



Woodworking machines

**FELDER**<sup>®</sup>

**FORMAT**<sup>®</sup>

**Hammer**<sup>®</sup>



CEO Hansjörg Felder

## ABOUT THE FELDER-GROUP

The Felder Group has its headquarters in Hall in Tirol and is one of the world's leading suppliers of woodworking machines for hobbyists, business and industry. Employees in 72 countries and more than 200 sales and service locations passionately promote excellent woodworking machines under the motto, "Everything from a single source" to customers all over the world. Despite ever increasing global challenges, the Felder Group continues to believe in quality and precision from Austria. Thus, the development and production of the approx. 150 products from the full range of machines and brands Felder, Format-4 and Hammer all takes place at the head office and factory in Hall in Tirol.

*Hansjörg Felder*



The Felder factory in Hall in Tirol, a central production facility ensuring maximum quality



**FELDER-GROUP:** With over 200 sales and service centres worldwide, we are always close at hand.

### EUROPE

Austria	Germany	Portugal
Albania	Greece	Romania
Belarus	Hungary	Russia
Belgium	Iceland	Serbia
Bosnia	Ireland	Slovakia
Bulgaria	Italy	Slovenia
Czech Republic	Latvia	Spain
Croatia	Lithuania	Sweden
Denmark	Luxembourg	Switzerland
Estonia	Netherlands	Turkey
Finland	Norway	U.K.
France	Poland	Ukraine

### ASIA AFRICA AUSTRALIA

Algeria  
Australia  
Bahrain  
Bhutan  
Egypt  
India  
Indonesia  
Iran  
Iraq  
Israel  
Japan  
Kazakhstan  
Lebanon  
Mauretania

### AMERICA

Morocco	Argentina
New Zealand	Brazil
Qatar	Bermuda
Saudi Arabia	Canada
Singapore	Chile
South Africa	Colombia
South Korea	Ecuador
Sri Lanka	Guadeloupe
UAE	Mexico
	Peru
	Uruguay
	USA
	Venezuela



# Welcome to FELDER-GROUP!

The quality of the products is the key to our customer's success. We therefore try to work and collaborate closely with woodworkers, whether artisans, commercial companies or industry. This ongoing exchange of ideas enables us to incorporate the needs and requests of the user into the development of new machine designs and to ensure the competitiveness of our customers through optimised product design. The most up-to-date manufacturing technology and strict production standards ensure excellent precision and the best processing quality. Our own research and development department, numerous international patents and groundbreaking solutions guarantee that we keep ahead of the game.

- We offer a huge range of tools and accessories. Everything is available to order online or by contacting your sales and service centre. Come to our local showroom to view a fantastic range of Felder Group machines.
- The requirements analysis by our specialist consultants will show you new solutions for optimising your productivity and earnings.
- With a product range of over 100 machine models, we can work together to make you your very own tailor-made solution.
- First-class experts in the areas of training and service complete our comprehensive competence in the field of woodworking.



# Everything from a single provider

## Our service chain for perfect woodworking!



### Individual solutions for individual requirements

Each and every Felder woodworking machine is custom built to your requirements. We will strive to meet your every need when putting together your machine. Your exact current and future requirements are considered in detail before manufacture to ensure you make no compromise on the specification of your machine.

### You can rely on our woodworking machines

Meticulous design and production, innovative development and high quality standards without compromise are the trademarks of a Felder machine. Important criteria such as stability, durability and functionality are standard characteristics of our machines!

### Quality from Austria

Felder woodworking machines are top quality Austrian products. 100 % of the design and construction is carried out at the factory in Hall in Tirol. Cutting edge processing techniques and machinery as well as constant quality controls guarantee the quality, precision and reliability of your woodworking machine.

### Advice that you can rely on

Tailored support at Felder begins long before the purchase decision has been reached. After a detailed requirements analysis an individual solution is put together for the customer using our technology centre and showrooms. By simulating the customer's manufacturing operation, it is possible to test different machine concepts ensuring that the perfect solution is found, meeting the individual requirements of the customer and ensuring perfect woodworking.

### Always working for you: The FELDER Service team

Specially trained technicians carry out the delivery, installation, commissioning and the first machine configuration settings. This ensures that your machine can be used productively from the very first day of use.

In the next link of the Felder service chain our customers profit from a tailored inspection and maintenance package as well as a competent service hotline for immediate support. Numerous Felder service centres ensure the availability of a Felder service technician as well as a problem free spare part supply. Customers with a computer controlled machine have the possibility to enrol their employees in a comprehensive software and machine training program.





We put together a tailor made, profit oriented and production raising solution for your company. In doing so all of your current work processes are aligned to optimise your production line.



You then have the choice of your preferred optimisation package and in doing so secure yourself a competitive edge in the market place.



We show you how to operate state of the art software solutions in combination with ground breaking production processes in your organisation.



Following the delivery and installation of our machines, together with our service technician you will learn how to integrate your new machine in the predesigned production concept and processes in your organisation.

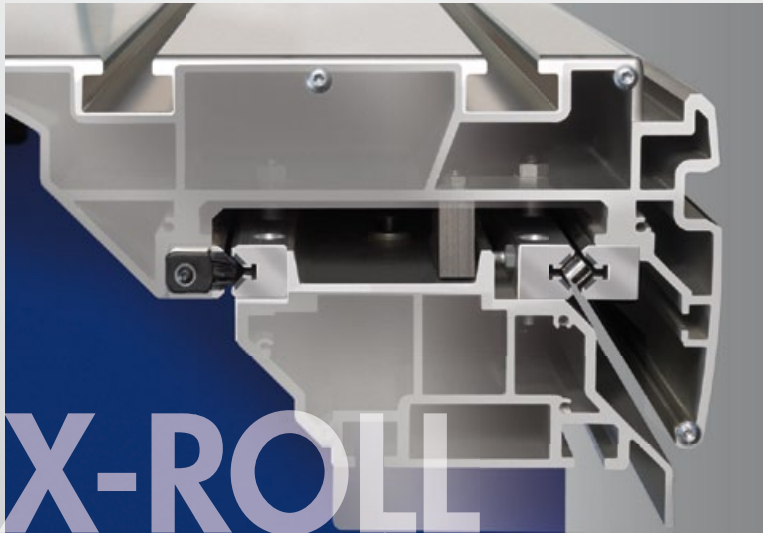


Service engineers at the Felder factory and our many subsidiaries ensure that our machines are always ready for use. Our telephone service and our on-site maintenance are available for you 12 hours a day on working days, from 7am to 7pm.



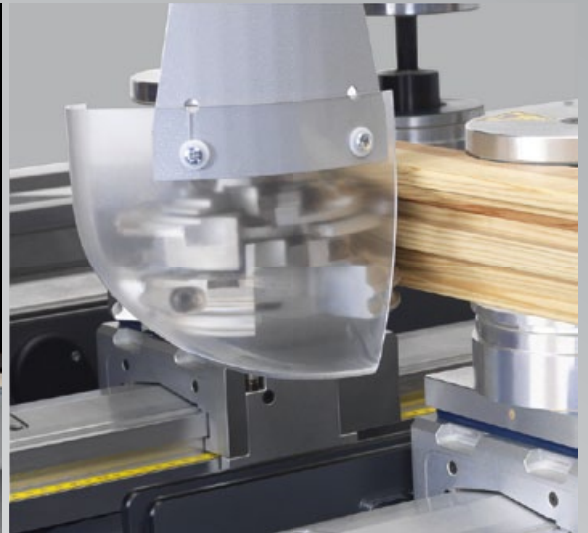
Our mobile service engineers are based at the Felder Group sales and service outlets. Short travel times ensure rapid response times should it be necessary.

# Woodworking machines with outstanding unique features



"X-Roll" sliding table | Tilt segment "Easy-Glide" | e-motion control with TFT screen | Spraying equipment for the perfect "finish", leaving a workpiece requiring no further processing | "Quick-Set" edge material changeover in record time | Changing of the spindle shaft with minimal effort | "Silent-POWER®"- Spiral cutterblock



**FELDER****FORMAT****Hammer****CNC-SOFTWARE****X-LIFE**

Perfect nesting with the Format-4 matrix table | Controlled chip deflector | CNC-Software | Simultaneous 5 axis processing | Printing barcode labels | Touchscreen operating panel - The most up-to-date edge processing with Format-4 technology | "X-Life" Ceramic bandsaw blade guide



Thousands of satisfied customers worldwide





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# profit H08

- CNC Nesting
- CNC Cutting
- CNC Drilling
- CNC Milling
- An industry panel saw and CNC machining centre in one!
- Working area sizes:  
1250 x 2500 mm  
1530 x 3090 mm



**VIDEO**  
online

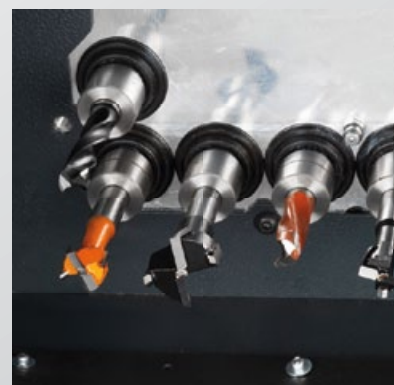
<http://fg.am/08eng>



High performance main spindle with HSK-F63 collet



8/10 position tool changer



DH 8 drilling head,  
with 8 vertical spindles -  
or DH 12 drilling head,  
with 12 vertical spindles -



## Efficiency in the smallest of spaces

The profit H08 from Format-4 is the CNC machining centre for professional nesting applications in the smallest of spaces. Designed specifically for universal purposes, the high precision and productivity achieved when processing varying materials particularly impresses about this profit making all-rounder.

### Time saved

- CNC cutting, milling, drilling and nesting in one work process
- Optimised traverse
- Powerful milling spindle for high processing speeds
- Up to 500 m<sup>3</sup>/h vacuum power for the processing of small pieces

### Comfort

- Automatic length measurement system
- Suggestion for optimal vacuum field selection
- The laser safety system makes 4 sided loading a possibility
- Centralised extraction hood

### Flexible

- Individual vacuum configurations
- Numerous tooling positions
- 6/8 independent vacuum fields
- Milling spindle can be adjusted between 1,000 and 24,000 rpm
- Drilling head can be adjusted between 1,000 and 6,000 rpm

### Quality

- Gantry drive with dual sided servomotors
- Ground and hardened guides
- Engineering quality from Austria
- High quality, solid machine components
- Automatic central lubrication ensures low maintenance



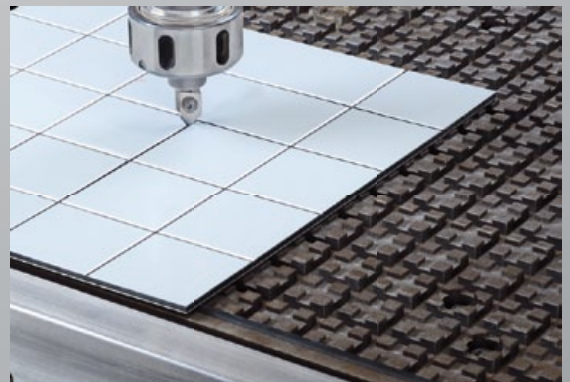
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or DH 16 drilling head with  
12 vertical and 4 horizontal  
spindles



Profile milling

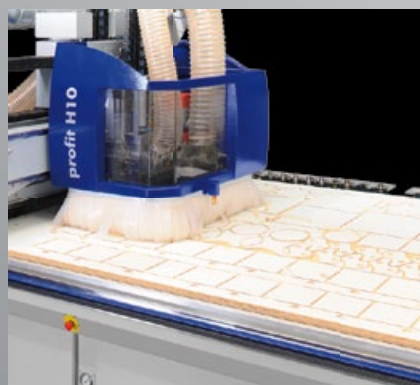


Engraving



## Efficiency in single person operation

The profit H10 panel formatting, drilling and milling centre brings a whole new level of efficiency to single person operation. In just one working process the CNC machining centre carries out formatting, drilling and nesting, guaranteeing maximum workpiece usage and minimum waste. The highly precise edge finish ensures that the workpiece can go on to the next stage of production without any post processing being required.



Panel cutting, drilling and milling in any shape desired, all in one process!



Unloading unit, removing the finished workpieces and cleaning of the table



Unloading unit with conveyor belt and labelling station



## profit H10

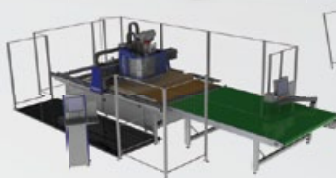
- An industry panel saw and CNC machining centre in one!
- CNC Nesting
- CNC Cutting
- CNC Drilling
- CNC Milling
- Working area sizes:
  - 1560 x 3720 mm
  - 1860 x 3720 mm
  - 2160 x 3120 mm
  - 2160 x 4300 mm



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Basic model



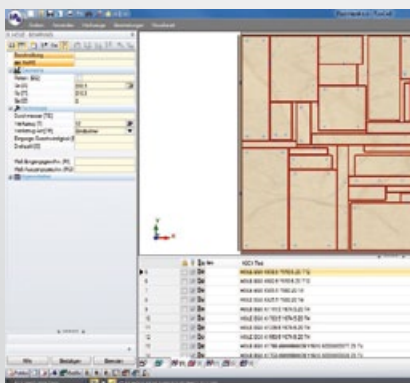
... with unloading station



... with loading and unloading station



... in combination with a warehousing system



Material saving shape processing: Nesting with "FlashNest"



Vertical drilling spindles, grooving saws for both vertical and horizontal processing



Linear tool changer allowing quick tool changes and ensuring minimum compressed air usage

# profit H200 | H300

## Profit making all-rounder

It is universal workshops in particular where affordable CNC technology is becoming increasingly important. Regardless of whether a series of regular standard products or individually designed one-offs are to be made, the universal Format-4 profit H200 machining centre produces finished workpieces with maximum efficiency and are a real profit earner even from day one. In the new, completely reengineered design, the CNC machining centres from Format-4 display dynamics, power and high end technology from the first glance. The new machine chassis with solid steel ribbing guarantees maximum stability at maximum output. With a wide selection of various tool changers and Format-4 software that fits perfectly to the machine, the new FORMAT-4 CNC machining centre is a reliable complete package for the production of doors, staircases and solid wood furniture.

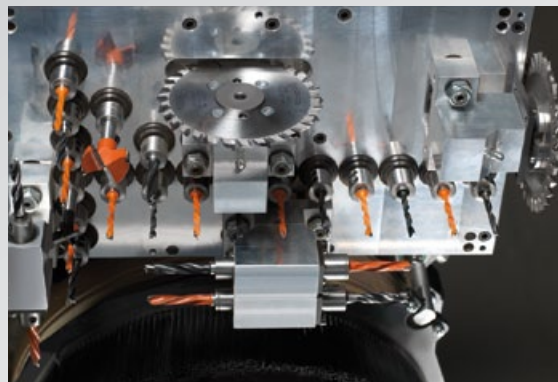


Working area:

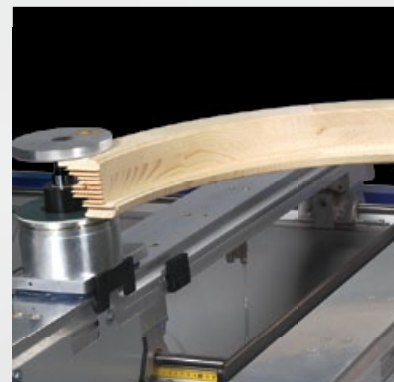
	profit H200 13.33	profit H300 16.33	profit H300 16.53
x	3.300 mm	3.300 mm	5.300 mm
y	1.280 mm	1.580 mm	1.580 mm
z	250 mm	250 mm	250 mm



You can find more  
information on our website!  
[www.felder-group.com](http://www.felder-group.com)



Workpiece stops for veneered panels



Connecting of the consoles  
for compressed air controlled  
frame clamps



# CNC machining centres

## Time saved

- Pendulum operation "Standard"
- Up to 4 work beds
- High traversing speed of the axes
- Solid loading supports enables productive single person operation

## Comfort

- Hose-free vacuum, suction and clamping systems.
- Laser supported vacuum pod positioning
- The hood leaves the complete working area free and guarantees a simple loading of workpieces especially larger dimensioned ones
- Up to 40 tool positions

## Flexible

- Up to 270 mm tooling diameter
- The drilling head covers the whole working field, both horizontally and vertically
- Template function for complex workpiece contours
- Vacuum pod heights up to 100 mm

## Quality

- Engineering quality from Austria
- High quality, solid machine components
- Automatic central lubrication ensures low maintenance



Template milling



# profit H350 | 500

## One machine, five axes, limitless possibilities

It is universal workshops in particular, where the individual processing of various materials is becoming increasingly important. The most up-to-date 5 axes CNC technology guarantees limitless creativity, and at the same time reduces the initial investment cost and subsequent costs for special aggregates and tools. Individual tooling configuration and fully automatic production at a manageable investment level - the Format-4 profit H500 makes the future of component manufacturing profitable. The high performance main spindle guarantees excellent results at every angle regardless of the material. In conjunction with the 18 independent drilling spindles and integrated grooving saw aggregate, the profit H500 offers limitless processing possibilities and ensures shortest possible production cycles. In the new, completely reengineered design, the CNC machining centres from Format-4 display dynamics, power and high end technology from the first glance.

### Working area:

	profit H350 16.30	profit H350 16.50	profit H500 16.38	profit H500 16.56
x	3.000 mm	5.000 mm	3.740 mm	5.540 mm
y	1.550 mm	1.550 mm	1.570 mm	1.570 mm
z	250 mm	250 mm	350 mm	350 mm

### Time saved

- 5 axes processing instead of having to change the tooling frequently
- 2 CNC controlled Zaxes for the shortest of production cycles
- Up to 8 working fields for maximum productivity
- Automatic consoles and vacuum positioning by means of the e-motion consoles

### Comfort

- Up to 59 tool positions
- Hose-free vacuum, suction and clamping systems
- Laser supported vacuum pad positioning
- The hood leaves the complete working area free and guarantees a simple loading of workpieces especially larger dimensioned ones

### Flexible

- Maximum 350 mm saw blade diameter
- Up to 350 mm working height from the level of the consoles
- Variable positionable CNC controlled extraction hood for great extraction results
- The drilling head covers the whole working field, both horizontally and vertically
- Several aggregates can be combined with the 5 axes spindle

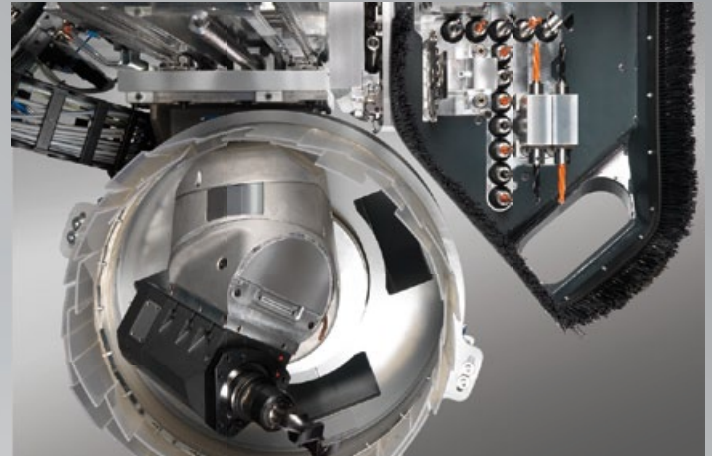
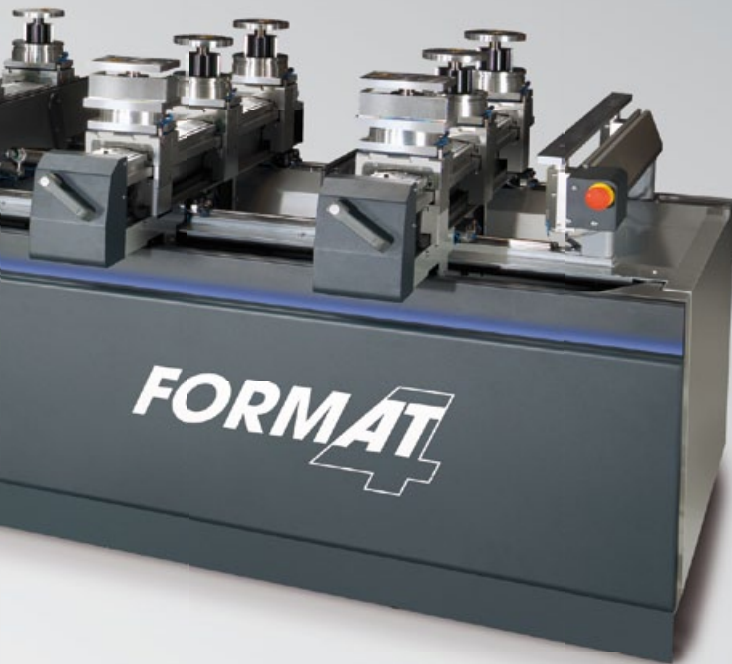
### Quality

- Engineering quality from Austria
- High quality, solid machine components
- Liquid cooled main spindle as standard
- Automatic central lubrication ensures low maintenance

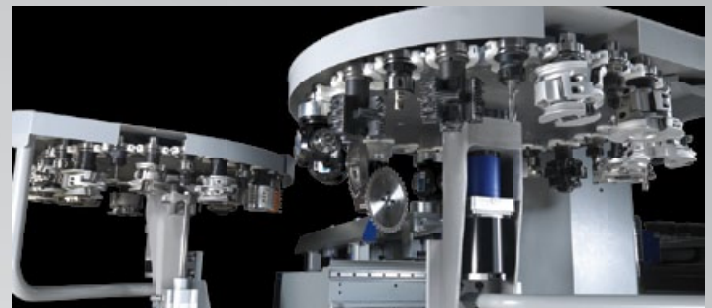




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information on our website!  
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Unlimited processing possibilities with the Format-4 drilling head  
and the powerful 5 axes spindle



A second rotary tool changer with space for 24 tools  
is positioned on the side of the machine chassis and  
ensures an even quicker production cycle

## Application examples



Case furniture production



Clamex-P



Simultaneous 5 axis processing



Stair production



3D applications



Door frame manufacturing



Lock recess



Doors

# c-express 920 classic

## Complete processing of cabinets in only 3.4 m<sup>2</sup>

The Format-4 c-express 920 CNC drilling and milling machine executes all repeat drilling and simple milling work quickly, economically and precisely. Developed specially for small workshops, the c-express 920 offers a sensational price-performance ratio. The uncompromising new release from the Felder Group is profit making CNC productivity in a nutshell. Repeat drilling programs can be recalled and reused at the touch of a button, workpiece after workpiece, order after order. The c-express 920 makes CNC controlled cabinet manufacturing profitable for every workshop, regardless of how much free space is available.

- Compact CNC manufacturing in only 3.4 m<sup>2</sup>
- Highly precise 15 spindle drilling head for maximum flexibility
- Grooving saw as standard for the production of rear walls or construction joints
- onstant zero point as the Panels are processed horizontally
- Maximum precision with modern laser technology
- Simple programming without consideration of the workpiece thickness



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information on our website!  
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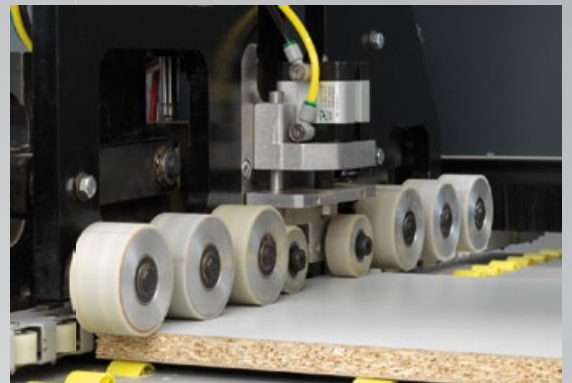




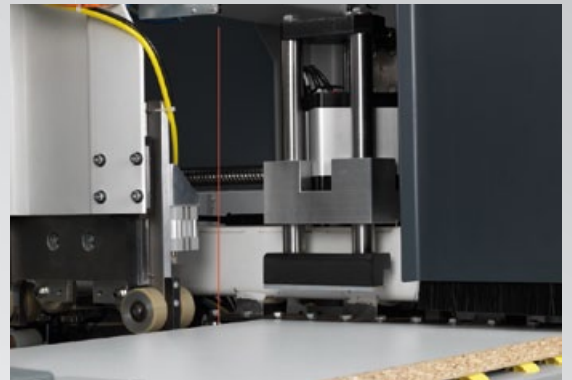
# CNC drilling and milling centre



The c-express 920 is equipped with a DH14 6H 1S drilling head as standard.



Horizontal workpiece transport for a smooth positioning of the workpiece



Modern measuring techniques using an encoder (distance measurement system and laser) ensuring precision positioning of the workpiece

## Outstanding productivity: FORMAT-4 CNC machine in your networked workshop



### Planning with "Flash 3D"

Individual case furniture is created quickly and professionally, simply by inputting a few parameters into the "Flash 3D" software e.g. during a sales talk. The "Flash 3D" software automatically generates the data for:

- Presentation
- Construction
- Raw materials
- Production (CNC and edgebanders)

### Cutting optimisation with Ardis

It is now incredibly easy to optimise cuts with the Format-4 panel saw as a result of the integrated Ardis cutting optimisation software. All the functions are clearly displayed on the user interface. You can check the tool width and the formatting cut quickly and easily as well as the cutting direction entered in the cutting list and the direction of the grain of the veneer.

### Standard cuts and trimming

The optimised production data is transferred from the work planning stage to the panel saw via the network. The workflow is displayed on the panel saw's TFT screen. The stops and cutting angles are positioned automatically. A label with barcode information can be printed for each workpiece.



**Today's workshop: all machines are linked**  
Increase the productivity in your workshop and combine the "Flash 3D" with the "Wood-Flash" software from the work planning stage to the panel saw, CNC and edgebanders.



## CNC machining

The appropriate program is loaded once the barcode has been scanned into the CNC. In IT-terminology, this process is known as "data import". Data imports eliminate errors and increase quality assurance; each workpiece machined is a quality product.

## Edgebanding

Information such as the type of edging, the thickness and onto which side of the workpiece the edging is to be glued, is illustrated on the label, saving valuable production time!

## The finished piece – completed in record time

The increase in productivity thanks to the Format-4 machines interconnected with a data network, is simply sensational. Whatever the workpiece, the use of a Format-4 production system will dramatically reduce the production time.

# tempora 60.08 | 60.12

## Uncompromising expertise for the highest of requirements

Time, the most important resource in a modern workshop was one of the main focuses whilst developing the new tempora machine concept. Processing edges needs to be as quick, easy and efficient as possible. To achieve this, the tempora model combines the key characteristics of speed, productivity, flexibility and user comfort in a convincing complete package. The final finishing results when processing both coiled and strip material convince with incredibly high standards, that fulfil the ever increasing demands of edgebanding complete processing.



### tempora 60.08 x-motion plus

- „x-motion plus“ control with 10.4“ Touch Screen display and e-motion multi-function trimmers as well as integrated maintenance software and network connection also available
- Corner rounding unit
- Edging thickness 0.4–8 mm
- Workpiece height 8–60 mm
- 12 m/min feed speed
- Glue unit for EVA and PUR glue
- Premilling unit with diamond milling cutters
- Motor controlled positioning of the aggregates, Fine adjustment of the units to 1/100 mm from the control panel

### tempora 60.12 x-motion plus

- „x-motion plus“ control with 10.4“ Touch Screen display and e-motion multi-function trimmers as well as integrated maintenance software and network connection also available
- Premilling unit with diamond milling cutters
- Motor controlled positioning of the aggregates, Fine adjustment of the units to 1/100 mm from the control panel
- Two motor corner rounding unit
- Edging thickness 0.4 to 12.0 mm
- Workpiece height 8–60 mm
- 12 m/min feed speed (optional 20 m/min)
- Glue unit for EVA and PUR glue



## tempora 60.12 e-motion

- „e-motion“ control with 10.4" Touch Screen display with integrated maintenance software and network connection available
- Premilling unit with diamond milling cutters
- Motor controlled positioning of the aggregates,  
Fine adjustment of the units to 1/100 mm from the control panel
- Two motor corner rounding unit
- Edging thickness 0.4 to 12.0 mm
- Workpiece height 8–60 mm
- 12 m/min feed speed (optional 20 m/min)
- Glue unit for EVA and PUR glue



Complete control with "e-motion"



Air-motion hot air unit - Edge glueing  
using heated compressed air



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information on our website!  
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Radius scraping unit x-motion Plus horizontal adjustment

Flush scraping unit, pneumatically controlled

Spraying unit for cleaning agents

Spraying unit for releasing agent

Premillers with replaceable cutters 64mm in height

Spraying unit for lubrication agent

Chain feeder 12-20 m/min

Pneumatic/mechanical infeed block

Preparation for retrofitting of a premelter

Reverse function for the glue applicator roller

Corner processing unit

2 motor corner rounding unit

Motorised adjustment of the corner rounding cutters

E-motion end trimming unit with two motors

LED lighting Tempora 60.08

LED lighting tempora 60.12

Professional PACKAGE tempora 60.08 x-motion plus	Professional PACKAGE tempora 60.12 x-motion plus	Performance PACKAGE 1 tempora 60.12 x-motion plus	Performance PACKAGE 2 tempora 60.12 x-motion plus	Professional PACKAGE tempora 60.12 e-motion	Performance PACKAGE 1 tempora 60.12 e-motion	Performance PACKAGE 2 tempora 60.12 e-motion
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„Professional“

# G480 | G 500 | G 660 | G 670 | G 680

Productivity, flexibility and precision all in one machine.

G 660, G 670 and G 680 - the three edgebanders in the professional series from Felder ensure excellent results in the processing of various different types of coiled and strip edge material up to 8 mm in thickness. Quick changeover times and high levels of repeatability when changing between edge material - the Felder "Quick-Set" System saves time and reduces mistakes.



## G 680

- Operating panel with LCD display and keypad
- Premilling unit with 2 diamond tipped spindles rotating in opposite directions
- Corner rounding unit
- Manual unit adjustment
- Tape thickness 0.4–6 mm (8 mm optional)
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units



## G 480

- Operating panel with LCD display and keypad
- Manual unit adjustment
- Tape thickness 0.4–6 mm
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units



## G 500

- Operating panel with LCD display and keypad
- Manual unit adjustment
- Tape thickness 0.4–6 mm
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units



## G 660

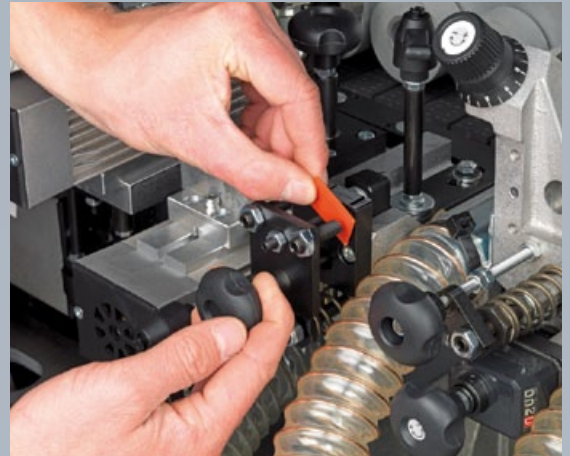
- Operating panel with LCD display and keypad
- Premilling unit with 2 diamond tipped spindles rotating in opposite directions
- Manual unit adjustment
- Tape thickness 0.4–6 mm (8 mm optional)
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units





## G 670

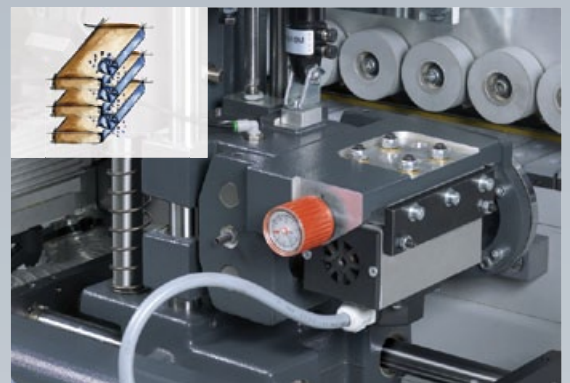
- Operating panel with LCD display and keypad
- Corner rounding unit
- Manual unit adjustment
- Tape thickness 0.4–6 mm (8 mm optional)
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units



50% time savings thanks to quick adjustment with the Felder "Quick-Set"



Quick change of the gluepot without tools



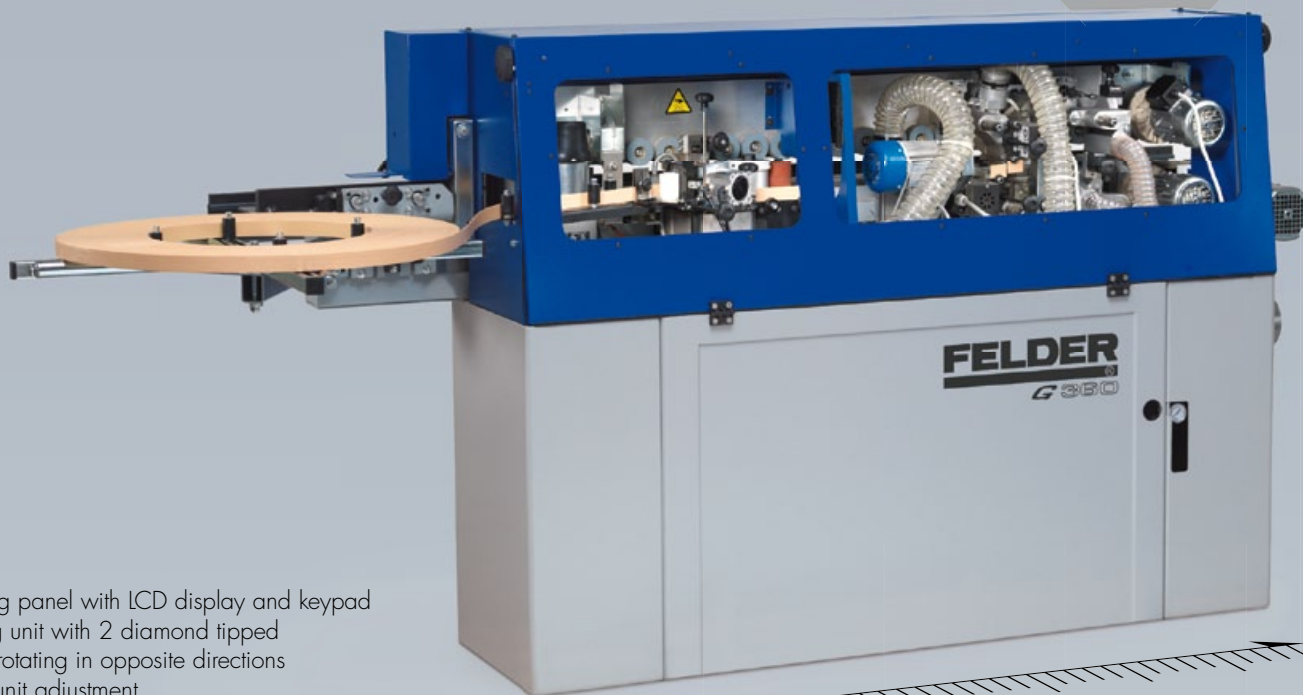
Corner rounding unit



## “Universal” class with glue scraping and buffing

### G 360

The Felder 300 series combines top performance and perfect results with a minimal footprint, all at an unbeatable price. Decide for yourself about how your workpiece is finished: there are 2 free spaces for a scraping unit and a buffing unit.



### G 360

- Operating panel with LCD display and keypad
- Premilling unit with 2 diamond tipped spindles rotating in opposite directions
- Manual unit adjustment
- Edging thickness 0.4–3 mm
- Workpiece height 8–45 mm
- 9 m/min feed speed
- 2 available slots for additional finishing units (radius or flush scraping unit or buffing unit)

Most up to date technology in less than 3,5 metres



Operating panel with LCD display and keypad



Premilling unit with diamond coated spiral cutters



Spraying unit for releasing agent (PUR-Glue) (option)



"Compact" class

## G 330 | 320

Increasing quality demands in the compact edgebanding machine range requires a complete solution in the smallest possible of spaces.



In the blink of an eye!  
With "Quick-Set" edge working machines, adjustments to different edge thicknesses can be made in seconds.



### G 330

- Edging thickness 0.4–3 mm
- Manual unit adjustment
- Workpiece height 10–45 mm
- Feed speed 8 m/min
- Gluepot
- Chain feeder
- High frequency motors
- Guillotine end trimming unit
- One free position for either a glue scraping or buffing unit



### G 320

- Edging thickness 0.4–2 mm
- Manual unit adjustment
- Workpiece height 10–45 mm
- Feed speed 8 m/min
- Gluepot
- Chain feeder
- High frequency motors
- Guillotine end trimming unit
- One free position for either a glue scraping or buffing unit

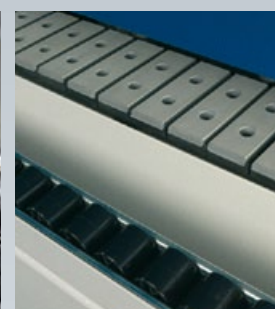
Professional edgebander  
requiring less than two  
meters when operational



Height adjustment of the  
upper pressure bar



Teflon coated glue pot for  
hot melt granulates



Chain feeder

**VIDEO**  
online

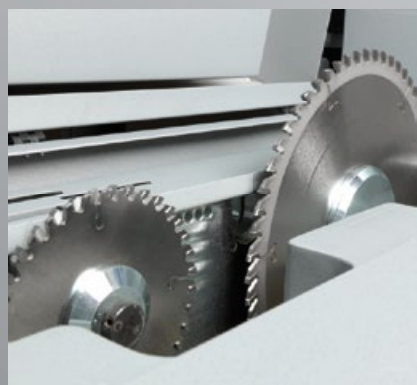
<http://fg.am/330eng>

# kappa automatic 60 | 80 | 100

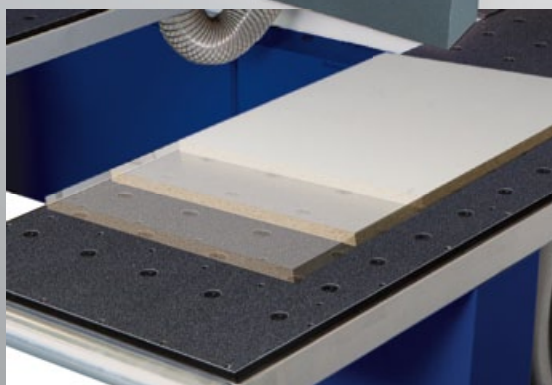
## Redefining productivity

Beam saws are essential for high end production. The Format-4 kappa automatic beam saw guarantees quick cutting cycles and perfect cutting results. The modular cutting optimisation program, with barcode labelling for the next processing steps, guarantees maximum process reliability. Numerous specification options make it possible to configure the machine to individual manufacturing processes.

- Chip free, precise cutting quality
- Simple to operate
- Short cutting cycles
- Maximum repeatability
- Perfect process reliability
- Reliable production flow
- Flexible



Saw carriage with main blade and scoring unit



Air cushion table for the easy processing and positioning of heavy panels



Pneumatically controlled clamps ensure damage free clamping of the material



## kappa V60

### Powerful, accurate and space saving

The new Format-4 vertical panel saw will increase your productivity. The solid, single piece frame construction and a saw carriage running on steel rails guarantees a cut accuracy to one tenth of a millimetre. The handling and operation of the machine are facilitated with the help of a wide range of accessories, already included as part of the machine's standard equipment.



**Moveable rear wall**  
(moving spacers)  
When cutting horizontally the spacers move vertically to avoid being damaged by the saw blade.



**Centre support**  
A bipartite central support designed for small workpieces runs along the total cutting length and can be easily swung out of the way when not required.

# kappa 550 e-motion

The first choice when it comes to panel saws: The particular highlights that impress with the kappa 550 e-motion are the automatic rip fence, unlimited tooling data storage positions and programable cutting programs. From the clearly laid out TFT touch screen control unit you can set all of the machine elements from a central position. Award-winning design, numerous impressive detailed solutions and an amazing operating concept ensure maximum efficiency and a noticeable increase in the productivity of every workshop.



You can find more  
information on our website!  
[www.felder-group.com](http://www.felder-group.com)



## kappa 550 e-motion

- Cutting height 202 mm
- Aluminium sliding table with "X-Roll" precision guiding system
- Cutting length 2200–3700 mm
- Tooling compartment with space for 5 saw blades
- Colour TFT control panel with touchscreen
- Electronic height adjustment with LED display; position controlled
- Electronic angle adjustment with digital LED display (0°–46°); position controlled
- Unlimited number of cut program storage positions
- Unlimited tool storage positions
- Electronic rip fence

## kappa 550



## kappa 550 x-motion







"X-Roll" sliding table



Parking the scoring unit



Parking the outrigger



Change the saw blade without using any tools

The top model for maximum performance and productivity with up to 7 controllable axes.

Setting the standard for size, performance and precision.



design award  
winner

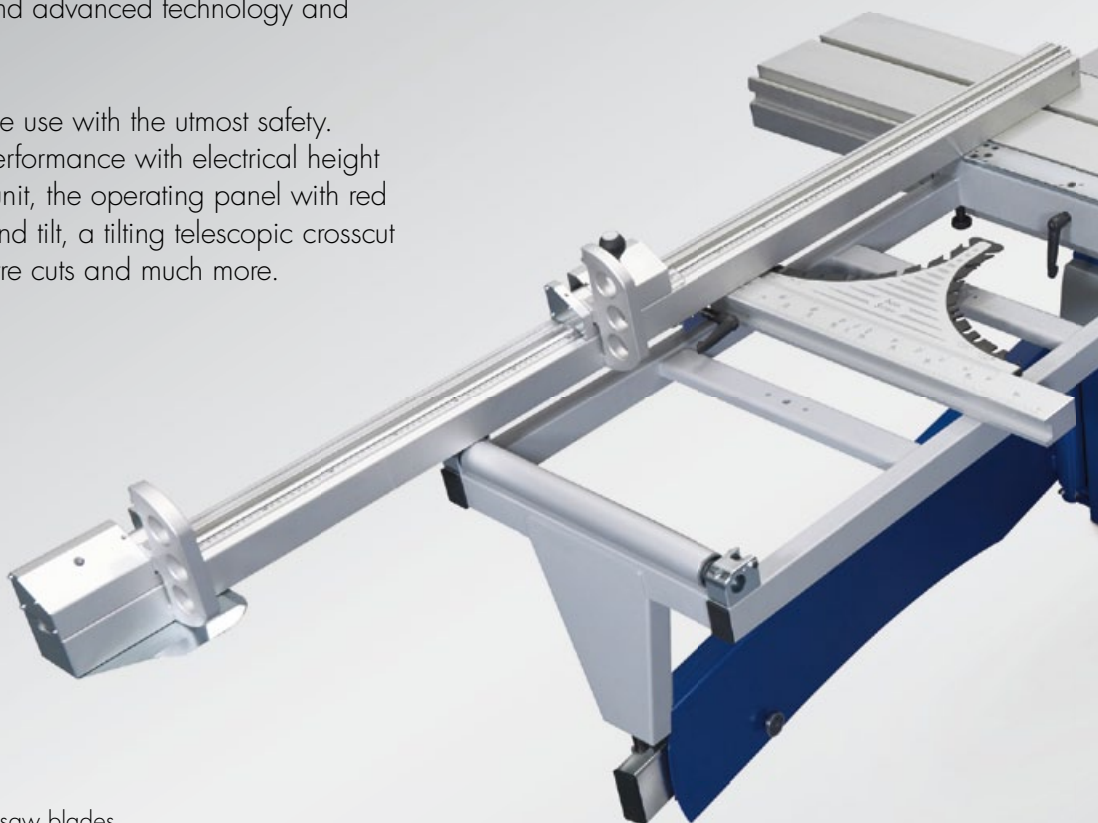


# kappa 400 | 400 x-motion

Optimum performance up to a cutting height of 133 mm! Convincing in all areas

Format-4 sliding table saws reflect our desire for perfection and the courage to find new solutions. Hidden inside the dynamically designed machine chassis you'll find advanced technology and a model of working convenience!

It allows for simple and comfortable use with the utmost safety. Uncompromising standards and performance with electrical height and angle adjustment of the saw unit, the operating panel with red LED-display for sawblade height and tilt, a tilting telescopic crosscut fence on the outrigger table for mitre cuts and much more.



## kappa 400 x-motion

- Cutting height 133 mm
- Aluminium sliding table with "X-Roll" precision guiding system
- Cutting length 2050–3700 mm
- Tooling compartment with space for 5 saw blades
- CNC-drive control unit with 5.7"
- A choice between 3 or 5 axes control

## kappa 400

- Cutting height 133 mm
- Aluminium sliding table with "X-Roll" precision guiding system
- Cutting length 2050–3700 mm
- Tooling compartment with space for 5 saw blades
- Electronic height adjustment with LED display
- Electronic angle adjustment with digital LED display (0°–45°)



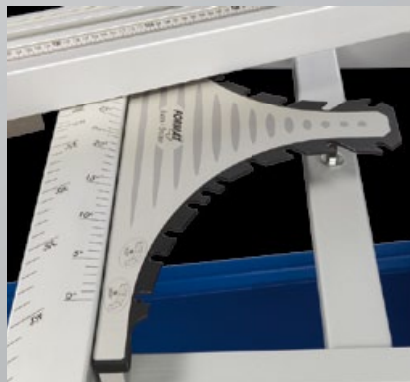




You can find more  
information on our website!  
[www.felder-group.com](http://www.felder-group.com)



"X-Roll" sliding table



Precision mitre guide on the "1100"  
outrigger table



Positioning control of the rip fence

# K 940 S

133 mm cutting height  
Premium quality at the best price

The top panel saw model from Felder impresses with modern design, innovative operating elements, durable precision, extreme performance and maximum operating comfort.



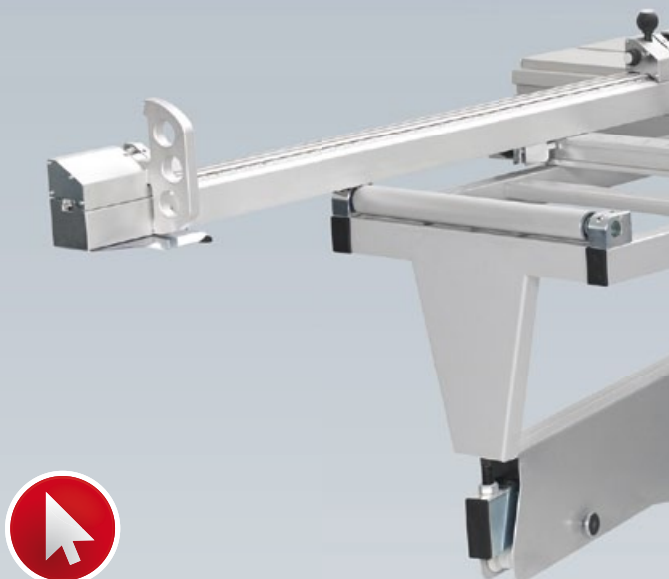
# K 700 S

104 mm cutting height  
Guaranteed Felder quality  
with every cut

The K 700 S panel saw from Felder impresses with its unique technological solutions and operating comfort, especially when working with large dimensioned workpieces.

## K 700 S

- Cutting height 104 mm
- Adjustable saw blade angle 90°–45°
- Maximum saw blade diameter 315 mm
- Rip capacity 800 mm (1250 mm)
- Cutting length 2500–3700 mm
- Scoring unit (option)
- 1300 outrigger table
- 2600 mm crosscut fence for use on the outrigger table



You can find more  
information on our website!  
[www.felder-group.com](http://www.felder-group.com)



## K 940 S

- Cutting height 133 mm
- Adjustable saw blade angle 90°–45°
- Maximum saw blade diameter 400 mm
- Rip capacity 800 mm (1250 mm)
- Cutting length 2050–3700 mm
- Scoring unit (option)
- 1300 outrigger table
- 2600 mm crosscut fence for use on the outrigger table
- 3-speed: 3500/4500/5500 rpm



Accurate to a tenth of a millimetre with "Power-Drive": electrical height adjustment as standard, electrical angle adjustment as an option.



Tilt segment "Easy-Glide"



"X-Roll" sliding table



# K 700 | K 700 Professional

## 104 mm cutting height In a class of their own

The precision K 700 panel saw and K 700 Professional bench saw fulfil the highest of woodworking demands with intelligent innovations and high quality components. The "X-Roll" sliding table system and outrigger table, optional swing away overhead saw guard and the optional "Power-Drive" saw unit control for height and angle adjustment accurate to a tenth of a millimetre offer efficiency and user comfort ensuring every challenge can be met.



Tilt segment "Easy-Glide"



You can find more  
information on our website!  
[www.felder-group.com](http://www.felder-group.com)

### K 700 Professional

- Cutting height 104 mm
- Adjustable saw blade angle 90°–45°
- Maximum saw blade diameter 315 mm
- Rip capacity 800 mm (1250 mm)
- Cutting length 2050–2500 mm
- Scoring unit (option)
- 1100 mm outrigger table
- 2600 mm crosscut fence for use on the outrigger table

### K 700

- Cutting height 104 mm
- Adjustable saw blade angle 90°–45°
- Maximum saw blade diameter 315 mm
- Rip capacity 800 mm (1250 mm)
- Cutting length 1300–2500 mm
- Scoring unit (option)
- Crosscut fence 1100 mm



## K 540 S

137 mm cutting height  
The strong panel saw for  
discerning demands

The Felder K 540 S panel saw with its impressive 137 mm cutting height, the new precision circular saw unit and convincing efficiency. On request, an electrical scoring unit with removable shaft ensures first-class, professional productivity. This Felder solution enables the dismantling of the scoring unit in next to no time, protecting it from resinous residue during solid wood processing.



Felder K 540 S with innovative scoring unit quick-change-system



Rip fence with fine adjustment



### K 540 S

- Cutting height 137 mm
- Adjustable saw blade angle 90°–45°
- Overhead saw guard
- Aluminium sliding table with "X-Roll" precision guiding system
- Cutting length 2500–3200 mm
- Outrigger table 1300
- 2600 mm crosscut fence for use on the outrigger table

### K 500 S

- Cutting height 104 mm
- Adjustable saw blade angle 90°–45°
- Aluminium sliding table with "X-Roll" precision guiding system
- Cutting length 2500–3200 mm
- Outrigger table 1300
- 2600 mm crosscut fence for use on the outrigger table

# Planer-Thicknessers

## Reliability for many years to come

Smooth planing finish and complete reliability – Felder planer/thicknessers with proven system solutions impress woodworkers with a sensational price-performance ratio.



### AD 941

- Surface planing width 410 mm
- Planer table length 2200 mm
- 2-knife Felder system cutterblock
- Dual lifting planer tables
- Planing table with a prism guide
- Thicknessing width 404 mm
- Thicknessing height 3–250 mm
- 4-spindle lift of the thicknesser table
- 2-speed synchronised feed, 6 and 12 m/min



### AD 951

- Surface planing width 510 mm
- Planer table length 2250 mm
- 4-knife Felder cutterblock system
- Dual lifting planer tables
- Planing table with a prism guide
- Thicknessing width 504 mm
- Thicknessing height 3–254 mm
- 4-spindle lift of the thicknesser table
- Variable speed 4–16 m/min

Synchronous opening of the planing tables



### AD 741

- Surface planing width 410 mm
- Planer table length 2000 mm
- 2-knife Felder system cutterblock
- Dual lifting planer tables
- Thicknessing width 404 mm
- Thicknessing height 3–230 mm
- 2-speed synchronised feed, 6 and 12 m/min



### AD 531

- Surface planing width 310 mm
- Planer table length 1500 mm
- 2-knife Felder system cutterblock
- Dual lifting planer tables
- Thicknessing width 306 mm
- Thicknessing height 3–220 mm
- 2-speed synchronised feed, 6 m/min





## Thicknessers

### Perfect planing technology

Felder thicknessers offer even more precision and quality than you could have ever before imagined from a thicknesser. It's fast and easy to change the planer knives. In less than a few minutes you can change all knives in the cutterblock. Felder planer knives are set and ready to use



#### D 951

- Thicknessing width 504 mm
- Thicknessing height 3–254 mm
- 4-knife Felder cutterblock system
- Protective felt cover
- 4 spindle guiding for thicknesser table
- Variable speed 4–16 m/min



#### D 963

- Thicknessing width 630 mm
- Thicknessing height 3–300 mm
- 4-knife Felder cutterblock system
- Protective felt cover
- 4 spindle guiding for thicknesser table
- Variable speed 4–16 m/min

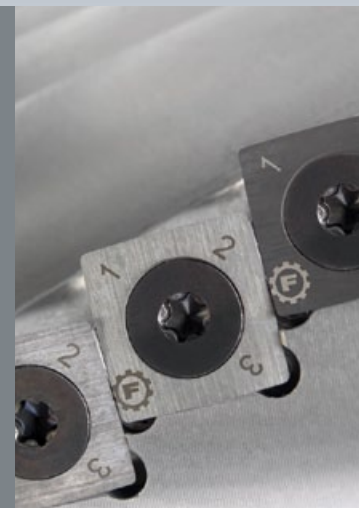


"Digi-Drive" - thicknesser table control, precision at the touch of a button

#### Silent-POWER®

Exclusively for planers from Felder, the Silent-POWER® spiral cutterblock reduces the noise emission by more than half. Specially developed, quick change tungsten carbide blades offer a usable life 20 times longer than that of standard blades and a pulling cut ensures a splinter free planing finish on every type of wood.

**VIDEO**  
online  
<http://fg.am/silentpower>



# profil 45 Z | profil 45 M

## Moulding comfort of another class

Elegant, perfectly designed and intelligent - the Format-4 profil 45 offers perfection at the push of a button regardless of the operation. Premium woodworking of the highest level with quality from Austria.

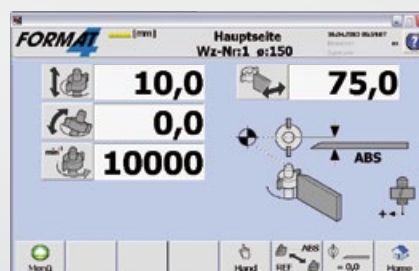
### profil 45 M

- Electrical height adjustment of the moulding spindle
- Electric moulder spindle angle adjustment
- Electric spindle moulder fence setting
- LED display on the control panel
- LED display on moulder fence
- Sawdust extractor below the table
- 320 mm moulder table opening
- Quick-change system for moulder spindle
- Solid cast iron table for vibration-free stability



### profil 45 Z

- Electrical height adjustment of the moulding spindle
- Electric moulder spindle angle adjustment
- Electric spindle moulder fence setting
- LED display on the control panel
- LED display on moulder fence
- Sawdust extractor below the table
- 320 mm moulder table opening
- Quick-change system for moulder spindle
- Slotting and tenoning table and many other details.

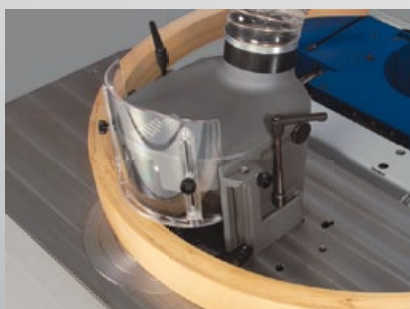


### "x-motion" control

- 7" TFT colour monitor built into the overhead panel
- Touch screen control
- The spindle moulder fence can be positioned precisely
- Spindle height and angle control at the touch of a button
- Specific configurable moulding programs
- Individual user administration
- Tool database
- Quick referencing of the spindle height and angle after changing the tool
- Correction of the spindle height and fence following an adjustment of the angle
- Changing between absolute and incremental values



Convenient electronic spindle fence positioning



Moulder fence with tilt-away bracket



## F 900 Z | F 900 M

320 mm table opening

For top performance in small businesses to large industry

The Felder 900 series spindle moulders were designed to deliver exceptional performance under the most demanding conditions. The inner workings of the machine have been elegantly designed and incorporate the finest machining technology. The extremely precise construction and user friendly operation produce a perfectly machined workpiece. These features have made Felder woodworking machines a best seller worldwide.

### F 900 Z

- Spindle moulder tiltable from 90° to 45°
- Quick-change spindle system
- "230" spindle fence for max. tooling diameter 230 mm
- Multi-adjustment system for spindle moulder fence
- Table opening 320 mm
- Dual dust extraction system
- Integrated slot and tenoning table
- Electronic height adjustment

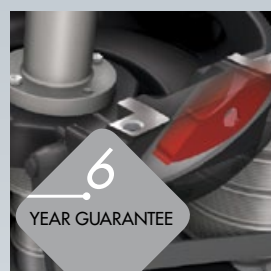


Fully electric: with "Power-Drive" spindle height and angle adjustment

Standard: Quick spindle exchange system

### F 900 M

- Spindle moulder tiltable from 90° to 45°
- Quick-change spindle system
- "230" spindle fence for max. tooling diameter 230 mm
- Multi-adjustment system for spindle moulder fence
- Table opening 320 mm
- Dual dust extraction system
- Electronic height adjustment



Tilt segment "Easy-Glide"



MULTI-fine adjustment, automatic repeatability



Integrated slot and tenoning table

# F 700 Z | F 700 M

230 mm table opening  
Ready for every challenge

Are you looking for versatility, high quality and performance with the ability to perform both standard and curved moulding operations, all at a fair price? Then the F 700 is exactly the right machine for you!

## F 700 Z | F 700 M

- Spindle moulder tiltable from 90° to 45°
- Quick-change spindle system
- "230" spindle fence for max. tooling diameter 230 mm
- Multi-adjustment system for spindle moulder fence
- Table opening 230 mm
- Dual dust extraction system
- Integrated slot and tenoning table (F 700 Z)
- Solid cast iron table for vibration-free stability (F 700 M)



Standard: Changing of the spindle shift with minimal effort



Fully electric: with "Power-Drive" spindle height and angle adjustment



Integrated slot and tenoning table



## F 500 M | F 500 MS

180 mm table opening

For convincing spindle moulding results

An unbeatable offer for discerning woodworkers: The large, solid ribbed cast iron moulding table, strong table extensions (F 500 MS), a professional spindle fence and height adjustable spindle aggregate offers professional moulding results at an amazing price. With just a couple of turns of your hand, the spindle shaft can be swapped with varying diameters, without losing any of the settings.

### F 500 M | F 500 MS

- Stable table extensions and pull out front support (F 500 MS)
- Height adjustable spindle
- Multi-adjustment system for spindle moulder fence (Option)
- Forward and reverse run
- Quick spindle shaft changes of various diameters (Option)



MULTI-adjustment system, automatic repeatability

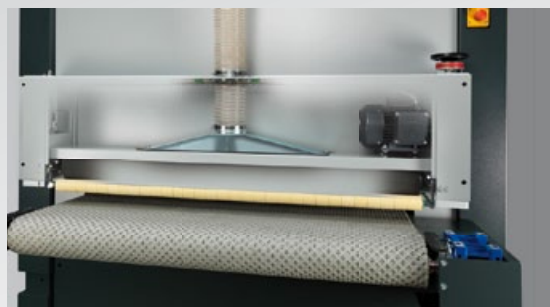
Solid cast iron tables

Spindle shaft quick change system: Professional level productivity for every workshop

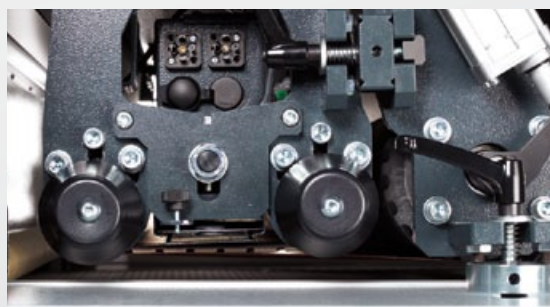
## finish 1350 classic

The only option if you are looking for a better than perfect workpiece finish

Format-4 wide belt sanders are characterised by their solid construction, modern machine technology and maximum productivity. You can choose: 1100 mm or 1350 mm working width, different sanding units, combination units and lots more. With premium quality, absolute precision and highest user comfort a great finish is guaranteed.



Brushing equipment (Option)



Segmented electro-pneumatic sanding shoe



Combination super finish aggregate

### finish 1350 classic

- Sanding width 1,350 mm
- Sanding height 3–170 mm
- Constant working table height
- Contact roller aggregate
- Combination super finish aggregate
- Touch-screen control
- Segmented sanding pad with 25 mm segment width

### finish 1350 classic gloss

- Sanding width 1,350 mm
- Sanding height 3–170 mm
- Constant working table height
- Cross section unit
- Combination super finish aggregate
- Touch-screen control
- Segmented sanding pad with 25 mm segment width





# FW 950 classic | FW 1102 classic

## Professional surface processing at an amazing price

Standard equipment such as electronically controlled conveyor feed, hand safety stop and stop to ensure that oversized pieces cannot be fed through, powerful motors, mechanical suspended pressure rollers and an absolute vibration-free power transmission to the sanding aggregate guarantee reliability and an excellent sanding finish.



### → Superior surface finishing

For calibration sanding, fine and veneer work.

### → Perfect adaptation by means of an inverter

Variable feed speed and separate pressure regulation in the sanding pad.

### → Precise sanding results

By fine adjustment of the passage height in 0.1 mm steps from the operating panel.

### → Maximum ease of use, innovative technology

By virtue of the digital grit compensation, the sanding grit used can be selected from the operating panel easily and with extreme precision.

### → Easy handling

The machine can be operated completely without the need for tools. All adjustments can be carried out directly from the control panel.



### FW 950 classic

- Sanding width 950 mm
- Sanding height 170 mm
- Combination aggregate with electro-pneumatic sanding shoe
- Variable feed speed 0.1–10 m/min (inverter controlled)
- Space saving design, floor area requirement of only 1.6 m<sup>2</sup>

### FW 1102 classic

- Sanding width 1100 mm
- Sanding height 170 mm
- Two processing units: Pre and fine sanding in one working process
- Contact roller unit
- Combination aggregate with electro-pneumatic sanding shoe
- Variable feed speed 0.1–10 m/min (frequency controlled)

# KF 700 S Professional

Performance and precision  
without compromise

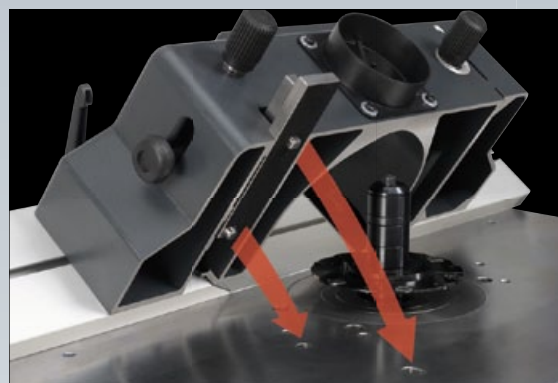
Panel saw and tilting spindle moulder - with the KF 700 saw-spindle moulder Felder has combined two top quality professional woodworking machines forming an unbeatable combination. Innovative detail solutions, tried and tested Felder technology and perfect components for perfect woodworking.



Saw and spindle aggregate with  
"Easy-Glide" tilting segment guide



"X-Roll" sliding table



MULTI-fine adjustment, automatic repeatability



Standard: Changing of the spindle shift with minimal effort

## KF 700 S Professional

- Cutting height 104 mm
- Adjustable saw blade angle 90°–45°
- Rip capacity 800 mm (1250 mm)
- Spindle moulder tiltable from 90° to 45°
- Forward and reverse run
- "230" spindle fence for max. tooling diameter 230 mm
- Outrigger table 1300/1500 mm
- Crosscut fence



You can find more  
information on our website!  
[www.felder-group.com](http://www.felder-group.com)



Panel saws with a  
large support surface



Spindle moulders with  
a large outrigger table



## KF 500

- Cutting height 102 mm
- Adjustable saw blade angle 90°–45°
- Rip capacity 800 mm
- Spindle moulder tiltable from 90° to 45°
- Forward and reverse run
- "220" spindle moulder fence for max. tooling diameter 220 mm
- Spindle shaft quick change system
- Crosscut fence



# 700 series | 500 series

## A perfect combination of 5 stand alone machines

All you need to achieve excellent woodwork results within two and a half square meters: CF woodworking centres combine the benefits of five single machines with over 55 years of machine development to create the best combination machines ever. Planing, thicknessing, cutting, moulding and mortising - a fully equipped workshop in a single machine.



"X-Roll" sliding table



Quick spindle exchange system



Silent-POWER® cutterblock



MULTI-fine adjustment



### CF 741 Professional

- Surface planing width 410 mm
- Planer table length 1640 mm
- 2-knife Felder system cutterblock
- 2-speed synchronised feed, 6 and 12 m/min
- Spindle moulder tiltable from 90° to 45°
- Forward and reverse run
- "230" spindle fence for max. tooling diameter 230 mm
- Crosscut fence for use on the outrigger table 2600/3200 mm
- MULTI fine adjustment
- Saw blade tiltable from 90° to 45°
- Format sliding table 2050 mm (2500 mm)
- 1100 outrigger table
- Crosscut fence



### CF 741

- Surface planing width 410 mm
- Planer table length 1640 mm
- 2-knife Felder system cutterblock
- 2-speed synchronised feed, 6 and 12 m/min
- Spindle moulder tiltable from 90° to 45°
- Forward and reverse run
- "230" spindle fence for max. tooling diameter 230 mm
- Saw blade tiltable from 90° to 45°
- Sliding table 1300 mm
- Crosscut fence



## CF 741 S Professional

- Surface planing width 410 mm
- Planer table length 1640 mm
- 2-knife Felder system cutterblock
- 2-speed synchronised feed, 6 and 12 m/min
- Spindle moulder tiltable from 90° to 45°
- Forward and reverse run
- "230" spindle fence for max. tooling diameter 230 mm
- MULTI-fine adjustment
- Saw blade tiltable from 90° to 45°
- Format sliding table 2500 mm
- Outrigger table 1300/1500



"Power-Drive" equipment (Option)



## CF 531 Professional

- Surface planing width 310 mm
- Planer table length 1500 mm
- 2-knife Felder system cutterblock
- Synchronised feed speed 6 m/min
- Spindle moulder tiltable from 90° to 45°
- "230" spindle fence for max. tooling diameter 230 mm
- MULTI fine adjustment
- Saw blade tiltable from 90° to 45°
- Sliding table 2050 mm (2500 mm)
- 1100 outrigger table
- Crosscut fence



## CF 531

- Surface planing width 310 mm
- Planer table length 1500 mm
- 2-knife Felder system cutterblock
- Synchronised feed speed 6 m/min
- Spindle moulder tiltable from 90° to 45°
- "220" spindle fence for max. tooling diameter 220 mm
- Saw blade tiltable from 90° to 45°
- Sliding table 1000 mm
- Crosscut fence

# AF Dust extractors

The AF 22 is the top seller among the standard extraction units and is available as a mobile or stationary model. With a footprint of only 1300 x 580 mm, the AF 22 is a real space-saver. Its vacuum power measures an exceptional 3100 m<sup>3</sup>/h, which means the AF 22 is unmatched in this price/performance class. The two chip bags can hold up to 400 litres and are especially easy to change thanks to the chip double-bag system. The AF 22 can be ordered with a vacuum hose or vacuum pipe connection as required



## Save time! Change the chip bag in just 15 seconds

**4 seconds:** to open the seals and remove the full chip bag.

**8 seconds:** to attach a new chip bag.

**3 seconds:** to close the seals again.

**15 seconds: record time**

Dust extractors and clean air dust extractors help to ensure professional results whatever your budget.





## RL Clean-Air Dust Extractors

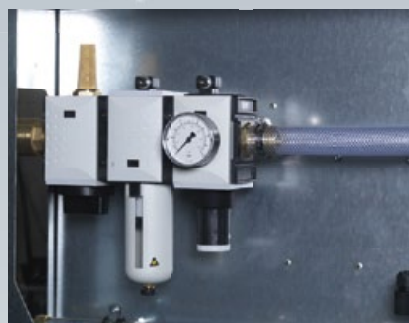
Business, industry and hobby woodworkers significantly profit from using Felder clean air dust extractors. These are available in various price and performance classes. Clean air dust extractors are mobile, save space and offer the highest level of performance and flexibility. All models achieve dust emissions of less than  $0.1 \text{ mg/m}^3$ , in accordance with H3. The fan is uniquely positioned at the clean air side, thereby creating negative pressure throughout and preventing any dust escaping.



Clean Air Dust Extractor with Wood Chip Briquetting Press



- Clean Air Dust Extractors
- Minimal footprint
- Maximum negative pressure
- Sensational value for money
- Integrated noise reducer
- Optimised chip distribution between the dust collection bins
- The most efficient machine in its class



High standards: Water fire extinguisher and pneumatic filter cleaning



The dust collection bins are positioned under the machine ensuring an optimised, equal filling of the dust bags. The optimised clamping system ensures a quick dust bag changeover.

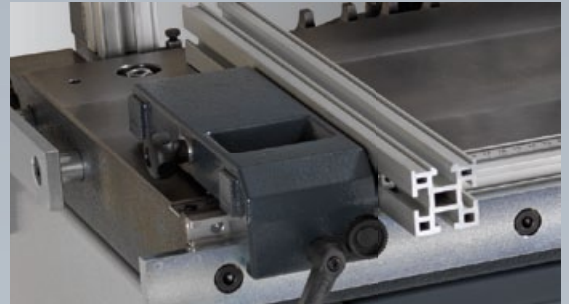
# FD 21 professional

The multi boring machine for precise and accurate operation

- 21 spindle unit
- Adjustable fence
- Combination adapter unit for cabinet hinges
- Pivot the boring head to 45 degrees
- End stop at 37 mm for cabinet hinges and line boring



The drilling unit can be tilted from 0°–90° using compressed air.



Solid side fences left and right with a profile of 420 mm.



Fence depth adjustable up to 300 mm with a scale.

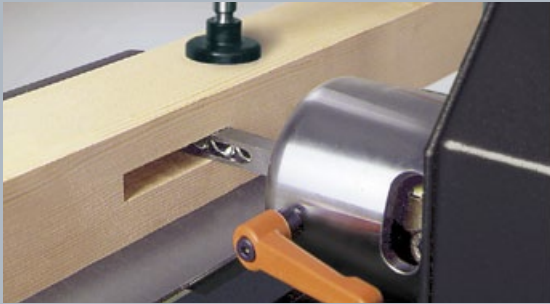


Optional:  
Massive support surface



# FD 250

## Horizontal Mortising Machine



- Motor power 3.0 HP (2.2 kW)
- Single hand lever operation
- Capable of square mortising with the optional chisel attachment

### Optional

- Variable speed with 1x 230 V
- 2 motor with 3x 400 V speed



# FS 722

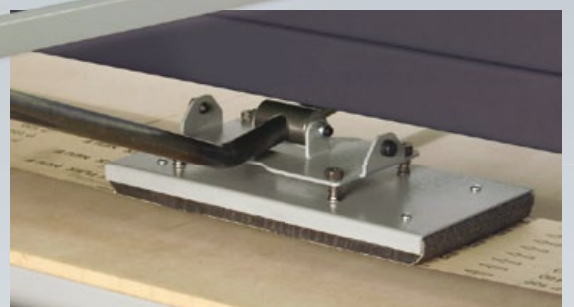
## Perfect sanding results of every shape and size



- 4.0 HP (3.0 kW) motor
- Professional sanding shoe
- Sanding length 2200 mm
- Frame sanding device 600 mm

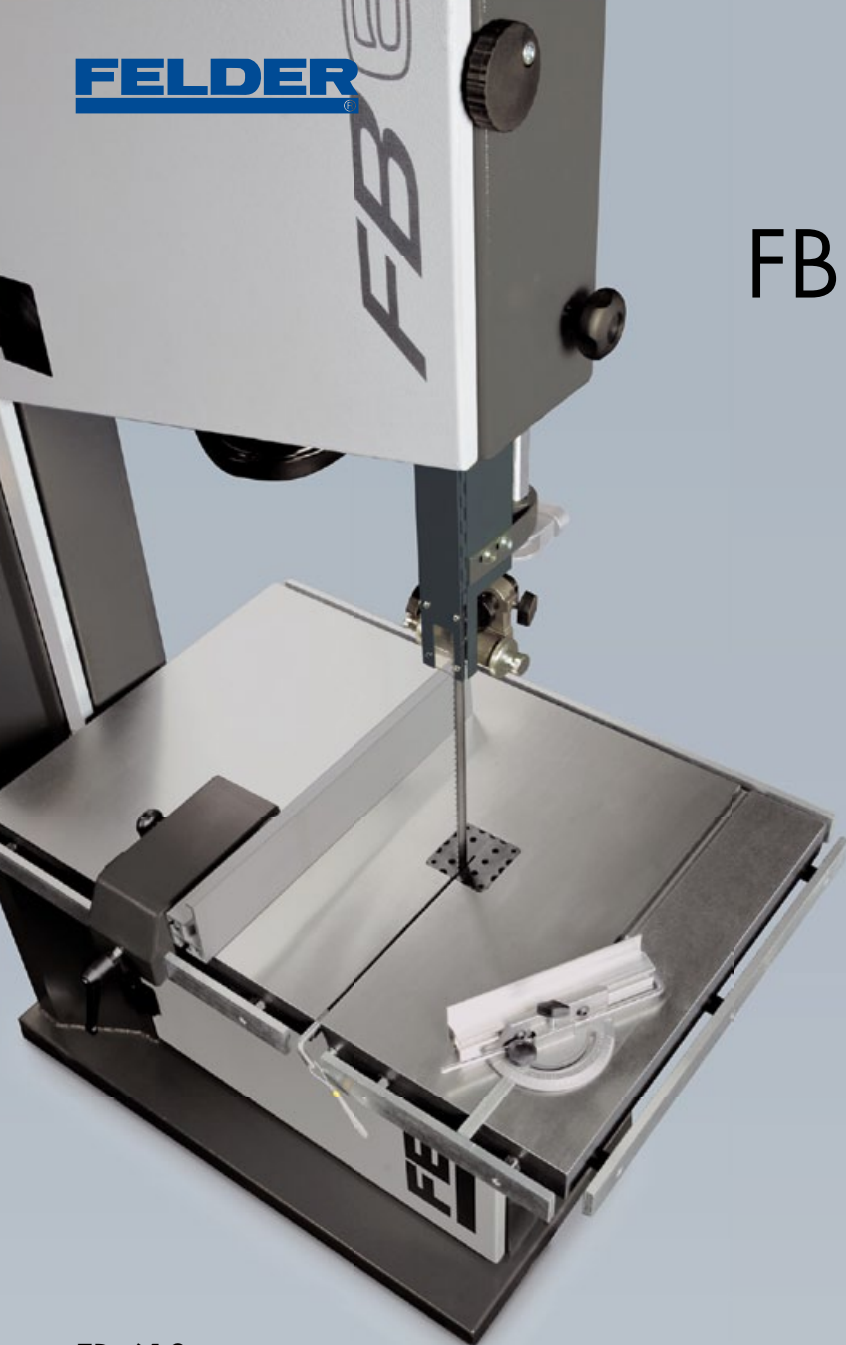
### Optional

- Motor power 5.5 HP (4.0 kW)
- Electrical table height adjustment
- Light for working surface





# FB 510|610|710



## FB 610

- Motor power 4.0 HP (3.0 kW) S6
- Table size 560 x 850 mm
- Fly wheel dia. 600 mm
- Cutting height 410 mm
- Rip capacity 575 mm
- Cutting speed 1500 m/min
- Tilttable table -5° – +45°



## FB 710

- Motor power 5.5 HP (4.0 kW) S6
- Table size 700 x 840 mm
- Fly wheel dia. 710 mm
- Cutting height 460 mm
- Rip capacity 690 mm
- Cutting speed 1278 m/min
- Tilttable table -5° – +45°



## N4400 | N3800

... impressive features that you will only find on the HAMMER bandsaw:

Looking for a bandsaw that is flexible, well equipped for a reasonable price? Then you are exactly right with the N3800/N4400.

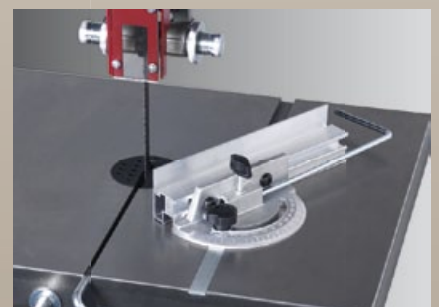
Standard features include saw-blade guides both above and below the table, saw blade tension indicator, tilting machine table and many others – a comprehensive package at a great price!

### N3800

- Motor power 3x 400 V/2.0 HP  
(Motor power 1x 230 V/2.0 HP)
- Cutting height 310 mm
- Rip capacity 360 mm
- Table size 400 x 510 mm
- Saw blade speed 850 rpm
- Solid cast iron table
- Tilttable table -5° max. +45°
- large wheels (dia. 380 mm)
- Upper and lower bandsaw guides
- Saw blade tension indicator
- Optional: Handy accessories:  
mitre fence, rolling carriage

### N4400

- Motor power 3x 400 V/3.5 HP  
(Motor power 1x 230 V/3.5 HP)
- Cutting height 310 mm
- Rip capacity 420 mm
- Table size 420 x 575 mm
- Saw blade speed 850 rpm
- Solid cast iron table
- Tilttable table -10° max. +45°
- large wheels (dia. 440 mm)
- Upper and lower bandsaw guides
- Saw blade tension indicator
- Optional: mitre fence, table  
extensions, rolling carriage



## A3 41 | A3 31

410 mm planing width for the true woodworking professional!

Long, solid ribbed cast iron planing tables guarantee maximum precision when planing.

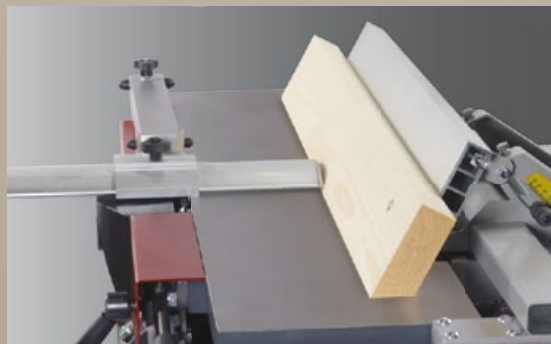
The 3 knife quick-change, self-setting cutterblock enables planer knife changes in a matter of seconds and produces a finish that will please even the most critical eye.

For mortising you can, as an option, equip your Hammer with the horizontal mortiser.



**VIDEO**  
online

<http://fg.am/331eng>





All planer/thicknessers are also available with the new Silent-POWER® spiral knife cutterblock.



**VIDEO**  
online

<http://fg.am/silentpower>



You can find more information on our website!  
[www.felder-group.com](http://www.felder-group.com)

## A3 41

- 5.5 HP motor
- Surface planing width 410 mm
- Surface planer table length 1800 mm
- 3 knife quick-change, self-setting cutterblock system
- Planer fence tilts from 90° to 45°

## A3 31

- 4.0 HP motor
- Surface planing width 310 mm
- Surface planer table length 1400 mm
- 3 knife quick-change, self-setting cutterblock system
- Planer fence tilts from 90° to 45°



Quick conversion from planing to thicknessing. Dual, simultaneous lifting of planer tables.

Hammer table extension system for all planer tables.

## C3 31

### Your workshop in one machine – extremely compact!

A limited work space does not have to mean that what you can expect from a combined machine is also "limited". Quite on the contrary, your Hammer C3 31 combination machine satisfies the greatest demands, in the smallest space with perfect results.

Modern machine technology permits fast adjustment work, be it when planing, sawing, moulding or mortising.

The sensational value for money, the "user-friendliness", versatility and precision cannot be beaten in this class, see for yourself.

For mortising you can, as an option, equip your Hammer with the horizontal mortiser.



Spindle shaft quick change system: Professional level productivity for every workshop



### C3 31

- 3 motors 4.0 HP
- Planing width 310 mm
- Surface planer table length 1400 mm
- 3-knife quick-change self-setting cutterblock system
- Saw blade tilt 90°–45°
- 4 speed moulding 3,000/6,000/8,000/10,000 rpm
- New: Quick spindle shaft changes of various diameters
- Sliding table 800 mm (1250 mm/2000 mm)
- Crosscut fence 900 mm
- Solid cast iron tables and units
- Forward and reverse run
- Preparation for dado tooling up to 19.5 mm width (Option)

### C3 31 comfort

- 3 motors 4.0 HP
- Planing width 310 mm
- Surface planer table length 1400 mm
- 3-knife quick-change self-setting cutterblock system
- Saw blade tilt 90°–45°
- 4 speed moulding 3,000/6,000/8,000/10,000 rpm
- New: Quick spindle shaft changes of various diameters
- Solid cast iron tables and units
- Forward and reverse run
- Preparation for dado tooling up to 19.5 mm width (Option)

#### Comfort Feature Package

- Sliding table 2000 mm
- Outrigger table
- Precision mitre index
- Crosscut fence 1300 mm

## B3

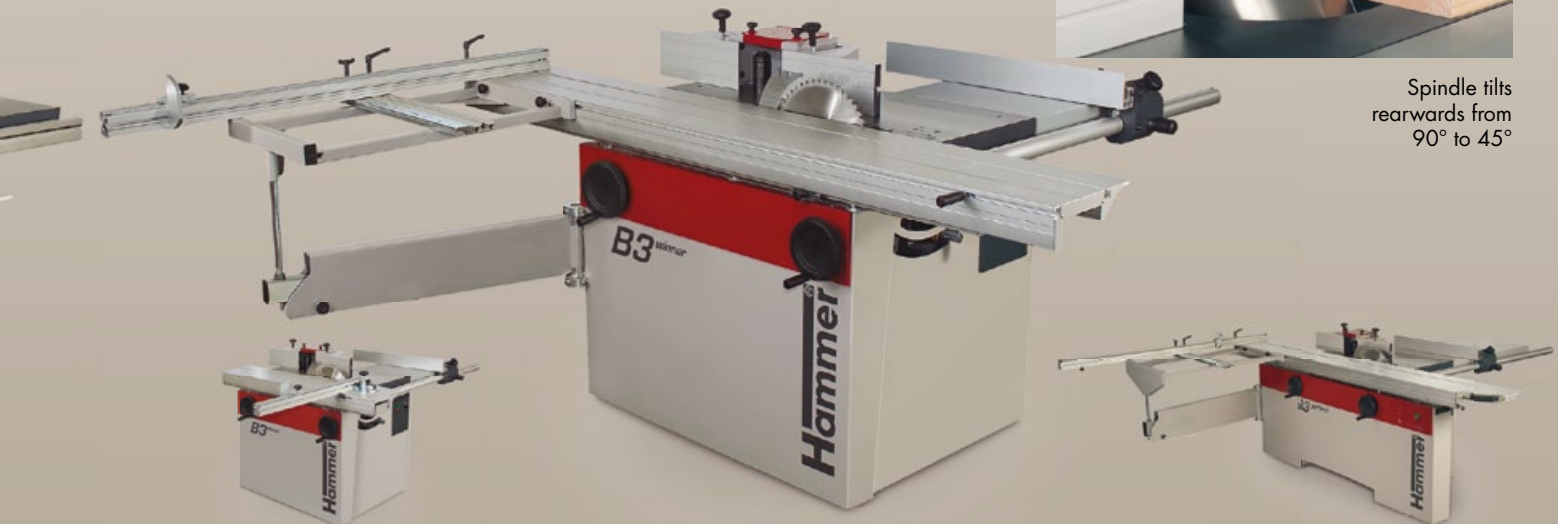
### Cutting and moulding for the discerning woodworker

With the B3 winner you, as a discerning woodworker, are investing in a combined panel saw and spindle moulder that is in a class of its own. The smooth action of the generously sized format sliding table will impress you even before you make the first cut. The panel saw and spindle moulder units have been optimised with regard to precision and performance. Professional stops ensure exact cross and parallel cuts as well as spindle work.

Fast and easy: Innovative Hammer technology allows you to conveniently switch from one application to another.



Spindle tilts rearwards from 90° to 45°



#### B3 winner

- 2 motors 4.0 HP (5.5 HP)
- Saw blade tilt 90°–45°
- Spindle moulder tiltable from 90° to 45°
- 4 speed moulding  
3,000/6,000/8,000/10,000 rpm.
- New: Quick spindle shaft changes of various diameters
- Sliding table 1250 mm (2000 mm)
- Crosscut fence 900 mm
- Rip fence winner with large round guiding bar
- Rip capacity 800 mm (1250 mm)
- Solid cast iron tables and units
- Preparation for dado tooling up to 19.5 mm width (Option)

#### B3 winner comfort

- 2 motors 4.0 HP (5.5 HP)
- Saw blade tilt 90°–45°
- Spindle moulder tiltable from 90° to 45°
- 4 speed moulding  
3,000/6,000/8,000/10,000 rpm
- New: Quick spindle shaft changes of various diameters
- Rip fence winner with large round guiding bar
- Rip capacity 800 mm (1250 mm)
- Solid cast iron tables and units

##### Comfort Feature Package

- Sliding table 2000 mm
- Outrigger table
- Precision mitre index
- Crosscut fence 1300 mm

#### B3 perform

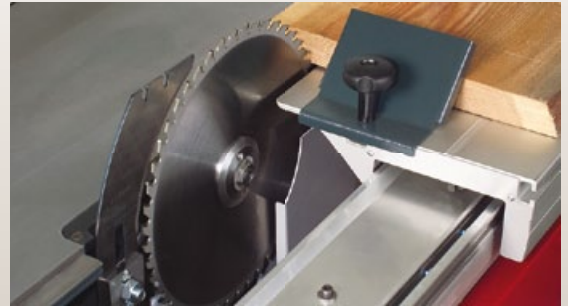
- 2 motors 5.5 HP
- Saw blade tilt 90°–45°
- Spindle moulder tiltable from 90° to 45°
- 4 speed moulding  
3,000/6,000/8,000/10,000 rpm
- New: Quick spindle shaft changes of various diameters
- Sliding table 2500 mm
- Rip fence winner with large round guiding bar and fine adjustment
- Rip capacity 800 mm (1250 mm)
- Double mitre gauge on the outrigger table 2600 mm
- Solid cast iron tables and units
- optional precision mitre index



## K3 winner

Size, performance and accuracy through established HAMMER technology

The K3 winner, with the Comfort Feature Package, is a format circular saw that boasts high-quality Hammer technology, unique ease of operation and innovative solutions that are obvious in every detail. The Comfort Feature Package, available at a great price, contains additional features such as the 2000 mm format sliding table, outrigger table with mitre index system that meet the high demands of professionals. There are also many other useful accessories available to fulfil your individual needs.



### K3 winner

- Motor power 4.0 HP (5.5 HP)
- Saw blade tilt 90°–45°
- Sliding table 1250 mm (2000 mm)
- Rip fence winner with large round guiding bar
- Rip capacity 800 mm (1250 mm)
- Crosscut fence 900 mm
- Solid cast iron tables and units

### K3 winner comfort

- Motor power 4.0 HP (5.5 HP)
- Saw blade tilt 90°–45°
- Rip fence winner with large round guiding bar
- Rip capacity 800 mm (1250 mm)
- Solid cast iron tables and units

#### Comfort Feature Package

- Sliding table 2000 mm
- Outrigger table
- Precision mitre index
- Crosscut fence 1300 mm

## K4 perform

The K4 is the most robust HAMMER panel saw that has ever been built

Top performance at a great value price. The new Hammer K4 is the entry model into the world of Felder-Group industrial panel saws. The optimised, large dimensioned aluminium sliding table has been designed and developed for maximum load bearing capacity. The precision guiding system guarantees a smooth and easy slide, ensuring precise format, rip, cross and mitre cuts.



Fully equipped as standard.

The Hammer K4 offers an electric scoring unit, 1250 mm cutting width on the rip side, up to 3200 mm cutting length and 1290 mm outrigger table as part of its standard specification. This is more than sufficient for the processing of large panels.

### K4 perform

- Motor power 5.5 HP (7.5 HP)
- Saw blade tilt 90°–45°
- Sliding table 3200 mm
- Professional fence from machine casting
- Rip capacity 1250 mm
- Solid cast iron tables and units
- Optional precision mitre index
- Preparation for dado tooling up to 19.5 mm width (Option)
- Overhead saw guard (Option)

## F3



## Extremely powerful

Integrated tenoning table with large aluminium profile, heavy spindle moulder fence, 4 spindle speeds for greater tooling versatility, forward and reverse switch, ...

### F3

- Motor power 4.0 HP (5.5 HP)
- Spindle moulder tiltable from 90° to 45°
- 4 speed moulding 3,000/6,000/8,000/10,000 rpm
- Slot and tenon table 800 mm (1250 mm/2000 mm)
- Solid cast iron tables and units
- "220" spindle moulder fence for max. tooling diameter 220 mm
- Quick spindle shaft changes of various diameters



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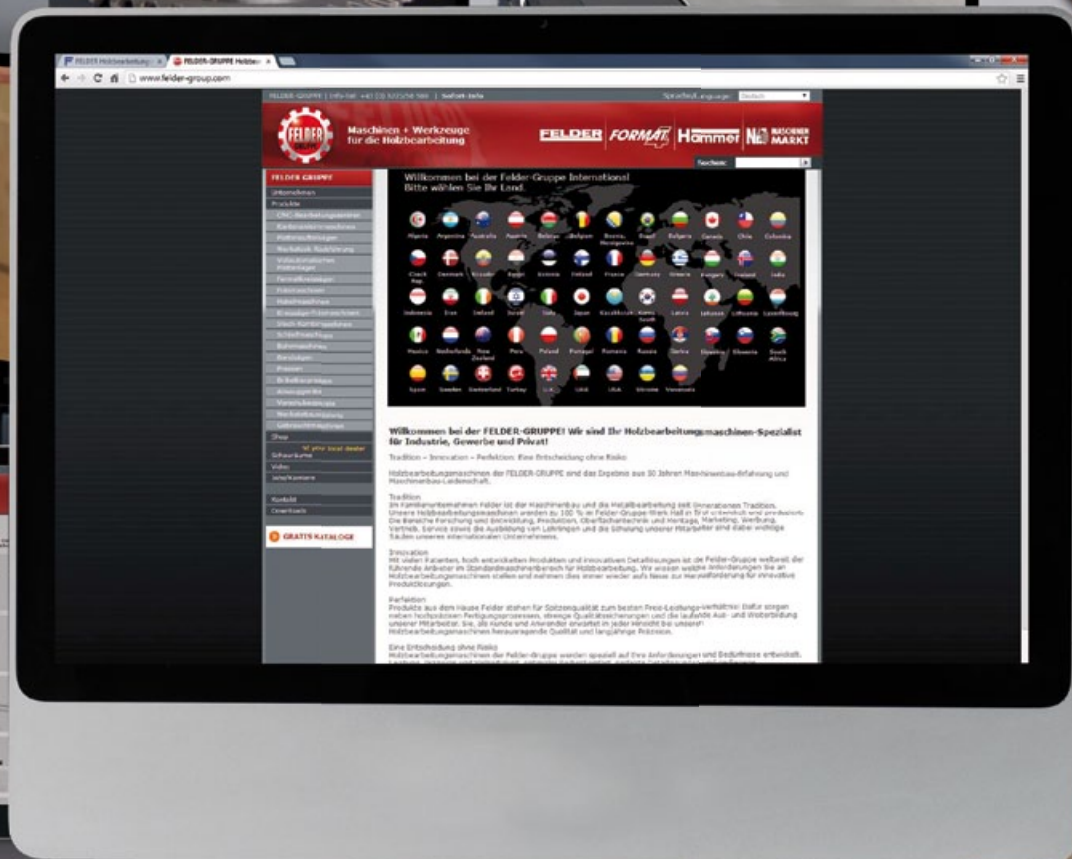




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## Panel saws



kappa 550 e-motion



kappa 550 x-motion



kappa 550



K 700 S



K 700 Professional



K 700



K 540 S

## Planer-Thicknessers | Planers | Thicknessers



exact 63



exact 51



D 963



D 951



plan 51



plan 51L



A3 41



A3 41A



A3 31



A3 26



A3 41D

## Spindle moulders



profil 45 Z  
profil 45 Z x-motion



profil 45 M  
profil 45 M x-motion



F 900 M



F 900 Z

## Combination machines



CF 741 S Professional



CF 741 Professional



CF 741



CF 531 Professional





kappa 400 x-motion



kappa 400



K 940 S



K 500 S



K 500  
K 500 Professional



K4 perform



K3 winner  
K3 winner Comfort



K3 basic



dual 51



A 951



A 941



AD 951



AD 941

## Saw | Spindle Moulder



F 700 M



F 700 Z



F 500 M  
F 500 MS



F 3



KF 700 S Professional



CF 531



C3 31 perform



C3 31 Comfort



C3 31



## Edgebanders



tempora 60.12 x-motion plus  
tempora 60.12 e-motion



tempora 60.08 x-motion plus



G 680 |  
670 | 660



G 500

## Wide belt sanders



finish 1350 classic  
finish 1350 classic gloss



finish 1102  
finish 1302



FW 1102  
FW 1100



FW 950 classic  
FW 1102 classic

## Drilling machines



FD 21



FD 250



D3



FS 722



FS 900 KF  
FS 900 K

## Stroke sanders

## CNC machining centres



profit H350 | H500



profit H10



profit H200 | H300



profit H08



c-express 920 classic



G 480



G 360



G 330|320



G 220



ForKa 300 ECO

## Bandsaws



FB 510|610|710  
640|740|840|940



N 4400



N 3800

## Dust extractors



RL 125|140|160  
200|250|300|350



AF 22



AF 16



AF 14



AF 12



S01

## Beam saw



kappa automatic 60|80|100

## Heated veneer press



HVP

## Wood chip briquetting press



FBP 70|60|50

## Membrane press



MVP 300



kappa V60



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