

Ready for the Challenge



HOLZMA HPP 180 – Quality Meets Efficiency

If you want to have the edge over your competitors you need a panel saw of unrivalled efficiency: reliability and high throughput at a competitive price. These are the strengths of HOLZMA's new HPP 180. A machine that meets the highest industry standards at a low price. 40 years of experience, the know-how of the entire HOMAG Group along with first-rate technical guidance and comprehensive customer support ensure fast return on investment. It's a winning bet!

HPP 180: A new saw especially for Asia

For 40 years now HOLZMA has been designing and manufacturing horizontal panel saws. The German engineering company has long established its position as world market leader. The experience gained during this time has been funnelled into the development of the new HPP 180. The result is a technically mature saw with a convincing price/performance ratio.

The HPP 180 is being in Shanghai, China. This means that services such as installation, customer support and provision of spare parts are fast and efficient.

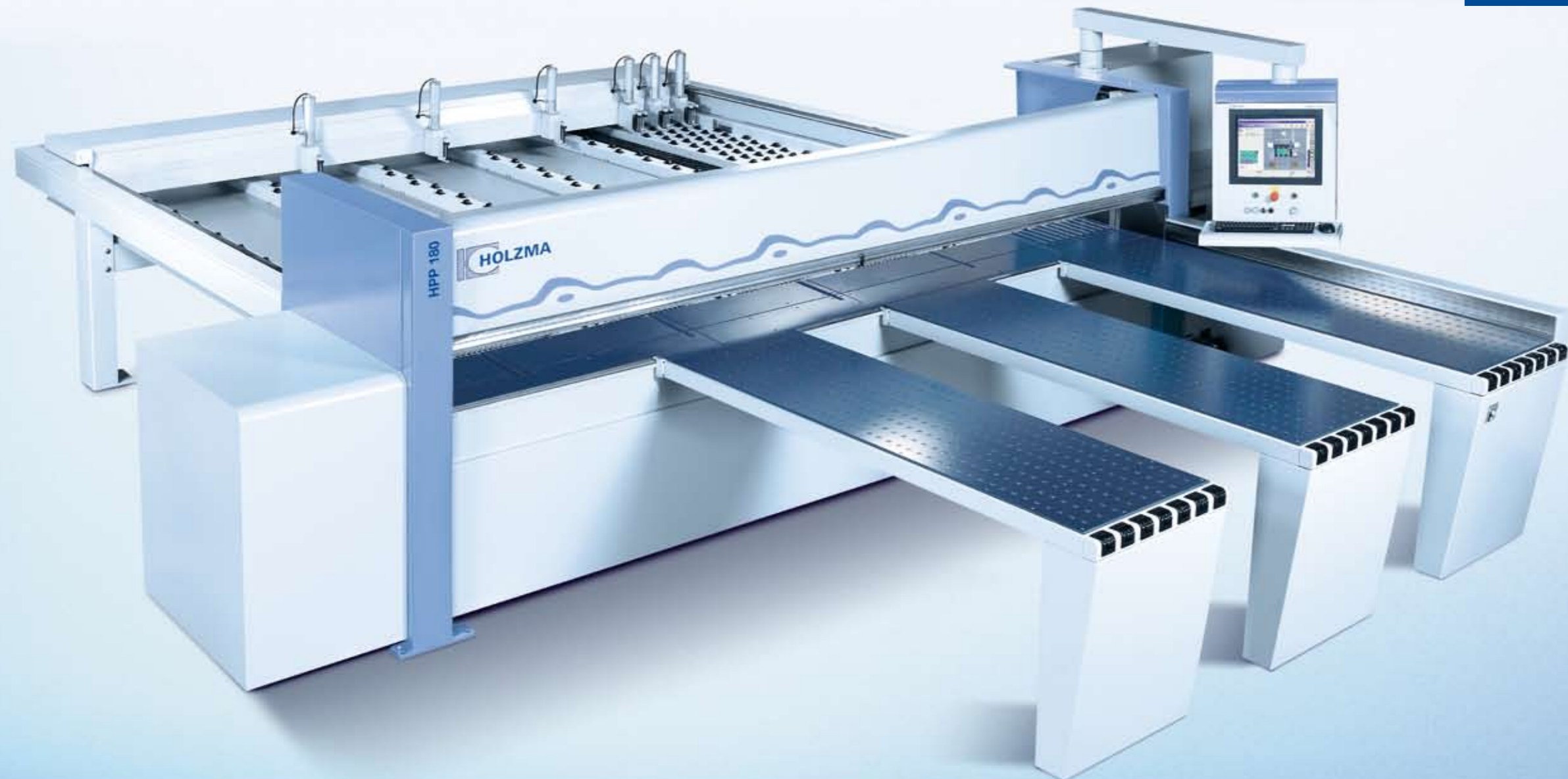


Illustration may show special options not included in the basic price

High-Tech Standard Features

The HPP 180 has got everything – the basic features alone are convincing enough. Whether precision measuring system, intuitive controller or ingenious patent – a HOLZMA saw has what it takes. The components used are extremely strong, ensuring a long life-cycle for the saw, even in full-scale continuous operation. The HPP 180 permits high material throughput in the shortest of times whilst maintaining first-class cutting quality and precision.

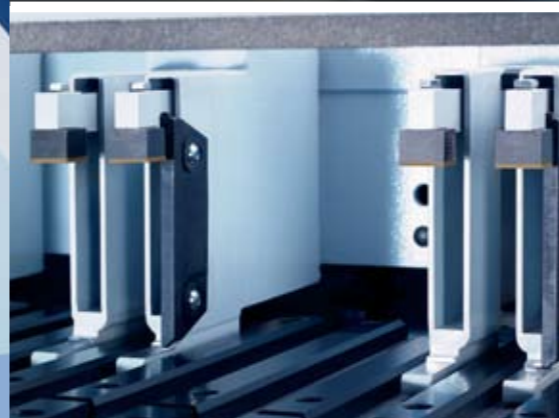
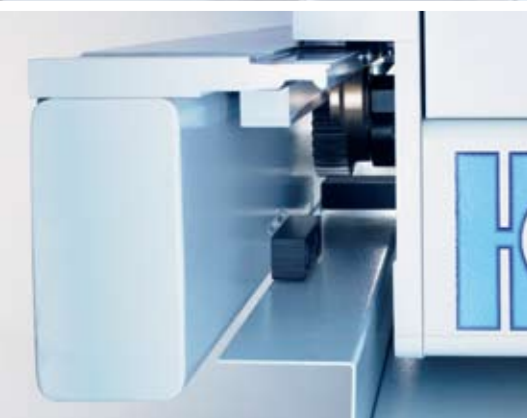
An abundance of extras to meet individual requirements

The standard version of the HPP 180 is a “no worries” full service package. And if that is not enough, there are plenty of options available. For example:

- grooving
- postforming unit
- labelling
- additional clamp with 1 finger
- additional clamp with 2 fingers
- Cut Rite Optimisation Software

Extra Option, Extra Benefit: The Perfect Postforming Cut

The rising scoring saw unit permits first-class softforming and postforming cuts.



Program Fence: Precision and Dimensional Accuracy

The electronic program fence with its heavy-duty guide rail and HOLZMA clamps ensures optimum positioning of material.

- heavy-duty program fence with 570 mm deep, steel support plate for the guide system
- electro-magnetic measuring system with positioning accuracy of +/- 0.1 mm
- non-contact system, so no maintenance and no wear

The Heart of the Saw

The saw carriage is of heavy-duty steel construction, equipped with main and scoring saws along with the central aligning device.

- infinitely adjustable forward speed
- low-noise, maintenance-free rack and pinion drive
- fast saw blade change with newly designed clamping system
- easy adjustment of scoring saw

Strong, Steel Pressure Beam for First-Class Cutting Quality

- two large-area pressure zones directly at the cutting line ensure minimum vibrations
- gaps for the clamps facilitate minimal trim and dust cuts

Clamps: Perfection Down to the Last Detail

- robust clamps, designed for three-shift operation
- the material is precisely positioned at the cutting line

HOLZMA Patent: Central Aligning Device

- shortens cycle times by up to 20 to 25% in comparison with conventional systems
- contact pressure can be electrically adjusted to 0-120 Nm ensuring gentle material handling and permitting operation with thin boards
- pressure can be applied over the entire cutting line

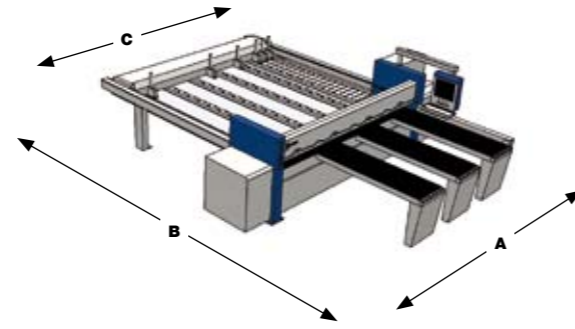
Control Tailored to Your Needs – CADmatic 4 BASIC

Developed especially for manufacturing processes in panel sizing technology, the CADmatic 4 BASIC controller software ensures optimised cycles and easy operation.

- intuitive controller software with 2D moving graphics in realtime
- online diagnostics
- 17" TFT flat screen monitor

The HOLZMA HPP 180 at a Glance

Size, performance, features: Here you can find the most important technical data for the HPP 180 at a glance. If you would like to know more right now then just ask your HOLZMA sales advisor who will be pleased to provide more information and advise you personally.



Technical Data *

HPP 180

| | |
|---|---|
| Saw blade projection | 95 mm (3.74") |
| Cutting length | 3800 mm (149.61") |
| Clamps | 6 in standard machine, up to 3 more as optional extra |
| Saw carriage speed | up to 80 m/min (262.4 ft/min) |
| Program fence speed | 60 m/min (196.8 ft/min) |
| Controller software | CADmatic 4 BASIC |
| Operating system | Windows XP embedded |
| Monitor | 17" TFT flat screen monitor |
| Main saw motor | 13.5 kW (18.4 HP) |
| Scoring saw motor | 2.2 kW (3 HP) |
| Main saw blade | 380 x 4.4 x 60 mm (15 x 0.2 x 2.4") |
| Scoring saw blade | 180 x 4.4 - 5.4 x 45 mm (7.1 x 0.2 x 1.8") |
| Compressed air requirements | 150 NI/min (5.3 cfm) |
| Minimum velocity at extraction connection | approx. 26 m/s |

* Values refer to the standard version

| Machine model | A | B | C |
|---------------|-----------------|-----------------|-----------------|
| HPP 180/38/38 | 5 830 mm (300") | 7 127 mm (281") | 4 192 mm (165") |



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A company of the HOMAG Group



HOLZMA Plattenaufteiltechnik GmbH

Holzmastrasse 3
75365 CALW-HOLZBRONN
GERMANY

Tel.: +49 7053 69-0
Fax: +49 7053 6174
E-Mail: info@holzma.de
Internet: www.holzma.de