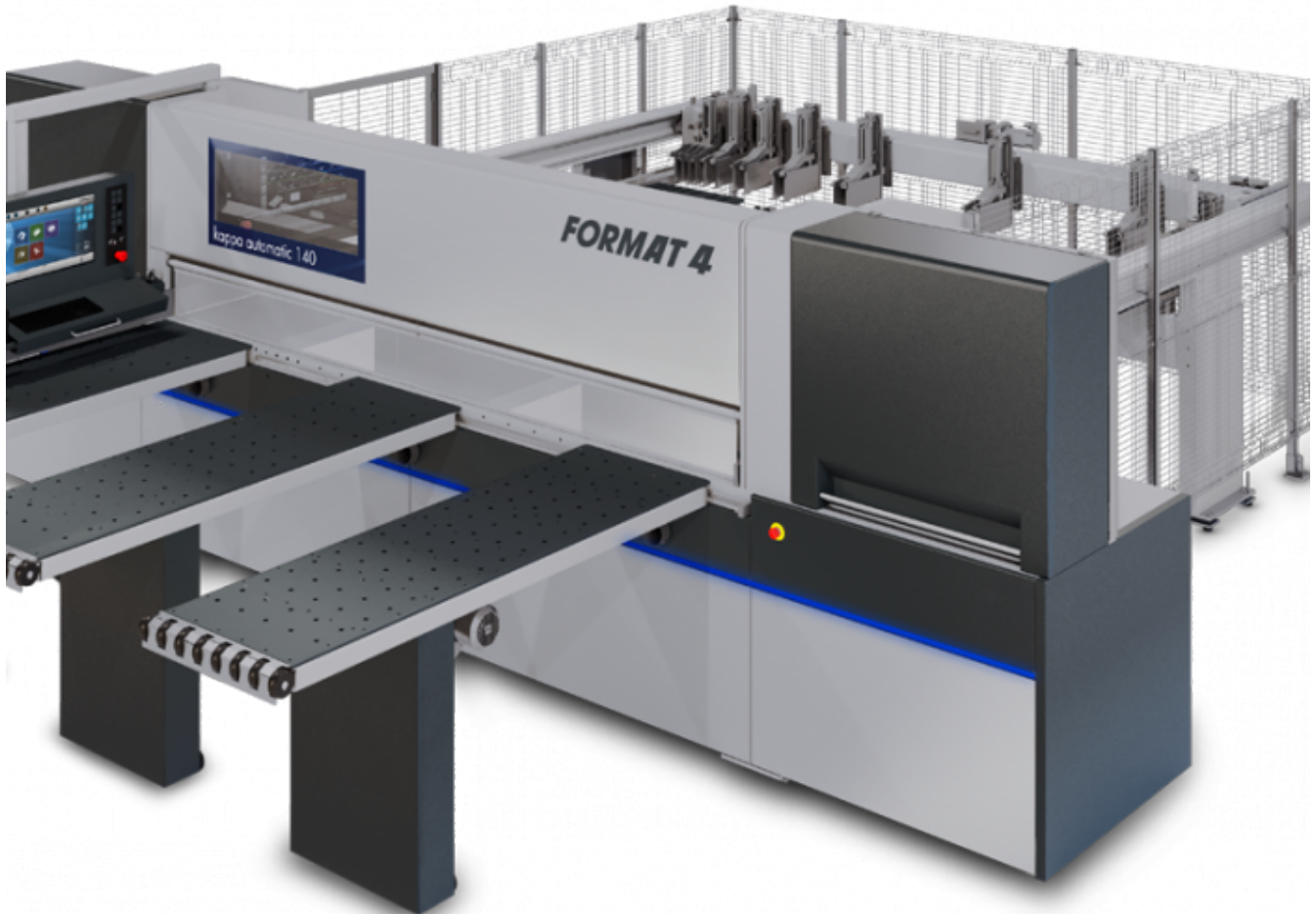


Format-4 Kappa Automatic 140 Pressure Beam Saw- **FORMAT 4**



Powerful, precise and efficient, with heavy and massive saws, Format-4 relies on durable quality and first-class engineering. Right away, the kappa automatic beam saws impress with their elegant design and premium materials. It is also the full concept that convinces: The heavy-duty construction with steel pressure beam and material pusher, the simple operation even when working alone and maximum process reliability with the modularly structured cutting optimisation program as well as a new software package all guarantee maximum performance and precision in rational panel cutting.

The modular based cutting optimisation program with barcode labelling guarantees maximum process reliability. The saw carriage with main and scoring blade is guided along a hardened and ground round bar guide system. A highly precise gear drive and gear rack drive system results in an extremely smooth movement of the saw carriage with cutting speeds from 5 to 100 m/min. The high-end cutting edges are achieved by the automatic cutting height adjustment for the optimum saw blade entry angle and the smooth running of the saw carriage. The dual measuring system guarantees maximum repeatability. The pressure bar opens depending on the material height, which reduces the material movement times to a minimum. The "Green Line package" with its controlled extraction gates and direct control of the motors can reduce energy consumption by up to 30%.

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Format-4 Kappa Automatic 140 Pressure Beam Saw- **FORMAT 4**



Saw carriage drive

The constant speed of the saw carriage is variable and can be set between 5-100 m/min from the control panel. The rack and pinion system on which the carriage runs guarantees a constant cutting quality regardless of the material being processed.



Perfect cutting results - New cutting direction

A main and scoring saw blade guarantee perfect and chip free cutting results with a cutting height of 80/100/118/138 mm. Combined with the cutting direction against the fence, a first class high end cutting result is achieved.



Controlled pressure bar - highest productivity with the shortest cutting cycles

The controlled kappa automatic 120 pressure bar does not open completely whilst processing, but instead only by the height of the material, enabling quick production cycles with maximum efficiency.

Overview and features

FORMAT-4 Premium machines for premium requirements

- Constantly high performance in industrial continuous operation
- Customer specific optimised production solutions
- Solid design with premium components
- Many variations of specification packages with high-tech solutions
- Complete engineering precision
- Premium user comfort
- Award winning design
- Quality and precision from Austria
- Uncompromised productivity
- Perfect service package before, during and after the purchase
- Automation solutions
- Software and machines from a single supplier

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Specifications

Motor	18kW (24.5 HP)
Saw blade Ø	450mm
Cutting capacity	3200mm, 3800mm, 4300mm, 5800mm
Feed speed	5-100 m/min infinitely variable
Maximum cutting height	118 mm

Specifications are subject to change without notice.

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