

NEW

PRESS INFORMATION | Hall in Tirol, 05/2015

Format-4 *tempora* edgebanders – the new benchmark for **HIGH-END RESULTS IN RECORD TIME**

Time, the most important resource in a modern carpentry operation, was the focus in the development of the tempora machine concept. Edge processing must be as fast, easy and efficient as possible. To achieve this, the tempora models combine the core skills of speed, productivity, flexibility and ease of use in a convincing overall package. The final processing results with endless edges and band material are convincing thanks to the highest standards, satisfying increasing demands on complete edge machining in all respects.

Massive edge processing units and an optimised machine body guarantee absolute stability even at the highest processing speeds. The user-friendly control variants "x-motion plus" and "e-motion" ensure absolute repeat accuracy and enable minimum set-up times and quickest material changes through individually configurable processing programs. The processing packages "Professional" and "Performance" and the individual unit choice for the two finish spaces allow the tempora to be fully adapted to company-specific requirements.

So just go ahead and take more time with your customers in the future – the tempora allows you to achieve the production in record time.



Efficient complete machining of edges of the premium class with the **FORMAT-4 tempora**



The details:

The new design with a solid machine construction, the central control unit with its specially designed Format-4 software, solid components and high-quality premium units – the edge banding machines tempora 60.08 and 60.12 are a highlight of modern edge processing. Highest adjustment and repeat accuracy, individual equipment versions and first-class ease of use with flexible unit selection. This means maximum productivity and high quality results in the professional complete machining of edges.

The premium machine with its single (60.08) or twin-engine (60.12) double corner rounding unit adds a new dimension to edge processing in the post and soft-forming areas in particular. Workpiece corners with different profiles can be machined in a single operation. Costly rework is completely eliminated by this finish.

Continuous edging material from 0.4 to 3 millimeters and solid wood strip material up to 12 mm in edge strength can be processed on workpieces from 8 to 60 millimeters. The proven chain promotion system with a feed rate of up to 20 meters per minute ensures a safe transport of the workpieces. Even at 20 meters per minute, the tempora with the new double corner rounding unit operates unchecked and absolutely vibration-free thanks to the optimised and heavily reinforced machine chassis.

Central control unit for premium operating comfort

The Format-4 control variants x-motion^{plus} and e-motion provide optimal ease of use and intuitive control of all central control unit settings. Thanks to self-explanatory symbols and the clearly arranged menu navigation on the 10.4" color touch screen, the operation of the tempora becomes a breeze.

The control on the central control panel using specially designed Format-4 software allows efficient storage of user defined work and glue residue programs, control and fine adjustment of the controlled units, selection of the contact pressure and glue temperature and fine adjustment of the distance parameters. In addition, the system provides reliable information about maintenance schedules, frequencies and running meters.

Further Format-4 highlights for professional edges

Two counter rotating, separately operating and controllable premilling units with diamond-tipped spiral jointing cutters make for first-class edge processing before gluing the edges. Using the premilling unit, you achieve absolutely tear-free edges with laminated workpieces. With exact dimensional allowance in the raw cut, the premilling unit takes over the dimensionally accurate formatting of your workpieces. For e-motion models, the adjustment of the takeoff is done through motorized positioning control.

The teflon- laminated changing glue pot change can be changed in record time without tools, thus allowing a simple glue or color change. The simple and fast interchangeability thus guarantees minimum set-up times even when switching between EVA and PUR edge processing. The finely adjustable, teflon-laminated glue roller ensures the correct dosage and enables the targeted adaptation to differing edging materials.



Work programs that can be individually created at the central operating unit always guarantee maximum repeat accuracy and save valuable working time. Application controlled spray nozzles ensure a clean processing of edges with sensitive surfaces and reduce the consumption of spraying agent. The end trimming unit with two independent saw units and precision linear guides can be pivoted from zero to 15 degrees and processes protrusions on the two workpiece edges cleanly and without residue. The multifunction unit with two independent milling units guarantees flawless results in flush, radius and chamfer milling. The structural optimisation of the adjustment axes for edge strength and profile ensures fastest adjustment accuracy.

The available free spaces for finishing units can be individually equipped with radii or flush (glue) scrapers and polishing unit – a perfect finish is thus guaranteed.

The benefits at a glance:

- > Corner rounding unit (with 60.12 optionally twin engine) – flawless post and soffforming results up to a height of 45 mm (60.08) or 60 mm (60.12)
- > Continuous edging material from 0.4 to 3 mm and solid wood strip material that is processable with an edge thickness from 0.4 to 12 mm
- > Individual leveling options
- > Gentle chain haulage with a feed rate of 12 m/min (20 m/min with 60.12)
- > First-class operating comfort through the e-motion package and motor-controlled units
- > 10.4" color touch screen with specially designed Format-4 software
- > Storage of user-specific work programs
- > Optimisation of edge overhangs and hundredths of a millimeter precision adjustment of the unit from the central control panel
- > Free spaces for flexible finish aggregate tuning
- > Shortest changeover times: Glue pot for EVA and PUR glues
- > premilling unit with diamond cutters (D = 80 mm)
- > Usage controlled spray nozzles
- > Motor-controlled workpiece thickness adjustment of the upper pressure beam (8–60 mm)

Image material:



First-class operating comfort through the e-motion package and motor-controlled units



End trimming unit with two independent saw units and precision linear guides



Two counter rotating, separately controllable spiral jointing cutters

ABOUT THE FELDER GROUP

The Felder-Group with company headquarters in Hall in Tirol, Austria, is one of the leading worldwide suppliers of woodworking machines for hobby, business and industrial use.

Employees in 72 countries and more than 200 sales and service locations take the passion for excellent woodworking machines to customers all over the world, according to the motto "Everything from one source". Despite growing global challenges, the Felder Group remains committed to quality and precision from Austria. Thus, the development and production of the Felder, Format-4 and Hammer product range that comprises around 150 products takes place in the factory in Hall in Tirol.

Format-4 – Expertise without compromise for the highest requirements

The premium brand of the Felder Group has been meeting the highest demands of professional users in crafts, commerce and industry since 2001. Impressive detail solutions, numerous innovations and patents, maximum operating comfort and perfect precision have ensured that Format-4 has become an unbelievable success story over the past few years. Perfect consultation, customized machine configuration as well as delivery, installation and service – Format-4 provides a comprehensive, first-class offering. Countless woodworking enterprises worldwide already rely on the machines exclusively developed and produced in Austria, achieve a much higher productivity with Format-4 and thereby increase their income. **More information and photos can be found at www.format-4.com.**