

Panel dividing saws of the 1 series
HPP 130





HPP 130 panel dividing saw – precision at an unrivaled price

The smallest HOMAG panel dividing saw, the HPP 130, costs little more than a well-equipped circular saw while providing a much more precise and efficient cutting process. This is ensured by proven technologies as well as a sawing concept that is consistently aligned with trade practice. In brief: The HPP 130 allows you an easy entry into the world of precision manufacturing, giving you exactly **YOUR SOLUTION**.

Find out more here: www.homag.com

VIDEO:



HPP 130

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Small but powerful – the HPP 130

The motto of the HPP 130 is “buy, connect, and experience precision”. As standard, HOMAG equips this panel dividing saw with everything you need for high-precision cutting of single panels and small series. This saves you having to evaluate various technical solutions and you can start using your new HOMAG machine straight away. It doesn't get any easier than this.



THE HIGHLIGHTS

- 60 mm saw blade projection
- 3 air cushion tables, each with a width of 500 mm, for easy and gentle panel handling
- HOMAG CADmatic control software
- Including protective equipment



Excellent performance is the sum of many high-tech solutions

Speed, quality and precision in cutting are only possible if the panel material is moved quickly, gently and precisely. On the HPP 130, this is ensured by numerous technologies in the standard features that smoothly interact with one another – from the program fence and pressure beam to the clamps and patented side pressure device.



HOMAG patent: central side pressure device

- Directly integrated in the saw carriage. This reduces the cycle times by up to 25% in comparison with conventional systems
- The contact pressure is infinitely variable – ideal for thin panels, laminates or sensitive materials

Saw carriage

The saw carriage is a robust steel construction with a main and a scoring saw as well as a central side pressure device.

- Maintenance-friendly: one motor for the main and scoring saw
- Innovative system for raising and lowering the main and scoring saw blades
- Excellent work results, accurate and precise

Further strengths:

- Infinitely variable feed speed
- Highly precise but with low noise
- Fast saw blade change thanks to Power-Loc
- Saw carriage speed up to 60 m/min
- Manual scoring saw blade adjustment



Power-Loc

The quick-release system, which is very easy to operate, means that you can change saw blades on the main and scoring saws faster.



Additional start/stop button

A very practical and ergonomic solution – in particular for cutting long strips or large panels that make access to the control panel difficult.



Clamps: perfection down to the last detail

The robust clamps position the material gently and precisely at the cutting line.

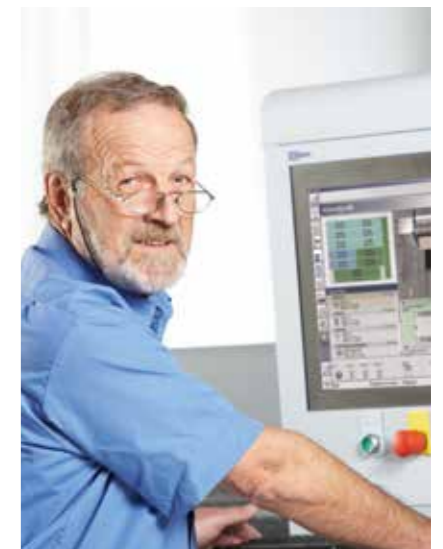


Program fence for precision and dimensional accuracy

The compact electronically controlled program fence with clamps and a precise guide has an electromagnetic measuring system that guarantees positioning accuracy of +/- 0.2 mm. Even minimal trim and dust cuts are possible. The measuring system is entirely wear and maintenance-free.

Rugged pressure beam for first-class cutting quality

The large-area pressure zone directly at the cutting line reduces vibrations to a minimum. The result is precise cuts, for books too.



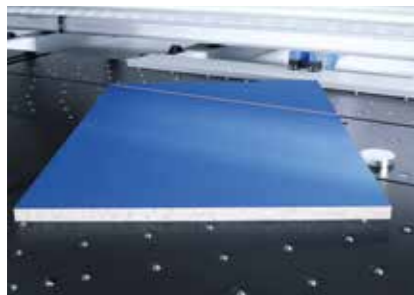
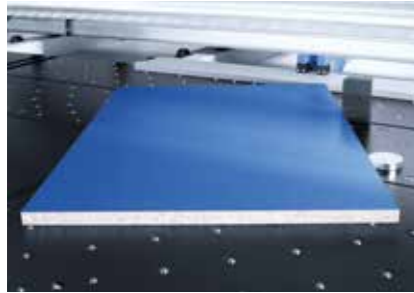
Made-to-measure control system – CADmatic 4 PRACTIVE

Specially developed for production processes in panel dividing technology, this control software ensures optimized processes.

- Easily understandable operating software
- Visual error diagnostics
- 19" TFT flatscreen display

Plenty of useful optional features

Regardless of whether you're looking for hardware or software: You can always get more because, at HOMAG, you have access to additional technologies to meet your needs and practice.



Manual angle cut

With the angle cut device, you control the angle cuts via the CADmatic control software.



Additional clamps

An extra that gives you a real grip so that your saw always has a firm hold even on particularly large, thin or smooth materials.

More power for the main saw

If necessary, the HPP 130 can be fitted with a more powerful main saw motor – 7.5 kW power instead of 5.5 kW.

Gentle material deposit

Additional rollers on the air cushion table ensure that the material is deposited particularly gently for more operating comfort.

Air cushion tables

Instead of the standard 500 mm air cushion table width, a width of 650 mm is also available.



Cutting pattern optimization in the office

For decades now, the proven optimization software "Cut Rite" has been providing more performance and efficiency in panel dividing technology:

- Optimized project control
- Efficient cutting processes
- Full cost control
- Faster calculation

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 directly at the saw.



Stress-elimination cut

Stresses in the material are released when the material is cut and can influence the dimensional and cutting quality. The HOMAG stress-elimination cut feature has the solution. Pre-cuts can be specified in the optimization and release the stress in the material.



Kerfing

Grooving with the panel dividing saw to save time.



Greater efficiency, fewer errors: label printer

To create individual labels directly on the saw and design them as required with a barcode, text or even graphics. If you also use the Cut Rite optimization software, the material goes directly to the next process step with printed instructions.

module45 – giving your saw the scope to produce bevel cuts

With this innovation, you can produce all cuts and bevel cuts using just one saw. Without changing station, efficiently and flexibly, at seamlessly adjustable angles ranging from 0 to 46 degrees.



The benefits of module45

- Low investment costs, great benefits
- You no longer need a sliding table saw for bevel cuts
- Higher energy efficiency as two machines in one
- Easy one-man operation
- Less waste and higher quality thanks to less transport damage as the material remains on the one machine
- Greater ergonomic benefits and higher reliability than a circular saw
- Unbeatable value for money
- Retrofit on request

The technology

- module45 consists of a stationary saw carriage with a swiveling saw blade that can be seamlessly adjusted to angles of 0 to 46 degrees
- When viewed from the front, the unit is integrated in the air cushion table on the far left
- The table plate can be opened, allowing easy access to the saw carriage for changing saw blades
- Other features include dedicated systems for contact pressure and dust extraction, plus a fold-down right-angled fence for maximum handling flexibility at the front of the saw

Incorporate bevels into cutting patterns

Now you can also incorporate bevel cuts into your cutting patterns: either using the Cut Rite optimization software when preparing work in the office, or when inputting the patterns directly in CADmatic. With module45, parts for processing are then adjusted such that all the operator needs to do is enter the angle of the bevel and start the cut.

VIDEO:



[module45](#)

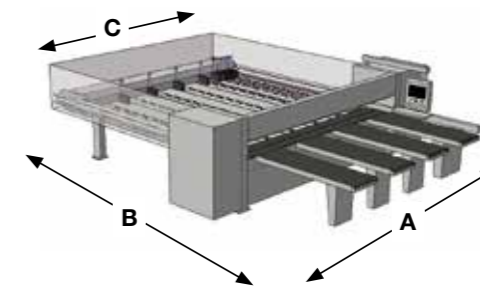
TECHNICAL DATA*	
Model	HPP 130
Saw blade projection (mm)	60
Cutting length (mm)	3200
Program fence speed (m/min)	up to 60**
Saw carriage speed (m/min)	up to 60
Main saw motor (kW)	5.5 (optional 7.5)
Main saw blade (mm)	300 x 4.4 x 60
Scoring saw blade (mm)	150 x 4.5-5.5 x 45
Operating software	CADmatic 4 PRACTIVE
Monitor	19" TFT flatscreen display
Total air requirement (l/min)	150
Compressed air requirement (bar)	6
Suction (m³/h, m/sec)	2600, approx. 26

* Based on the standard features

** Forwards 25 m/min

*** Dimension A: incl. 64 mm for extraction connection, dimension C: reference dimension for program fence width

MACHINE DIMENSIONS***			
	A (mm)	B (mm)	C (mm)
HPP 130			
HPP 130/32/32	5307	6037	3587



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