MACHINES - TOOLS - ACCESSORIES

CATALOGUE

EVERYTHING FROM A SINGLE PROVIDER





WE ARE THERE FOR YOU

WITH SALES, CONSULTING, CUSTOMER SERVICE AND SUPPORT - ON ALL CHANNELS - WORLDWIDE!

The last year was a very challing one for us. The massive restrictions on public life have left us all facing a completely new reality. Many things have changed, many things will still change, but one thing remains the same: We are here for you!

With sales, consulting, customer service and support on all channels - worldwide!

With this catalogue we have put together a colourful mix of unique machinery, tools and accessories for a strong season. See for yourself in the following pages or visit our website or one of our showrooms near you.

P.S. The fastest way to share any new information with you is through our social media channels - follow us.













Martin Felder & Hansjörg Felder CEOs Felder Group

Add let: Harry's tales

© 02/2021 FELDER KG · KR-Felder-Straße 1, 6060 HALL in Tirol, AUSTRIA · www.felder-group.com Prices and technical data are subject to change without notice. Advanced sale rights reserved. The machines are occasionally pictured with optional equipment. Images may differ from the original. Picture is not binding.



FELDER®





65 YEARS FELDER PASSION FOR PERFECT WOOD PROCESSING

Since 65 years a Felder has kept its promises. Durable in construction, highly precise in execution, efficient and powerful in everyday operation. Top quality from Austria at the best price. Guaranteed.

www.felder-group.com

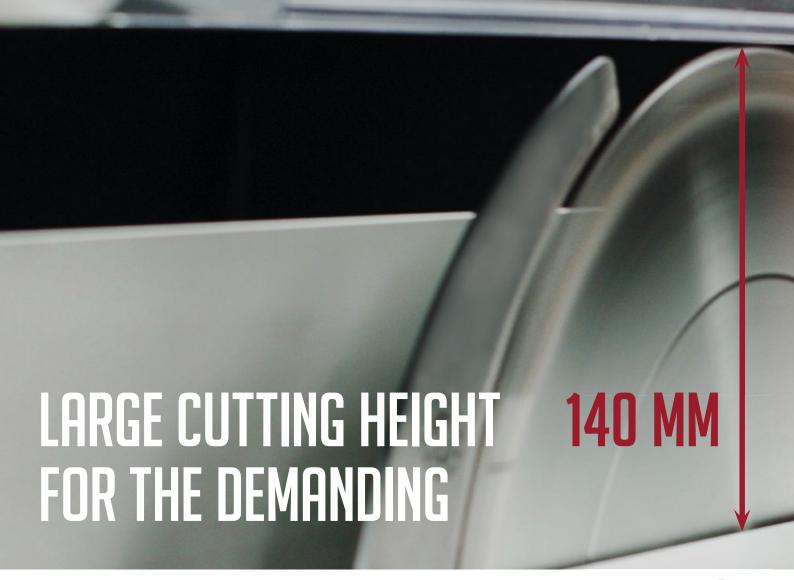


Felder Group circular saws and sliding table panel saws offer professional results for every budget in woodworking. The service life of sliding table saw is primarily measured by the perfect functioning and precision of the sliding table and the circular saw unit. Felder and Format4 sliding table saws are supplied with a 10-year warranty on the perfect functioning of the sliding table "X-Roll" and a 6-year warranty on the "Easy-Glide" tilting segment guide.









EFFICIENCY MEETS EASE OF USE:

- 140 mm cutting height with a saw blade diameter of 400 mm
- Combined use of an electric Ø 120 mm scoring unit with a \varnothing 350 mm main saw blade
- "Easy-Glide" tilting segment guide with 6 year guarantee
- Patented "X-Roll" sliding table with 10 year guarantee
- Cutting length 2500–3700 mm
- Operating smoothness and precision even when under maximum load: large dimensioned, solid outrigger 1300

K 540 S **Sliding Table Panel Saw**

- Motor 5.5 kW (7.5 HP)
- Format Sliding Table 2500 mm "X-Roll"
- Cutting length 2500–3700 mm
- Outrigger table 1300 mm

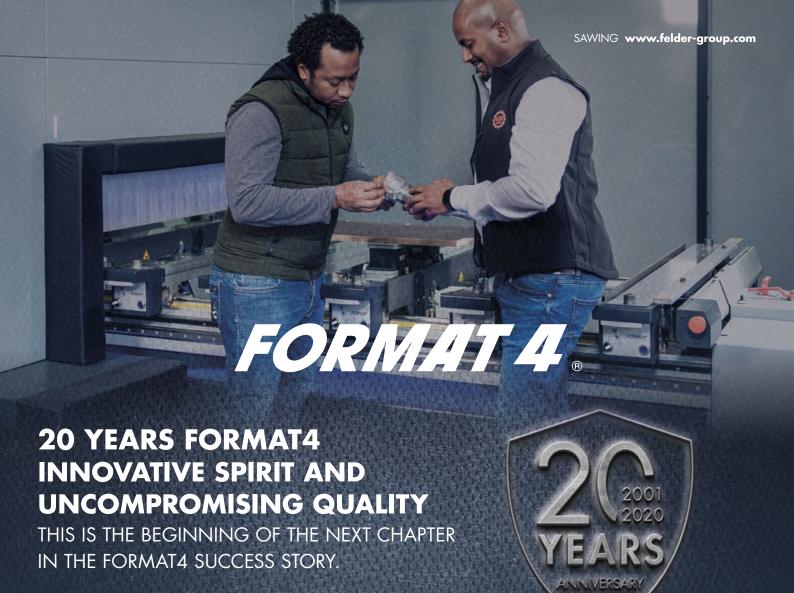


iron machine table and aggregates





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For More information info@felder-group.com



TIMION PRODUCES THERAPEUTIC PRODUCTS FOR SOUTH AFRICAN CHILDREN ON FELDER MACHINES













Timion NPC is a humanitarian Christian aid organisation in South Africa dedicated to supporting and promoting children and their families who are socially excluded and/or disabled. Over the past few years, more than 1500 children have been cared for in holiday and therapeutic camps and more than 4000 orthopaedic aid devices of their own production have been distributed free of charge.

These therapy chairs, rollators, walking aids, therapy benches and much more are manufactured by volunteers of the organisation in a small workshop in Jefferys Bay near the Indian Ocean. Felder Group has equipped this workshop with a number of high-quality tools and a Felder bandsaw.

"These machines are a real blessing to us. All workshop employees, from Swiss carpenters to young and old volunteers to trained local employees, enjoy working with the Felder machines," says Daniel Meyer, director of Timion NPC, together with his team. "The quality of the workshop was improved by the high-grade Felder machines. Again and again we are amazed at how versatile the Felder combination machine is. The bandsaw is used for conventional woodcuts and for the production of wood joints, but also, for example, to cut the foam material for the padding of our auxiliary equipment. In addition, the educational and technical books made available are a great benefit in training our local workers," reports Alfred Ramseyer, one of many long-term volunteers.

www.timion.org





A PERFECTLY EQUIPPED TRAINING FACILITY FOR THE BROTHER KONRAD TECHNICAL SCHOOL IN UGANDA

The Brother Konrad Technical School is a boarding school in Lira, Uganda. It is committed to giving young people a high-quality technical education and training to improve their chances on the job market and thus to provide them with a secure future. The school programme includes on the one hand an apprenticeship and on the other hand the possibility to finish with a technical final examination. Students may learn to be bricklayers, tailors, mechanical engineers, carpenters or electrical engineers.

The HTL Braunau (Secondary Technical School) has been cooperating with the Brother Konrad School since 2013 and

actively supports the improvement of the educational programme for the approx. 150 students. To this end, a wide variety of projects are being implemented, such as connection to the public power supply, training for teachers, the development of new teaching materials and the provision of new, more modern tools.

Good training naturally includes a well-equipped training workshop. The Felder Group has provided seven high-quality machines for sawing, milling, planing and drilling. With these new machines and the appropriate know-how, the young carpenters of the Brother Konrad School are well prepared for the future.







UNBEATABLE PLANING RESULTS

Surface planers, thicknessers or combined planer/thicknessers from Felderhave impressed for decades with unique detailed solutions and technical innovations in woodworking. The revolutionary Silent-Power® spiral cutterblock or the Feldersystem cutterblock with self-setting knives provide excellent results and offer a quick knife change without time consuming settings or the requirement for expensive adjustment tools.



FELDER

- Simple, syncronised opening of the solid planing tables
- The optimised jointing fence design ensures the smallest possible space requirement
- Thicknesser table adjustment accurate to a tenth of a millimetre
- Optional "Power-Drive" package for electronic control
- The innovative Silent-Power® spiral knife cutterblock cuts noise emission by half - VIDEO online



AD 741

- Motor 3 kW (4 HP)
- Jointing width 410 mm
- "Power-Drive" planer hight adjustment

FELDER

AD 951

- Motor 4 kW (5.5 HP)
- Planing width 510 mm
- "Power-Drive" planer hight adjustment

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D 951

Thicknesser

- Motor 5.5 kW (7.5 HP)
- Planing width 504 mm
- Thicknesser table length 900 mm (1500 mm)
- Maximum depth of cut 8 mm
- Thicknessing height 3-254 mm
- Feed speed infinitely variable 4–16 m/min

A 951 L Planers

- Motor 5.5 kW (7.5 HP)
- Surface planing width 510 mm
- Planer table length 2700 mm
- Maximum depth of cut 8 mm

SATISFIED CUSTOMER ACROSS AFRICA

FORMAT

"Quality from Austria, a good price/performance ratio combined with a local partner made the decision eşay for us."

> NeoConcept Marocco



"The Felder Group does offer a wide range of high quality machines made in Austria, I can get everything from a single source."

Prompt Supply
Ghana



"Due to our custom work, felxibility, efficiency and precision are crutial factors."

Gassner Custom Design South Africa



"In difficult times its important to have reliable machines and partners."

Doma Industries

Nigeria



"Our Felder circular saw is perfect for our workshop. Precise cuts for perfect results."

The Wood Houses South Africa

14



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READY FOR EVERY CHALLENGE

Solid cast iron moulding table for absolute vibration-free stability, or the smooth "X-Roll" sliding table for slot and tenoning work – with a spindle moulder from Felderyou are ready for every challenge that you could face in modern woodworking. Modern production technology and Austrian production standards guarantee excellent precision and build quality. Details such as the spindle moulder fence or the quick spindle exchange system offer first-class operating comfort.



16



F 900 Z Tilting Shaper

- Motor 5.5 kW (7.5 HP)
- Table opening 320 mm
- Slot and tenoning table 1300 mm
- Spindle tiltable from 45° to 90°





"Easy-Glide" tílting guide system with 6 year factory guarantee



"X-Roll" slídíng table wíth 10 year factory guarantee



Reliable repeatability and precise quick settings: The Felder MULTI-adjustment system



Spindle moulder quick-change system



The 5 function combination machine combines the user comfort and precision of the individual machines in a unique machine concept with the shortest of changeover times – a complete workshop in a multifunction combination machine. Compact dimensions without sacrificing performance and versatility. Combination machines from Felder enable professional surface and thickness planing, moulding, format cutting and, on request, slotted hole drilling on the smallest footprint with perfect ease of use even in their standard version.









Swivel segment guide



HOW WORKING ON A FELDER COMBINATION MACHINE IS JUST AS IF YOU WERE WORKING ON A PROFESSIONAL SINGLE MACHINE.



- Format Sliding Table 2000 mm X-Roll
- Planing width 310 mm
- Cutting length 2000-2500 mm







WORLD CHAMPIONSHIP PERFORMANCE WITH THE MACHINES FOR CHAMPIONS



The Felder Group is supporting the World Skills 2017 competition in Abu Dhabi

Over five days, champions in more than 50 different vocational disciplines will be chosen from around 1,300 young skilled workers from over 75 countries. In front of hundreds of thousands of visitors, from October 14 to 19, passionate drilling, cutting, milling and hammering will take place on 73,000 square metres at the Abu Dhabi National Exhibition Centre. To create the perfect preconditions for the young cabinetmakers, joiners and carpenters, more than 30 woodworking machines will be provided for the competitors to present their skills.

This is a goal to which the Felder Group, itself a state certified training institute many times over, is committed and has been supporting the World Skills Competition for many years now. Using dozens of planers, sliding table panel saws, and milling and grinding machines, the young woodworkers have the chance to achieve top performances and impress with excellent results.



The FELDER GROUP as a partner at the WorldSkills 2019 in Kazan/Russia







The next WorldSkills will take place in Shanghai, China in September 2021, but first we'll go to the EuroSkills in Graz 2020 where the Felder Group will again be represented by a strong team and powerful machines.

THE UNIDO FURNITURE PROJECT



Support for the furniture sector in Lebanon

Since the beginning of the Syrian crisis, the flow of refugees to Lebanon has grown to over one million, resulting in an increase in population of over 20%. This in turn has exerted enormous pressure on the socio-economic structure of the country. One of the most affected areas is the northern part of Lebanon, where the furniture sector is concentrated, accounting for about 8% of total national industry.

With the financial support of the Japanese government, the United Nations Industrial Development Organization - UNIDO - tried to support this sector: Technical training has been modernised to promote the competitiveness of small and medium-sized businesses, to create new designs as well as market opportunities for enterprises. This was done in the context of 'Supporting the furniture sector in Northern Lebanon through modernization and qualification'.

The Ministry of Industry and the head office for Vocational and Technical Education have been part of the modernization and rehabilitation of the vocational training centre in Zgharta. A centre that paved the way for a long-term contribution to the creation of sustainable livelihoods, capacity building and skills development to improve employment opportunities.

The Zgharta Carpentry Vocational Training Center near Tripoli was named the first of its kind in Northern Lebanon and was upgraded in regards to new technology machines. It is a hub for knowledge sharing in furniture production through state-of-the-art machines and training programs from Felder Group. It should not only provide technical assistance to carpenters, but also increase capacity for young people - especially young women - through a skills development program that will increase their employability in this area.

In the past six months, around 280 apprentices (young people and carpenters) have participated in various training sessions





on different aspects of carpentry: basic knowledge of materials and machines in the industry, guidance on health and safety in carpentry, and applied techniques and methods. Trainees will receive an official certificate from the head office for Vocational Training upon graduation, which will significantly improve their employment opportunities.

The furniture project, in its second and third phases, will focus on small and medium-sized enterprises and equip the beneficiary companies in the north with state-of-the-art combination and partial combination machines of the Felder Group in order to create stability, growth and training opportunities in the region.

A HAMMER FOR ALL PURPOSES

Bandsaws

SOLID, FUNCTIONAL AND DURABLE

WE HAVE EXACTLY WHAT YOU ARE LOOKING FOR



Standard specification: Durability, precision and outting smoothness with the X-Life bandsaw blade ceramic guides



N3800

- Motor 1.5 kW (2 HP)
- · Cutting height 310 mm
- Rip capacity 360 mm

N4400

Hammer

- Motor 2.5 kW (3.5 HP)
- Cutting height 310 mm
- Cutting width 420 mm

Planer-Thicknesser

A3 41

- Motor 4 kW (5.5 HP)
- Planing width 410 mm
- Planer table length 1800 mm
- 3 knife quick-change, self-setting cutterblock system



A2 21

- Motor 3 kW (4 HP)
- Planing width 310 mm
- Planer table length 1400 mm
- 3 knife quick-change, self-setting cutterblock system



Hammer



F3 spindle moulder with slot and tenoning table

- Motor 3 kW (4 HP)
- Slot and tenoning table 800 mm
- Spindle tiltable from 45° to 90°



C3 41 comfort Combination Machine

- Motor 3 kW (4 HP)
- Format sliding table 2000 mm

Hammer

Jointing width 406 mm

NEW

C3 41 with a planing width of 410 mm

ENGIKE

NEW

UNLIMITED CREATIVITY & PROFESSIONAL CNC RESULTS





http://fg.am/hnc-guitar



Ja22 Bass Guitar

THE NEW HAMMER CNC-MOULDER MAKES THE WORLD OF CNC MACHINING AFFORDABLE FOR EVERYONE.

A powerful moulder spindle, precise linear guides and powerful stepper motors guarantee maximum precision and repeatability, even with delicate work. The workpieces and numerous accessories can be fastened to the T-slot table in no time at all

HNC 47.82

- + Processing surface 825×479 mm, through feed height 160 mm
- + 1000 Watt moulder motor (optional 2.2 kW moulder spindle)
- + 5 m/min feed speed
- + ± 0.05 mm repeatability and 0.1 mm backlash
- + Linear guides on all axes
- + Open interface with many Postprocessors for the software of choice
- + Flexible workpiece and accessory fastening on the T-slot table

Call for your deal

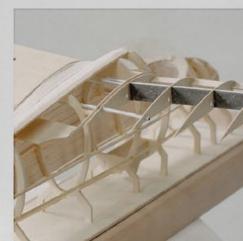




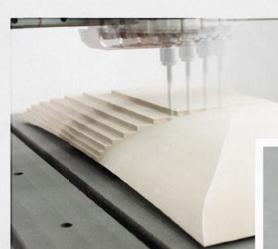


FIELD TEST

Two projects from the fields of model making and architecture

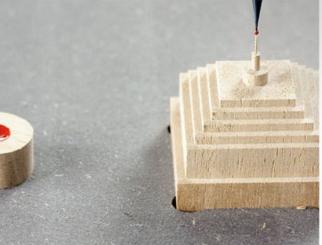






Model making

Architecture



er



ROBUST, MANOEUVRABLE AND MOBILE

The height-adjustable Felder work tables

Machine equipment trolleys, storage aids, stacking trolleys or additional work spaces – the height-adjustable Felder FAT working tables are versatile and always offer maximum stability and easy mobility.



Technical specifications	FAT 300	FAT 300 S	FAT 500 S
Working height (without worktop)	425-1,020 mm	445-1,040 mm	470-1,075 mm
Dimensions (L x W)	1650 x 940 mm	2,070 x 1,170 mm	2,070 x 1,170 mm
Hydraulic lift using a foot pump	595 mm	595 mm	605 mm
Rolling device for convenient mobility	4 solid rubber rollers with locks,	4 solid rubber swivel rollers, each with 2 breaking and 2 steering locks	
Net load capacity	300 kg	300 kg	500 kg

Panel tilting device for Felder working tables

in combination with 420-245, easy loading and unloading due to multidirectional castors, comfortable tilting of large dimensioned panels with up to 40 mm thickness, tiltable from 0°–80° (stop), frame size 1930×1500 mm, 1 crossbar

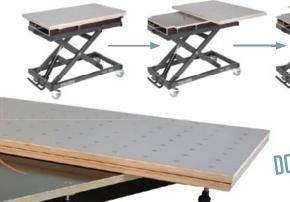






Multiplex function panel for Felder's working table FAT 300

Double the work surface by simply swiveling the HPL/Multiplex swivel perforated grid panel, very easy operation thanks to quick clamping system, work surface 1200 x 800 mm, can be increased to 1600 x 1200 mm, perforated grid panel, grid 96 mm, bore \varnothing 20 mm



DOUBLE THE WORK SURFACE!

www.felder-group.com

Fence plate with anti-slip coating incl. 2 clamping levers



Eccentric clamping SET

Tool-free, non-damaging fastening of the workpieces! Suitable for grid panels with Ø 20 mm holes 1 eccentric clamp set consists of an eccentric clamp, swivel bearing with threaded pin, a threaded panel (180 x 40 mm) and a quick clamp.

The set consists of 12.1.024, 12.1.025, 12.2.023, 12.2.026



ORDER MULTIPLEX WORKTOP RIGHT AWAY

Birch, lacquered 3 times, scratch resistant

Suitable for FAT 300 1 200 x 739 mm, 420-243

Suitable for FAT 300 S/FAT 500 S 2 070 x 1 1170 mm, 420-246

Suitable for FAT 300 S/FAT 500 S 2 070 x 1 1170 mm, 420-246





ENG | KP



Now with even more performance!

The flexible edgebander for stationary and mobile use

ForKa 200 ECO plus Mobile edgebander

- + Processing of ABS, PVC and wooden edge material
- + Depending on the type of edge material, a minimum inner radius of 25 mm is possible
- + Scale setting used for edge thickness adjustment
- + Quick warm-up time with quick heat up gluepot
- + Flexibility through the use of melting glue granulate
- + Fine adjustable glue application
- + Edge thickness 0.4-3.0 mm
- + Up to 60 mm workpiece height
- + Digital temperature adjustment
- + Variable feed speed with comfort control
- + Quick heat up time







FIND EVERYTHING FOR YOUR VVORKSHOP AND MACHINE:

- > Saw blades
- > Moulding tooling
- > Planer knives
- > Drilling and chiselling
- > Workshop-, sanding-, cleaning and maintenance-, safety- and machine accessories
- > Power feeders
- > Dust extractor accessories





FB 610

- Motor 3 kW (4 HP)
- Cutting height 410 mm
- Cutting width 575 mm

FB 710

- Motor 5.5 kW (7.5 HP)
- Cutting height 460 mm
- Cutting width 690 mm





ENG | KP



Felder Group belt and edge sanders guarantee an investment decision without risk. High quality materials, first class quality standards and over 60 years of machine construction experience ensures reliability in professional use for years to come.

FS 722

Belt Sander

- Sanding depth 800 mm
- Sanding belt length 2200 mm
- Sanding belt width 150 mm
- Professional sanding shoe









FS 900 KF

Edge Sander with veneer sanding device

- Sanding height 150 mm
- Feed speed 11 m/s (Sanding belt)
- Sanding table tilts from $90^{\circ}-45^{\circ}$
- Oscillating sanding belt with independent oscillating motor

EDGES WITHOUT COMPROMISE

Change glue colours quickly and easily?

G 380

- Installation length 2830 mm
- Edge thickness 0,4-5 mm
- Workpiece thickness 10-45 mm
- Operating panel with LCD display and keypad
- 2 spaces for finishing units
- Linear end trimming unit with 2 saw blades
- Premilling unit with diamond cutters
- Glue applicator unit for processing EVA and PUR adhesives



HIGHLIGHT G 380

End trimming unit with linear or radius trimming and corner rounding



G 360

- Installation length 2.828 mm
- Edge thickness 0,4-5 mm
- Workpiece thickness 10-45 mm
- Teflon-coated changeable gluepot





SANDING & EDGE www.felder-group.com



Processing edges needs to be as quick, 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 Format4 control systems offer a compact overview of all possible processing steps and allow an intuitive and above all fast control of the machine. smartouch control unit, including 10.4", 15" and 21" screen sizes.





EQUIPMENT & TECHNICAL DATA		tempora F800 60.12 "e-motion"
Edge- & panel thickness	Workpiece height	8–60 mm
	Tape thickness	0.4-3 (12) mm
	Min. workpiece length	140 mm
Chain feeder	Feed rate	12/20 m/min.
Operation	smartouch control unit	10,4" Touchscreen
	smartouch "x-motion plus" control unit	X
	smartouch "e-motion" control unit	21" Touchscreen
Control module	"m-motion"	X
	"x-motion plus"	X
	"e-motion"	S



tempora-models available with 10.4", 15" & 21" screen size

REMOTE COMMUNICATION

Remote maintenance trom the headquarters

Our solution for quick and easy remote machine maintenance.

The smartouch control unit and network connection reduces manual settings to a minimum and enables fast, simple and intuitive selection and control of the units as well as complete monitoring of all machine functions directly from the screen.





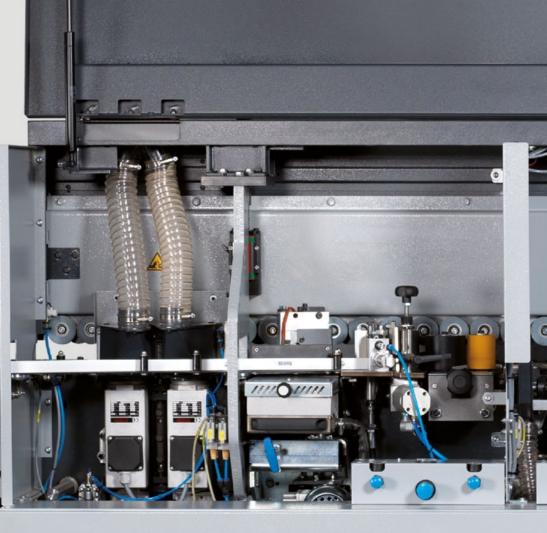




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tempora F600 60.06L "m-motion" / "x-motion plus"	tempora F400 45.03/L "m-motion" / "x-motion plus"
8–60 mm	8–45 mm
0.4-3 (6) mm	0.4–3 mm
140 mm	140 mm
10/18 m/min.	9 m/min.
10,4" Touchscreen	10,4" Touchscreen
15" Touchscreen	15" Touchscreen
X	X
S	S
0	0

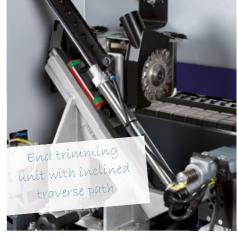




QUALITY AND PRECISION

Changeable gluepot. The short warm-up time of only 10 minutes guarantees quick operational readiness.













Buffing unit





• The healthy workshop: fatigue-free, easy on the back – fewer absence days

Perfect handling of materials – no more scratches!
Individually adaptable due to numerous equipment options



fa.am/u-motion



FELDER DONATES CARPENTRY EQUIPMENT FOR AFRICA AMINI ALAMA

"To serve the peace and well-being of the region between the peoples of Meru (Bantu) and Maasai". This is the credo of Africa Amini Alama – the aid project of the Austrian doctor DDr. Christine Wallner in Tanzania, at the foot of Mount Meru. The education centre of the WHO model project consists of a tailor's shop, a car repair shop, a bricklayer training workshop and a carpentry workshop.

The Felder Group supports the project Africa Amini Alama in the summer of 2018 not only with a Felder 5-speed combination machine CF 531, a horizontal slot mortiser FD 250, an AF 12 dust extractor and various tools and accessories, but also brought the HTL (school for higher technical education) of Imst and the logistics company "Gebrüder Weiss" on board.

HTL Imst relies on its experience from the implementation of a similar project in

Uganda. Once again a team - consisting of teachers and students - was sent to Tanzania to expedite the aid project with competent expertise. Financing of the trip was realized by the HTL Imst through numerous voluntary donations and sponsors.

The responsible task of the team was to put the machines into operation after extensive training by an experienced Felder technician and to train the operators in safe working as well as the production of furniture and other articles of daily use. After three intensive weeks, the know-how gained is now integrated into everyday school life. The carpenter apprentices are now already producing the tables for the Secondary School as one of their first projects.

The Felder Group thanks all who contributed to the success of this project.

www.africaaminialama.com









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CLASSIC SURFACE FINISHING AS THE FOCUS!







THE ADVANTAGES AT A GLANCE

- Pre and fine sanding in one working process
- Contact roller aggregate
- Fine sanding unit with segmented, electro pneumatic sanding pad, 25 mm segment width
- Digital grain compensation
- Vacuum table incl. ventilator
- Variable feed speed adjustment 2.5–18 m/min
- Brushing equipment

FW 1102 classic

- Motor 15 kW (20 HP)
- Sanding width 1,100 mm
- Sanding height 3–170 mm
- Contact roller unit, sanding cushion unit
- Feed Speed: infinitely variable 2.5–10 m/min

FW 950 classic

- Motor 7.5 kW (10 HP)
- Sanding width 950 mm
- Sanding height 3–170 mm
- Combination unit with sanding shoe
- Feed Speed: infinitely variable 2.5–10 m/min

Technology awards. Worldwide recognition for the Austrian CNC innovations

creator 950











TRADITIONAL CNC PROCESSING FROM A NEW PERSPECTIVE







With the IWF Challengers Distinguished Achievement Award® at the International Woodworking Fair in Atlanta and the Golden Medal at the woodworking trade fair Drema in Poland, the innovative CNC machine from Format4 was able to win two highly competitive awards in recent months.

Your advantages:

- ullet Concentrated CNC technology on a surface area of only 5 m 2
- All inclusive: 4 sided formatting as standard
- Get started straight away: maximum productivity without set-up times
- No vaccum pods and console positioning
- Deployment range from interior design to room doors
- Traditional processing from above simple loading
- Intuitive control via control panel
- Easily understandable software
- Best extraction result
- High-end quality at the best price in any configuration
- Corpus processing with Lamello Clamex-P

c-express 920 classic

Developed with the smaller workshops in mind, the c-express 920 classic offers a sensational price/performance ratio. Uncompromised development at Felder ensures you profitable CNC productivity. At the touch of a button, repeat drilling work programs can be loaded and reused.

FORMAT 4

- Complete processing for interior design in only 3,4 m²
- Simple programming quick simulation efficient production
 All inclusive: 4 sided formatting as standard
- Traditional processing from above simple loading
- Get started straight away: maximum productivity without set-up times
- F4®Solutionsready

4.0 FURNITURE PRODUCTION STARTS NOW



FOR INDIVIDUAL FURNITURE PRODUCTION. FOR INDUSTRIAL USE.

profit H80

The panel cutting, drilling and milling centre profit H80 brings highly efficient 4.0 furniture production into future-proof cabinetmaker and carpenter workshops. Complete custom-made furniture with all holes, grooves and connections are produced in one single operation at the click of a mouse. The latest nesting technologies ensure the highest possible material and time savings. Up to full automation, the profit H80 can be extended with different loading and unloading solutions, thus achieving maximum material processing.



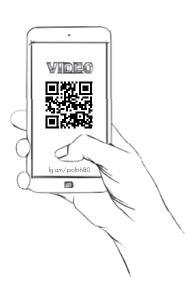
5-axis CNC Machining Centers profit H500 MT



5-axis Nesting-CNC Machining Centres profit H150/H100



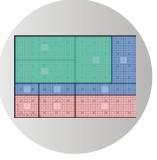
Nesting-CNC Machining Centres profit H08/H08 21.31







The nesting table with optimal matrix geometry enables the full panel support of workpieces of any size and design, guaranteeing exact positioning.



Due to the smart zoning vacuum control, the vacuum zones can be switched to either fully automatic or manual control and activated based on the workpiece size.



The C-axis is optionally available as the fourth interpolating (360°) axis and has a compressed air interface for the units.



At automatic loading, the lifting table positions the stack of panels directly to the appropriate working height.



profit H350 | profit H500

The Format4 profit CNC machining centres convey at first glance dynamics, power and state-of-the-art high-end technology. With Format4's one-stop solutions the customer receives a perfectly coordinated complete package for the most demanding requirements. State-of-the-art CNC 5-axes technology guarantees boundless creativity and at the same time reduces the purchase and follow-up costs for special units and tools to a minimum

profit H200 | profit H300

Whether standard products or individually designed unique pieces, the universal Format4 CNC machining centres profit H200 and H300 produce single pieces and large series with maximum efficiency and are true profit makers from day one.











Dargaud & Jaeglé

sublimates the wine

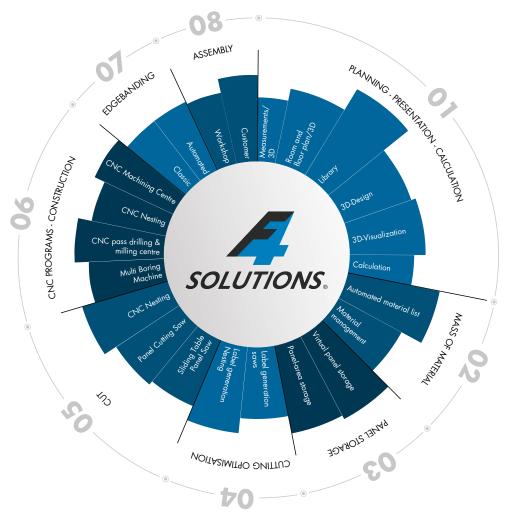
"Thanks to the Format4 CNC technology, the Dargaud & Jaeglé cooperage produces wine barrels that refine the wines of several major wineries in France and abroad. The automation of production thanks to two profit H500 CNC machining centres allows Dargaud & Jaeglé to position themselves innovatively in a high-end market with the highest precision, quality and responsiveness."





ENG | KP

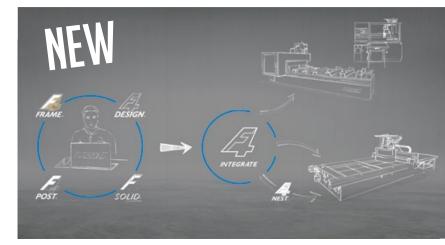






ALL-IN-ONE CNC SOFTWARE

Enjoy the convenience of a modern and coordinated user interface. Tool library (F4Toolbox), programming section (CAM area with integrated CAD area, F4Create) and machine operator control panel (F4Operate) all packed into just one single screen, with a consistent and intuitive user interface.





FURNITURE AND INTERIOR DESIGN

Design – Visualize – Produce
Design furniture and interior, visualize in 3D and produce at the touch of a button.



3D-FREE-FORMS, STAIRS AND STAIRCASE CONSTRUCTIONS

3D for 3-, 4- and 5-axis CNC

Whether in stairs and staircase construction, for free-forms of all kinds, rotation surface processing or 3D engraving – the F4®Solid is the perfect solution for woodworking and plastics processing.



WINDOW AND DOOR PRODUCTION

By entering just a few parameters you can design the frames and fillings of your doors and windows. With the click of the mouse, the window will be broken down in seconds to individual CNC programs.



POSTPROCESSORS

The postprocessors, which are coordinated by well-known software manufacturers on Format4 CNC machining centres, allow you to leave your manufacturing processes unchanged up to the machine.

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F4®GUIDE

GUIDE ®

THE SOFTWARE REVOLUTION FOR 4.0 WORK OPTIMIZATION



Fits like a glove into every craft business and to all machines

The 3 Barcode-System of the F4®Guide allows an overview of the production process at any time and shows all work steps. Understandable for everyone, without investing in interlinked new machines and high-tech systems, F4®Solutions makes the step towards networked production including Industry 4.0 standards affordable even for craft businesses with standard machines.

All data always at hand, from measurement to installation

F4®Guide brings all the data to the machines and leads through the assembly with detailed drawings and 3D data. No more enquiries, no additional steps, no mountains of paperwork.

- ✓ Cutting optimisation, Ardis
- ✓ Label printout, Barcode
- ✓ Edge sequence
- ✓ Material list
- ✓ Detailed drawings
- ✓ 3D view with Measurement

With F4®Guide it is not necessary to invest in new networked machines or high-tech systems!

DIGITIZATION IN FURNITURE Construction is not a Rocket-science!









OPTIMIZATION



SPECIAL WORK



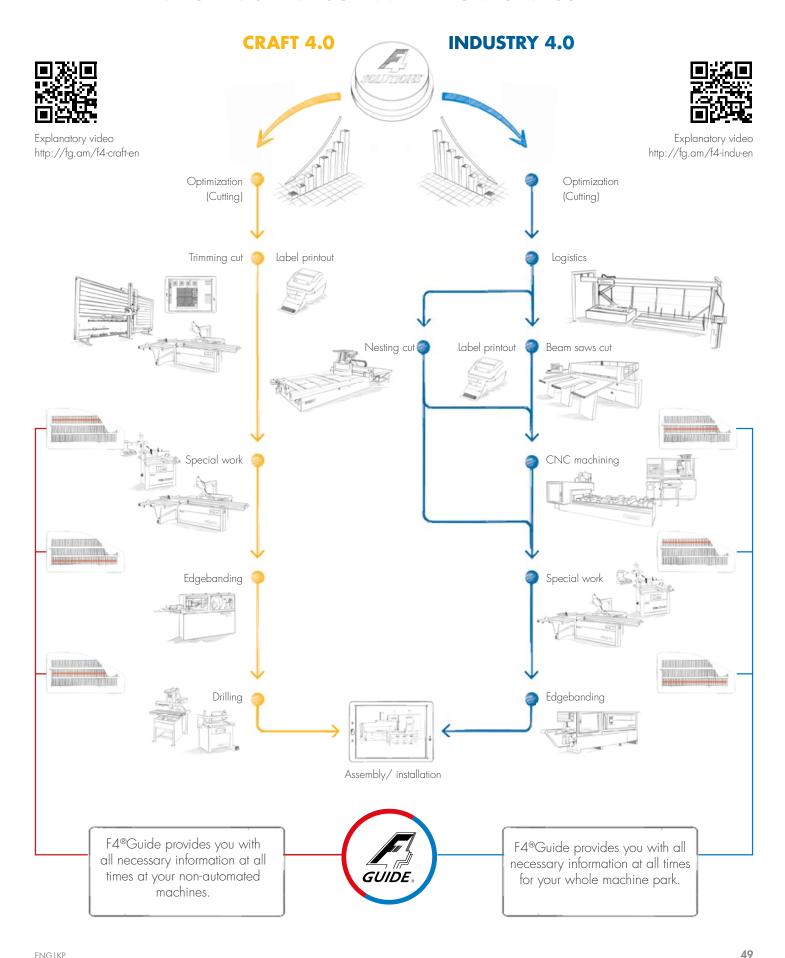
ASSEMBLY



A CHARLEST THE

FORMAT4 SOFTWARE SOLUTIONS

MACHINES AND SOFTWARE FROM ONE SUPPLIER



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WIDE BELI SHNDERS FUR EVERY APPLICATIONS, CALIBRATION, VENEER AND LACQUER SANDING

finish 1352 | 1353 modular

The new finish 1352 modular and 1353 modular wide belt sanders impress through exceptional flexibility. Either as a 2 or 3 belt machine – you can decide the individual equipment and configuration of the processing units. The free aggregate configuration option enables the optimal adaption to your requirements which ensures maximum efficiency and maximum time saving.

- Sanding height 3–170 mm
- Sanding width 1350 mm
- Aggregates modularly configurable with contact roller units, cutterblock planing head, sanding pad aggregate or combination sanding unit.
- Variable feed speed adjustment between 2.8–20 m/min
- Touch screen control (optional)





High quality veneer pressing with maximum possible efficiency no problem with the new Heated Veneer Presses from Format4. Depending on the required use of the press, there are 5 different types to choose between, with up to 12 variations of each type.

- Elkom® electric heating platens
- Warm water heating
- Thermo oil heating
- For a connection to a current heating system
- Pressing temperature up to 120° C / 90° C





with Elkom® electric heating platens



with thermal oil heating (120°), Fabricated steel plate



with warm water heating (90°), Fabricated steel plate



The veneer press can be connected to an existing heating system, Fabricated steel plate



kappa automatic classic

The Format4 beam saw and pressure beam saw kappa automatic classic meets the individual needs of demanding woodworkers through efficient panel cutting with best price-performance ratio. When compared to saws which offer the same cutting length, the kappa automatic classic requires two square meters less installation space.

- Cutting length: 3200, 4300 mm
- Saw blade diameter 320 mm
- Saw blade projection: 68 mm
- Variable feed speed adjustment 1–40 m/min
- Motor power 10 HP (7.5 kW)



kappa V60 classic

The new kappa V60 classic series offers top performance at an attractive entry-level price

- Motor power 5.5 HP (4.0 kW)
- Cutting length: 2500 mm, 3200 mm, 4200 mm
- Cutting height: 1600, 1900, 2200 mm
- Saw blade diameter 250 mm
- Highest horizontal cut 1400, 1700, 2080 mm
- Saw unit, precise cuts
- Tilt away centre support
- Standard: an extra fence
- Scoring unit (option)





70 YEARS MAYER - WE SAY THANK YOU

With a unique anniversary edition of the successful kappa automatic beam saw, the Felder Group celebrates the 70th anniversary of Otto Mayer Maschinenfabrik, which has been part of the Austrian family business since 2019.

www.mayersaws.com

Quality & Reliability

Efficiency in single person operation

Beam saws are paramount in the production process and make short cutting cycles with perfect cutting results possible. With its solid, heavy-duty saws, Mayer focuses on durable quality and first-class machine construction.

OUR NEWLY DESIGNED BEAM SAWS

Cutting length 3200-5800 mm
Cutting height 77-138 mm



The saw carriage guide on round shafts enables higher feed speeds.



 $\label{eq:prolock} Prolock \ensuremath{^{@}}\xspace EasyFix saw blade quick-change system guarantees shortest setup times.$



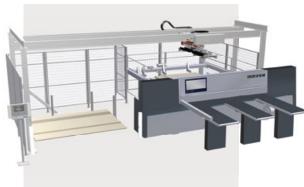
Roller tracks on the rear support table for smooth panel handling to the cutting line.



Material pusher with AC servo drive with independent measuring system for highest accuracy under the harshest conditions.



Double performance pressure unit – uncompromisingly precise positioning against the mitre fence.



Maximum flexibility - Free choice of the number and position of the stacks of the material









	kappa automatic 80	kappa automatic 100	kappa automatic 120	kappa automatic 140
Cutting length	3200, 3800, 4300 mm		3200, 3800, 4300, 5800 mm	
Saw blade diameter	320 mm	355 mm	400 mm	450 mm
Saw blade projection	<i>77</i> mm	95 mm	118 mm	138 mm
Variable feed speed adjustment	5-100 m/min			
Motor power	9 KW	9-13 KW	18 KW	

CLEANER WORKING ENVIRONMENT

Clean workpieces!



Clean Air Extraction Units Performance Line

Felder offers wood dust tested clean air dust extractors for trade and industry in different price and performance classes. With the Felder Clean-Air Extraction Units, the residual dust content in the air of the workplace is less than 0.1 mg/m³, and therefore they all correspond to the "H3 residual dust content level". These excellent clean air values are achieved thanks to the special arrangement of the ventilator on the clean air side. The resulting negative pressure in the entire extraction system thus prevents dust from escaping through leaks.

Technical specifications	RL 125	RL 140	RL160	RL 200
Extraction connection \varnothing mm	125	140	160	200
Chip volume (I)	200	200	2×200	2×200
Max. airflow (CFM)	1.900	2.500	3.200	4.000
Dust emission quality (mg/m³)	< 0.1	< 0.1	< 0.1	< 0.1
Space requirement mm (L x W x H)	1,040 x 898 x 1,940	1,040 x 898 x 1,940	1,775 × 898 × 2,005	1,775 x 898 x 2,005

ONLINE, OVER THE

PHONE OR ON-SITE





AF 22 Multi Power Line

WITH STEEL FAN IMPELLER AND 400 LITERS OF CHIP VOLUME









AF 16

AF 14

AF 12

S01

DUST BAG QUICK CHANGE IN ONLY 10 SECONDS FOR AF 16/22!







Technical specifications	AF 22	AF 16	AF 14	AF12	SO1
Motor voltage	3x 400 V	3x 400 V	3× 400 V	3× 400 V	1x 230 V
Motor power	3.0 HP (2.2 kW)	3.0 HP (2.2 kW)	1.5 HP (1.1 kW)	1.5 HP (1.1 kW)	1.0 HP (0.75 kW)
Extraction connection Ø mm	AF 22 mobile Ø 120/80 mm AF 22 stand Ø 120/80 mm AF 22 wall mounted Ø 160 mm AF 22-200 Ø 200 mm (4.0 HP/ 3.0 kW)	160 (140/80)* *With distributor	140 (120/80)* *With distributor	120	100
Chip volume (I)	2x 200	200	200	110	100
Max. airflow (CFM)	3.100	3.000	2.350	1.350	950
Max. negative pressure (Pa)	2.510	2.150	2.140	1.800	-
Space requirement (L x W mm)	1.300 x 580	982 x 570	965 x 575	784 x 415	720 x 380

CLEAN-AIR DUST EXTRACTORS FOR PROFESSIONAL USE



High Performance Line

According to a regulation which has already been implemented in several EU countries, companies with a filtration capacity of up to 8,000 cubic meters of air per hour (instead of the previous $6,000 \text{ m}^3/\text{h}$) will in future also be allowed to use wood dust tested clean air extraction units, thus saving on expensive externally mounted systems. Working in a dust free environment is not only healthier but also offers numerous opportunities to reduce costs and increase energy efficiency in woodworking companies. An individually adapted extraction solution is simply essential for a healthy workshop.



Technical specifications	RL 250	RL 300	RL 350
Extraction connection \varnothing mm	250	300	350
Chip volume (I)	2×250	2×250	2×250
Max. airflow (CFM)	5.000	6.000	8.000
Dust emission quality (mg/m³)	< 0.1	< 0.1	< 0.1
Space requirement mm ($L \times W \times H$)	2,640 x 1,140 x 2,260	2,640 x 1,140 x 2,260	2,640 x 1,140 x 2,260

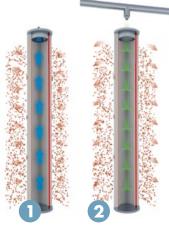


Chip container

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







1. Cartidge filter

Larger filter area for the same space requirement, reduced filter load, maximized filter service life

2. JET filter cleaning system

Continuous automatic blasts of compressed air clean the filter completely and guarantee long lasting perfect extraction results

Sustainable chip recycling

Here "waste" is turned into money

Today, fuel disposal costs or storage locations are becoming more and more expensive. Companies are now looking for alternatives in disposing wood chips and sawdust.

The Felder briquetting presses reduce the volume of waste by 90 %. And also eliminate the need for investment in a chip container or silo. The high quality fuel briquettes that are produced, can be used to reduce the cost of heating The sale may also generate a new source of additional income.

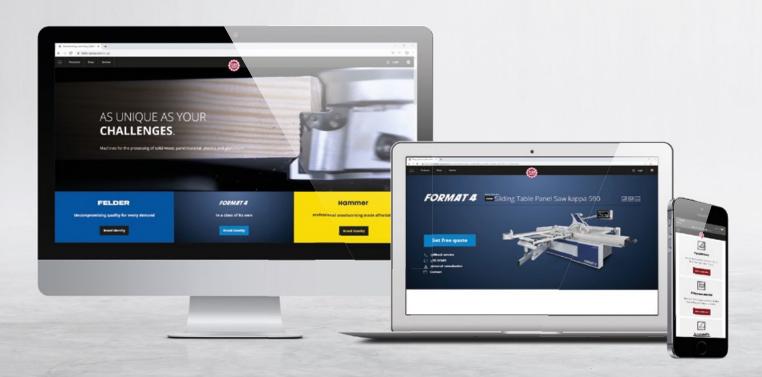


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www.felder-group.com







FELDER®







Edge Sanders



FS 722

FB 940/840 FB 740/640

FS 900 KF



FS 900 K









Wide belt sanding machines











Spindle Moulders









F 900 M





Brushing machine

FW 1102 perform FW 1102 classic

FW 950 classic

Dust extractors Briquetting

Presses









FORMAT 4.

Circular and sliding table saws



kappa 590 x-motion



kappa 590 e-motion



kappa 550 e-motion





kappa 400 x-motion

CNC Machining Centres



cexpress 920 classic



creator 950



profit H200/H300



profit H350



Beam saws



kappa V60



kappa V60 classic



kappa automatic classic



kappa automatic 80 edition

Planers

Edgebanders



tempora F400 45.03/L



tempora F600 60.06L glueBox

Hammer_®

Circular and sliding table saws



K4 perform



K3 winner comfort



K3 winner



K3 basic



A3 41A

A3 41D



A3 41



A3 31



A3 26





C3 41 perform



C3 41 comfort



C3 41



C3 31 perform



C3 31 comfort









kappa automatic 80/100/120

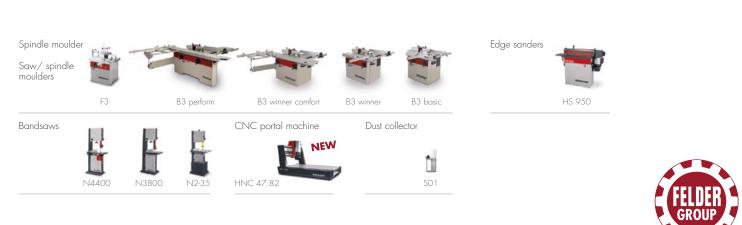


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Machines for the processing of solid wood, panel material, plastics and aluminium



With over 250 sales and service centres worldwide, we are always close at hand.

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ALGERIA

EGYPT

ETHIOPIA

NIGERIA

KENYA

SOUTH AFRICA

FELDER GROUP

info@felder-group.com

www.felder-group.com

FELDER FORMAT4 Hammer MAYER