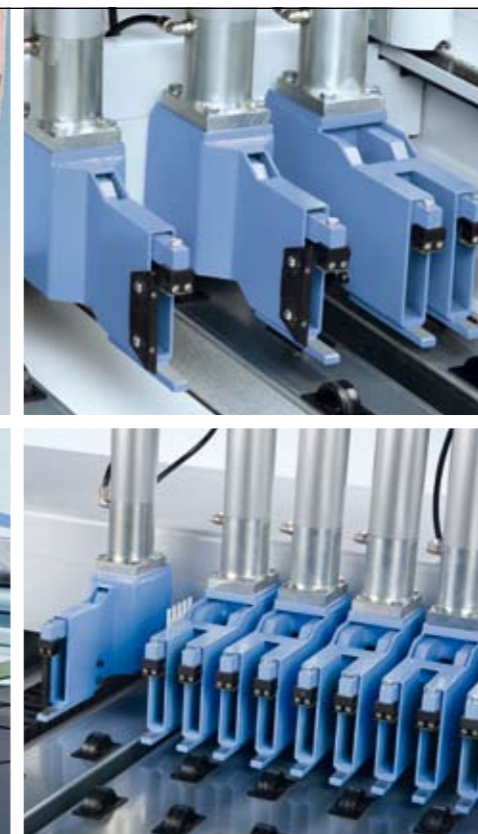
With these, your HOLZMA can also master materials with overhanging laminates or veneers. The trim stops are integrated in the clamps and are simply flipped forward when required:

- exact positioning
- gentle handling of sensitive materials with overhanging laminates or veneers

High-Precision Laser Alignment

Accurate cuts require exact positioning. This is important, for example, when cutting solid wood panels. HOLZMA's purpose-designed laser guide line option provides assistance.

- exact positioning right down the line
- ideal for positioning solid wood panels



Additional Clamps

So that your HOLZMA can securely hold even big, thin or smooth panels.

More Power for the Main Saw

Both models can be equipped with a more powerful main saw motor. That way you can increase the power for a HPP 230 from 5.5 kW to 7.5 kW; for a HPP 250 from 7.5 kW to 9.2 kW.

Gentle Material Handling

Additional rollers at the edge of the air table ensure especially gentle handling of material and lessen the effort required.

Performance Package

HOLZMA now also offers attractively priced option packages especially for sensitive panel materials.

Clamps: Perfection Down to the Last Detail

HOLZMA's heavy-duty clamps hold the material firmly but gently and position it accurately on the cutting line.

HPP 230 (top picture), HPP 250 (bottom picture) with optional clamps in positions 3 and 5.

Extras Tailored to Your Needs – Optional Extras

As far as functionality is concerned, the 2 Series leaves nothing to be desired. Thanks to exclusive optional extras that really personalise your HOLZMA. Just take your pick and exploit the full potential. You'll be astonished.



Manual Angle Cut Device

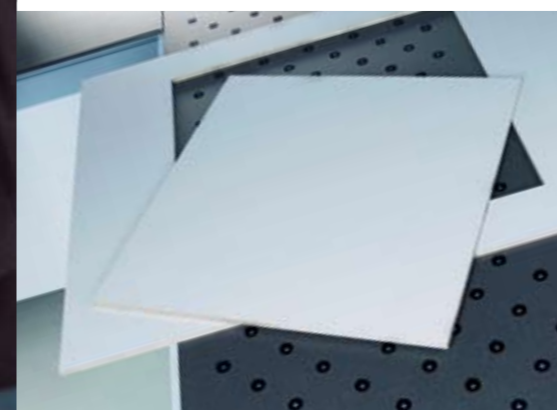
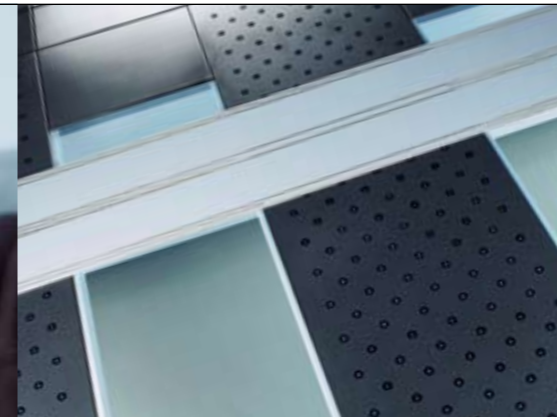
(only for the HPP 250)
Allows you to perform precision angle cuts simply via the CADmatic, quickly, conveniently and accurately.



The Perfect Postforming Cut

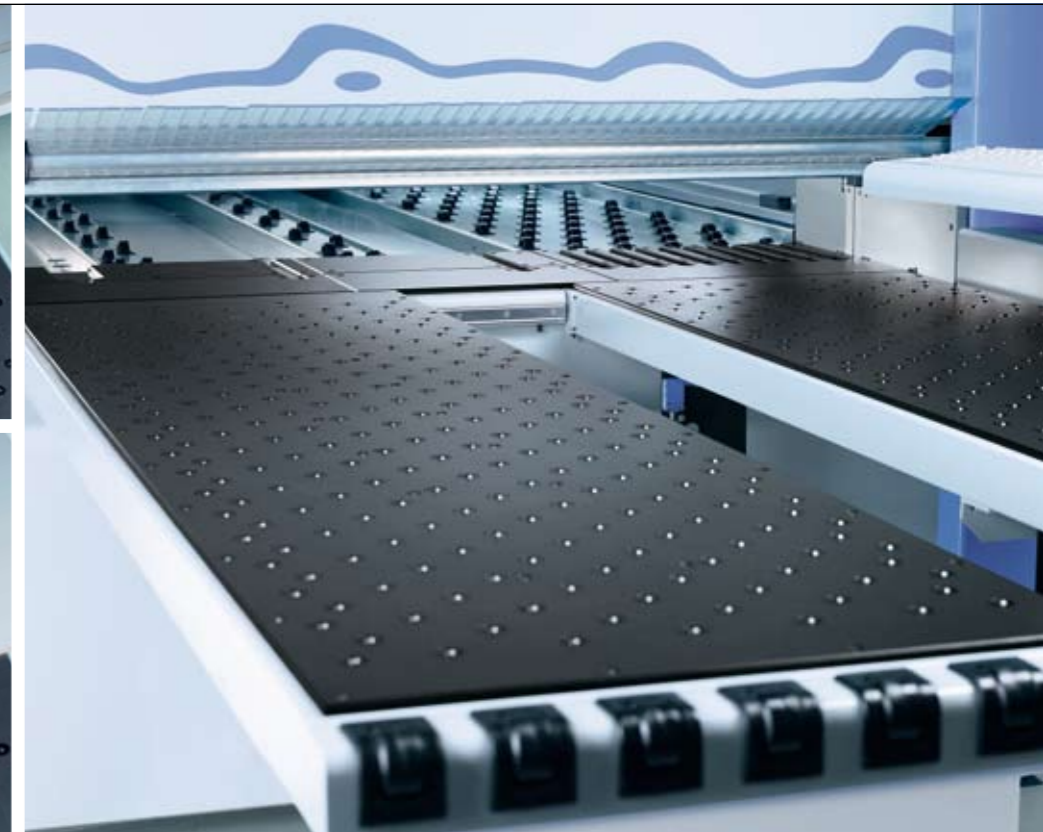
(only for the HPP 250)

The rising scoring saw unit allows you to make first-class softforming and post-forming cuts.



Cut-Out and Stress-Release Cut

Tension in the material is released when it is cut and can affect the quality of dimensions and cuts. HOLZMA's stress-release cut option remedies this – systematic preliminary cuts eliminate the tension in the material. The additional cut-out feature allows you also to produce both cut-outs and inserted grooves in the panels, as are required, for example, for kitchen sinks.



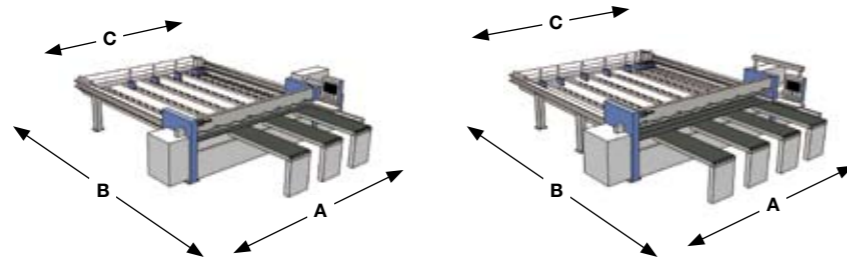
Movable Air Table

(only for the HPP 250)

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

HOLZMA's 2 Series at a Glance

Size, performance, features: Here you can find the most important technical data for the HPP 230 and the HPP 250 at a glance. If you would like to know more, your HOLZMA sales advisor will be pleased to give you more information.



Technical Data *

	HPP 230	HPP 250
Saw blade projection	55 mm (2.17")	75 mm (2.95")
Cutting length	3 100/3800/4300 mm (122"/150"/169")	3 100/3800/4300 mm (122"/150"/169")
Program fence speed	40 m/min** (131 ft/min)	60 m/min** (196 ft/min)
Saw carriage speed	5-60 m/min (16-169 ft/min)	5-100 m/min (16-328 ft/min)
Main saw motor	5,5 kW (7.5 HP)	7,5 kW (10 HP)
Scoring saw motor	1,1 kW (1.5 HP)	1,1 kW (1.5 HP)
Main saw blade	350 x 4,4 x 75 mm (13.78")	350 x 4,4 x 75 mm (13.78")
Scoring saw blade	200 x 4,4 - 5,4 x 45 mm (7.87")	200 x 4,4 - 5,4 x 45 mm (7.87")
Control software	CADmatic 4 PRACTICE	CADmatic 4 PRACTICE
Monitor	17" TFT flat screen monitor	17" TFT flat screen monitor
Total air requirement	140 NI/min (4.94 cfm)	150 NI/min (5.3 cfm)
Required air pressure	6 bar (87 psi)	6 bar (87 psi)
Dust extraction	4400 m³/h, approx. 25 m/sec (2589 cfm)	4400 m³/h, approx. 25 m/sec (2589 cfm)
Total connected load	10 kW (13.6 HP)	14 kW (19 HP)

* Values refer to the standard version

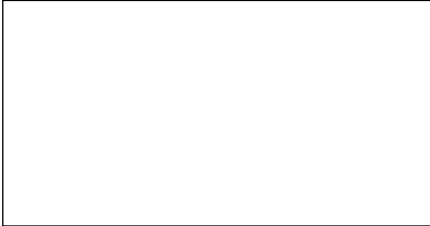
** In EU countries forward speed is restricted to 25 m/min

Machine dimensions

Machine model	A	B	C
HPP 230/31/31	5 122 mm (201.6")	6 051 mm (238.2")	3 417 mm (134.5")
HPP 230/38/38	5 822 mm (229.2")	6 751 mm (265.8")	4 117 mm (162.1")
HPP 230/43/43	6 322 mm (248.9")	7 251 mm (285.5")	4 617 mm (181.8")
HPP 250/31/31	5 122 mm (201.6")	6 051 mm (238.2")	3 417 mm (134.5")
HPP 250/38/31	5 822 mm (229.2")	6 051 mm (238.2")	3 417 mm (134.5")
HPP 250/38/38	5 822 mm (229.2")	6 751 mm (265.8")	4 177 mm (164.5")
HPP 250/43/31	6 322 mm (248.9")	6 051 mm (238.2")	3 417 mm (134.5")
HPP 250/43/38	6 322 mm (248.9")	6 751 mm (265.8")	4 177 mm (164.5")
HPP 250/43/43	6 322 mm (248.9")	7 251 mm (285.5")	4 617 mm (181.8")



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