

We know
what counts.

The finest edges in
the craft!

F-SERIES next

YOUR PERFORMANCE MAKER

A Brand of the **ALTENDORF**®
GROUP



A real powerhouse that gives you more.

Technical benefits at a glance

- Edge thickness: 0 to 3 mm
- Workpiece thickness: 8-50 mm
- Feed speed 10 m/min
- Ready for operation in 3.5 min
- One glue pot for EVA and PUR processing
- Virtually maintenance-free machine

Greater output

The increased feed speed of 10 m/min guarantees significantly higher output.

Customised machines

Each machine can be customised to fulfil all customer requirements.

Outstanding quality

Unparalleled precision, impressive value retention and extreme durability. Our machines meet the absolute highest quality criteria.

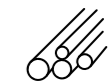
Areas of application

The areas of application are diverse. Whether wood, wood-like materials or plastic: you can rely on clean and precise edge machining.

F-SERIES next

YOUR PERFORMANCE MAKER

Suitable for the following materials



Plastic



Wood



Wood-like

F-SERIES

Show off clear edges!

Opt for maximum performance with minimum effort.

Faster. More convenient. Lighter. More ergonomic. The F-SERIES of our edge banding machines are full of great features to significantly increase your workshop output and allow for more precise workpiece machining.

Choose the high-performance F-SERIES for truly convenient operation. Raise the bar – the next generation of F 2, F 4 and F 5 are ready and waiting!



All features at a glance.

The F-SERIES offers the perfect high-powered machine.

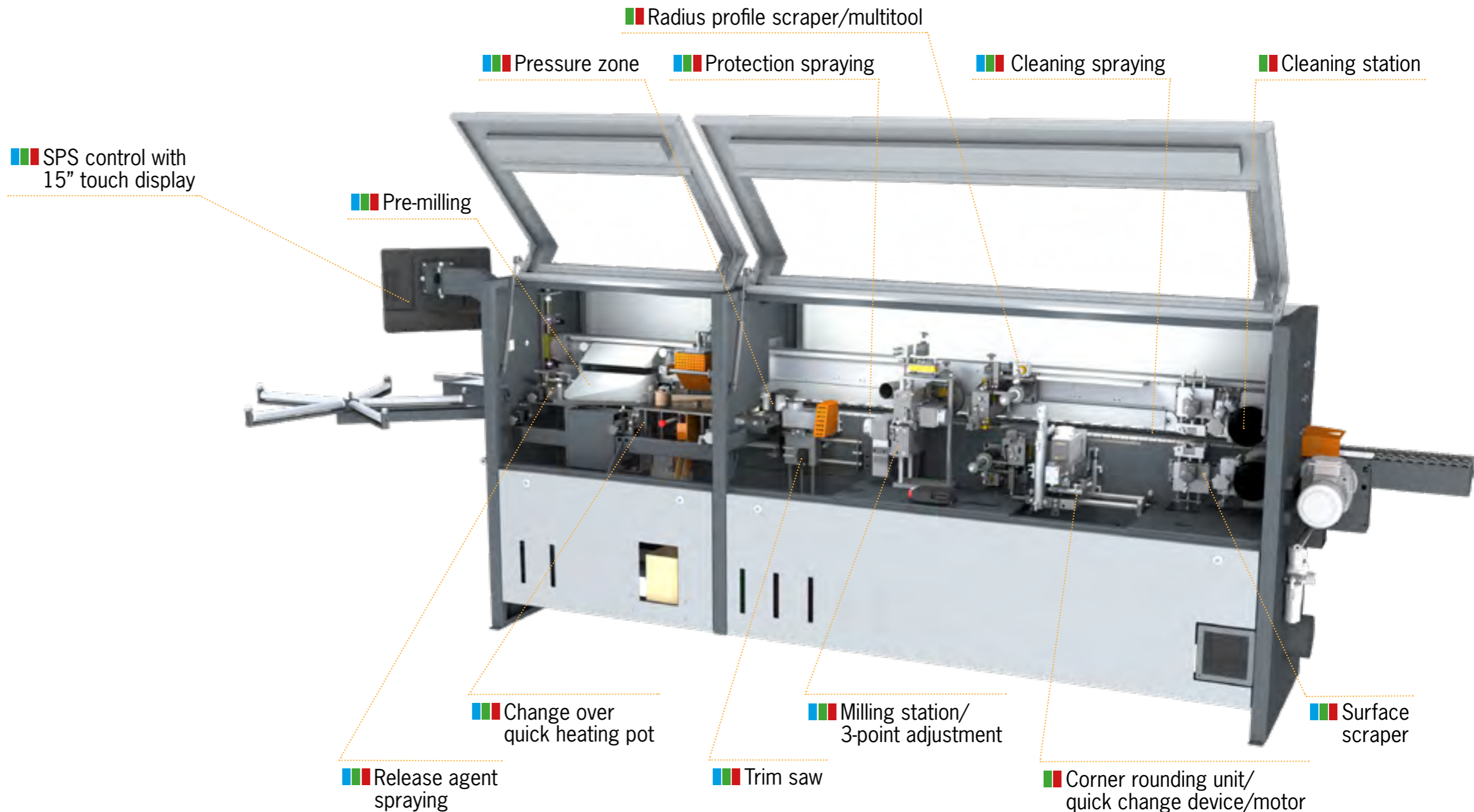
F2 next



F4 next



F5 next





Fully focussed.

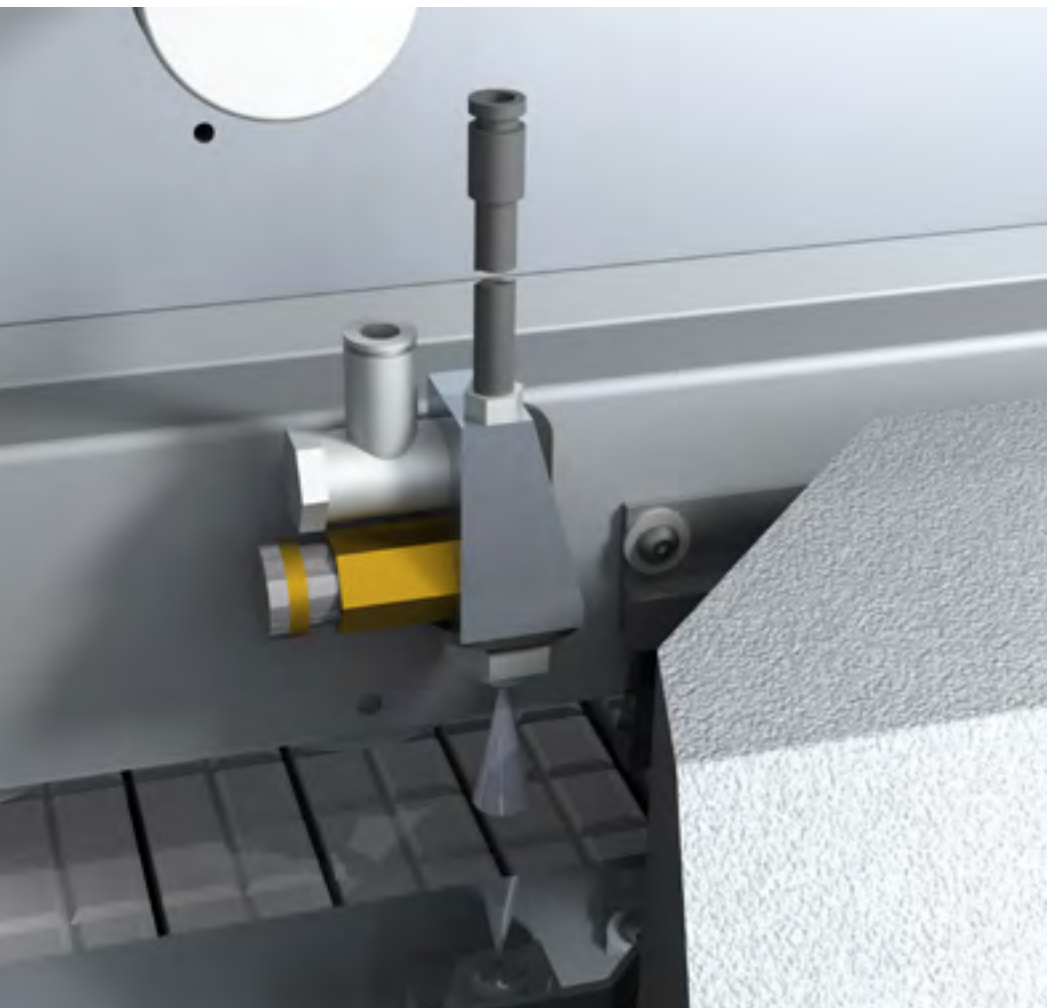
LED-Touchscreen

You can intuitively set up your machine via the 15" touchscreen on the front and view all key information at a glance. The 40 channels allow you to store, modify and repeat individual settings. The 3D feature provides a visual representation of the front and back of your final workpiece. You can clearly record key parameters such as workpiece quantity, linear metre and duration and assign them to your commissions.

Plain text notifications inform you of the current status of your machine, which simplifies the maintenance process.

ECO-Mode

This energy-saving mode is an automatic standby mode that disables all systems. If a workpiece is not fed into the machine for a longer period of time (15 minutes), the machine, including heating of the glue pot system, will automatically switch off. The machine consumes almost no energy.



Release agent spraying unit: By applying the separating agent to the top and bottom of the workpiece, this prevents any excess adhesive residue from sticking to the workpiece. Prior to edging, the spray system casts a fine layer of separating agent over the top and bottom of the workpiece edges. This prevents any excess adhesive from sticking to the workpiece. This option is recommended if regularly working with PUR adhesives.

FX/24/1



Pre-milling cutter (WhisperCut): The WhisperCut jointing system with interchangeable diamond cutting points ensures maximum tool life (manual height adjustment) and tear-free milling results due to an oblique cut through the centre of the panel. Two ready-to-use cutter heads guarantee tear-free milling results, even for demanding materials and surfaces.

By simply swapping the diamond cutting points, this significantly reduces sharpening costs and downtime and no changes to the basic machine settings are required unlike with classic tools. The lightweight aluminium design protects the motors and enhances smooth operation.

The milling depth can be manually adjusted up to 2.0 mm so that you can work to the final dimensions when cutting.

Motor output: 2 x 1.1 kW
Rotational speed: 12,000 rpm



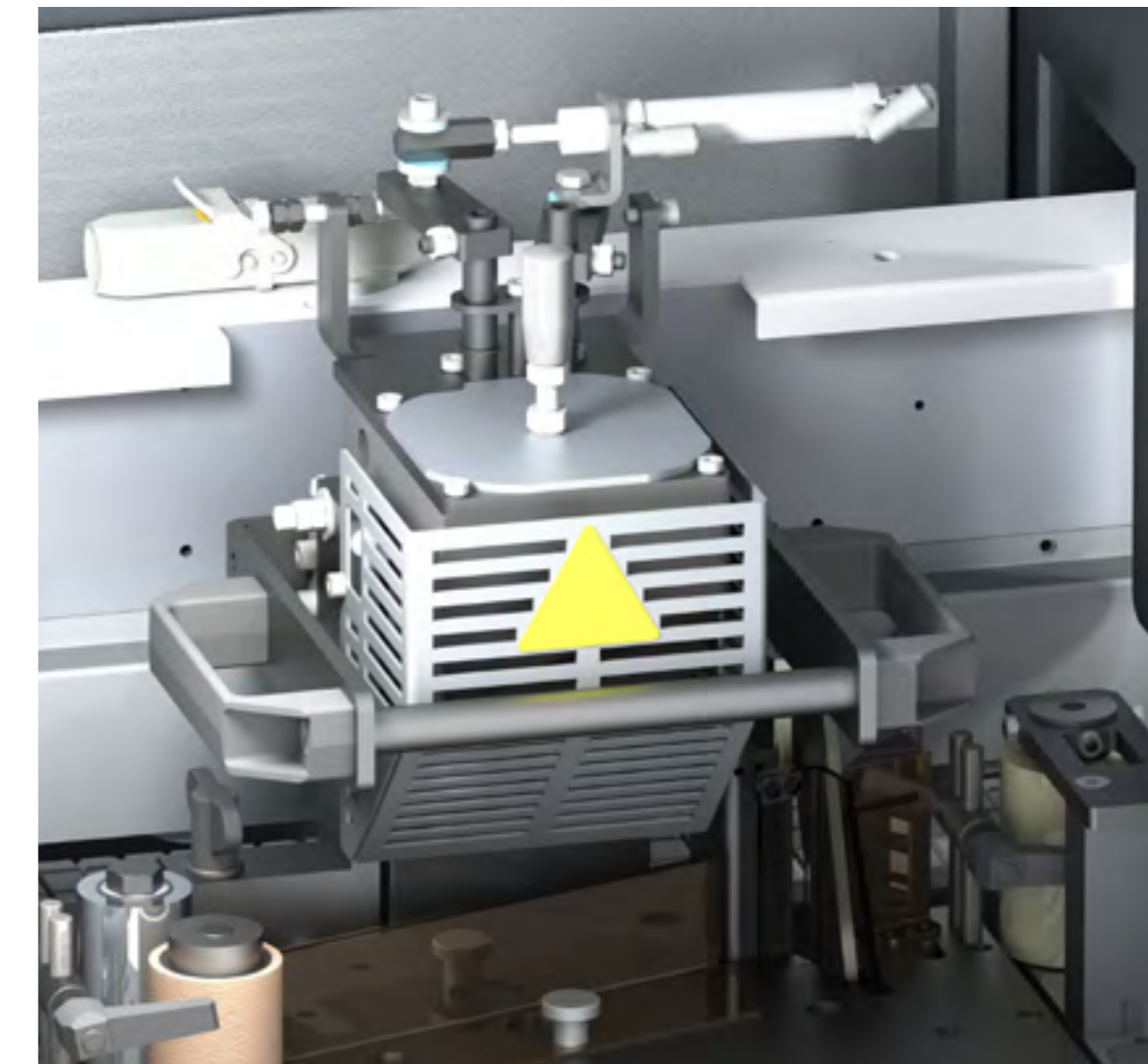
Trim saw station: The stable design of the single-motor cross-cut saw with linear guides enables precise sawing of the front and rear workpieces. Simply choose the setting via the touchscreen display on the front of the machine.

Motor output: 1 x 0.28 kW
Rotational speed: 12,000 rpm



Pressure zone:

These 3 spring-loaded pressure rollers apply optimum pressure to the banded edges. Adhesive residue or dirt can be easily removed thanks to their coating.



Change over quick heating pot:

- Ready for operation in just 3.5 minutes
- Standard interchangeable glue pots with stop function for rapid change of colour or technology (EVA/PUR)
- Tool-free change of glue pot
- Simplified cleaning of glue pot in a matter of minutes
- Teflon coating for effortless cleaning



Milling station:

This combination milling unit allows you to choose between the different machining procedures: Radius / 10° chamfer and flush milling (combination version). The standard setting is conveniently selected via the display on the front of the machine.

The optional 3-point adjustment allows even more flexible processing for different requirements. Changes are instant and reduce downtime to a minimum.

Motor output: 2 x 0.28 kW
Rotational speed: 12,000 rpm



Protection spraying unit:

The lubricant is sprayed onto the edge surface via an additional fine nozzle to prevent damage to sensitive edges or the removal of film due to sensing rollers and sensing shoes. **FX/25**



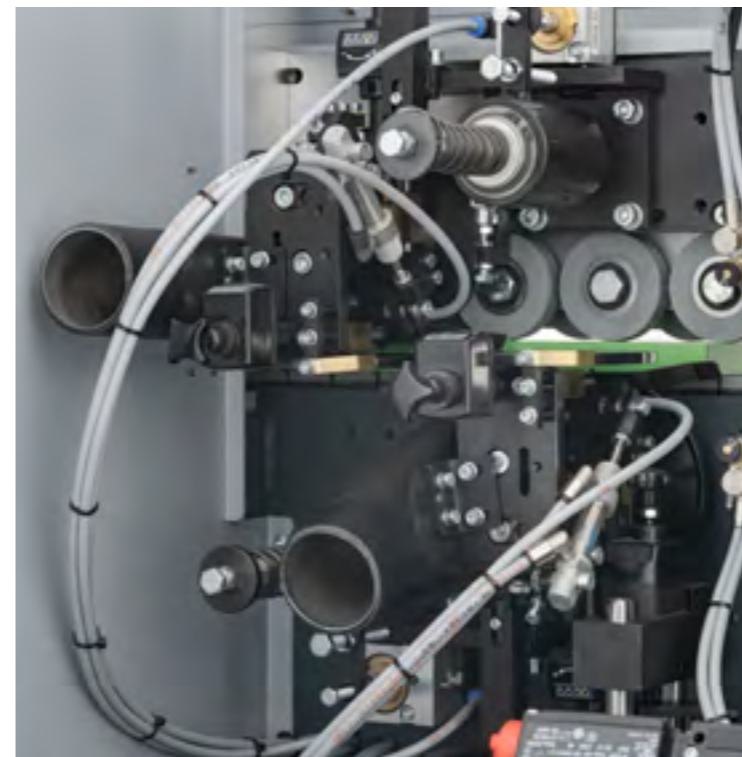
Pneumatic 3-point adjustment:

By upgrading the milling to 3-point adjustment, the radius, chamfer and flush milling (combination blade) can be selected via the display. As a result, protective covers remain closed and this minimises set-up time. **FX/30**



Cleaning agent spraying unit:

This spray system applies the cleaning agent to the top and bottom of the workpiece. By applying the cleaning agent, this removes both the separating agent already applied and any impurities or adhesive residue on the panel surface. **FX/24/2**



Radius profile scraper (including pneumatic disengagement):

Plane impacts or milling traces are smoothed down thanks to even cutting by the radius scraper. Settings are adjusted at the front of the machine. The upper and lower edge can be independently selected.

Equip your machine with the optional R2/ R1 multi-radius scraper for a unique finishing result with classic ABS edges and modern, thin edges. Simply choose the setting via the touchscreen display on the front of the machine - no tools required.



Corner rounding unit: Corner rounding optimally prepares you for any challenge when it comes to dealing with the front of the turning heads. Thanks to intelligent programming via the touchscreen display, individual sides and processing settings can be set.

Whether it's the front and/or rear edge, radius or chamfer settings or choosing between an entire side or only the vertical edge, there are no limits here. The optional, interchangeable motor combined with our quick-change preliminary setup provides a rapid solution when dealing with different edge thicknesses.

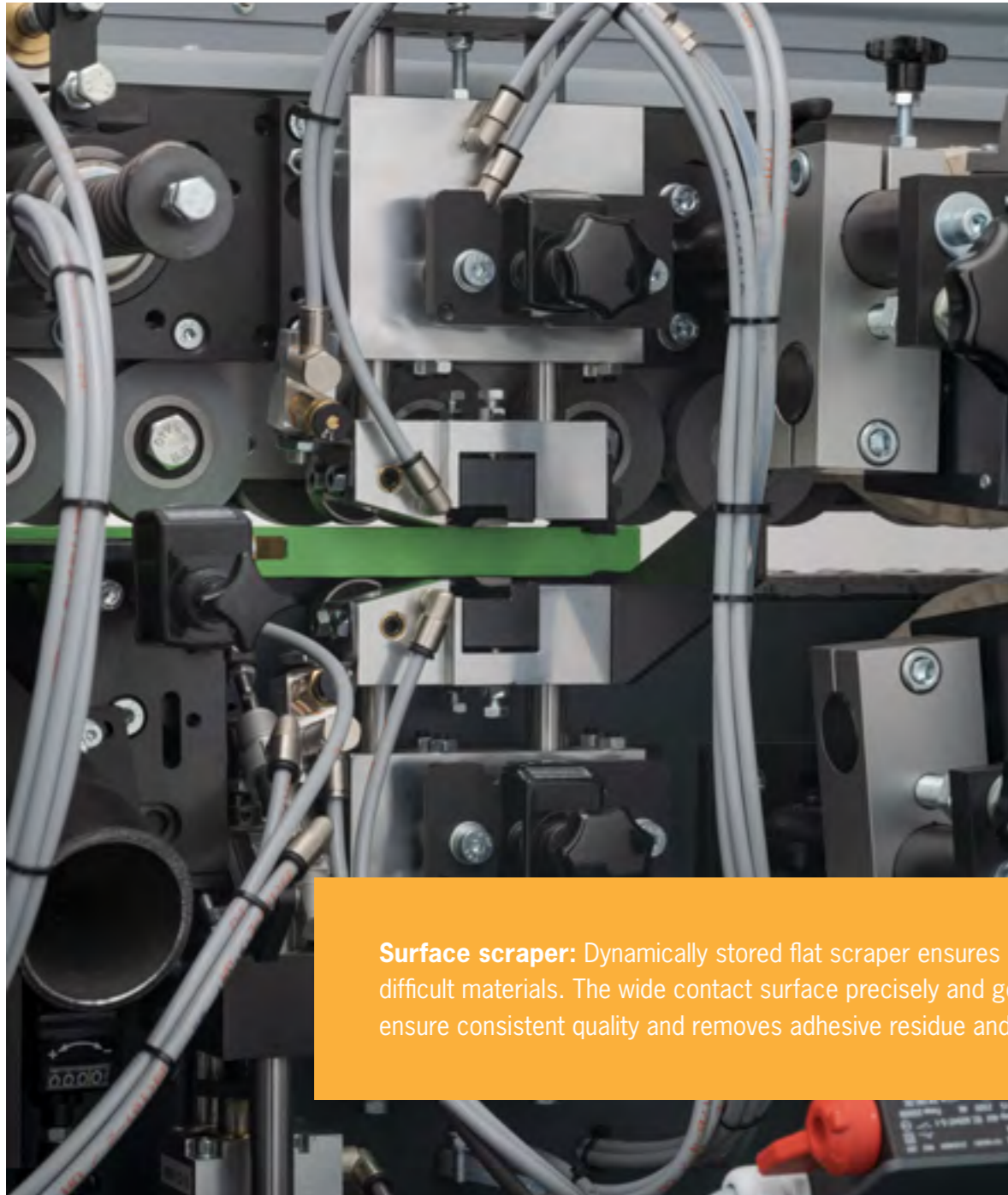
Motor output: 1 x 0.37 kW
Rotational speed: 12,000 rpm



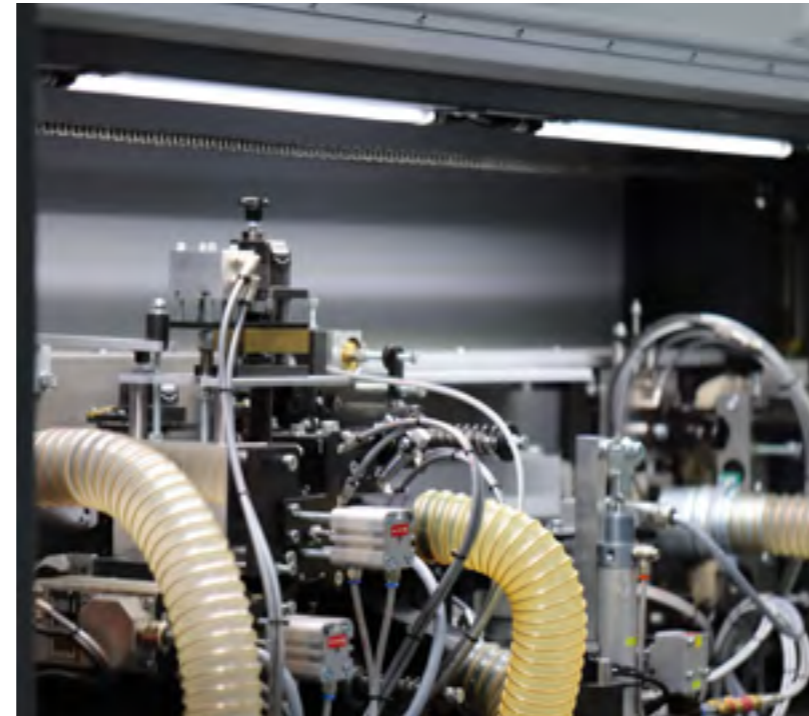
Additional change motor for corner rounding:

This AC motor optimally prepares your machine for ABS and thin edges. Tools can be effortlessly changed and the finish improved. No manual reworking required (quick-change preliminary setup required).

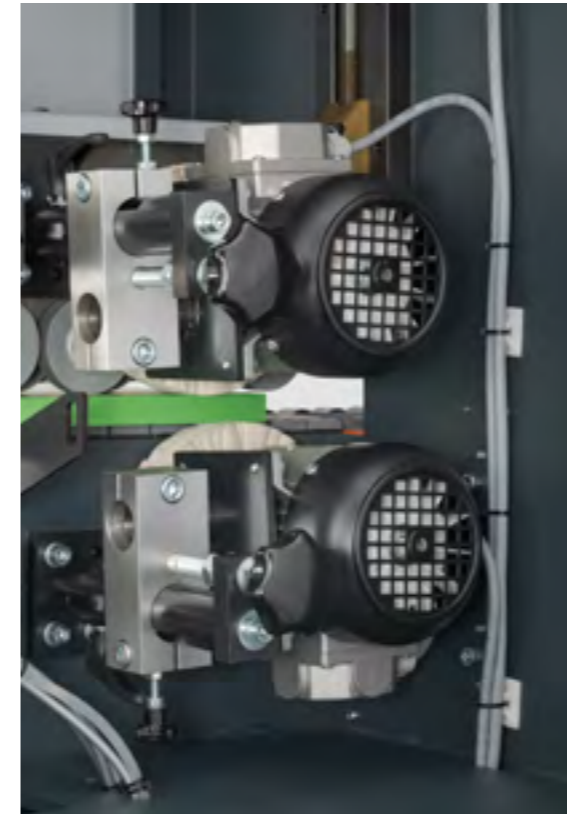
FX/08/5



Surface scraper: Dynamically stored flat scraper ensures high production quality even for difficult materials. The wide contact surface precisely and gently scans the edge material to ensure consistent quality and removes adhesive residue and excess edges.



Indoor LED illumination:
Interior machine lighting for clear setup and maintenance of your machine.
FX/32



Cleaning station:
The two polishing discs free the upper and lower panel from excess sprays, adhesive residue and lighten in the event of edge stress whitening. 2 x 0.18 kW motors, individually adjustable for consistent cleaning results when using various processing technologies.



Wheels: The warp-resistant machine base unit allows precise working for years to come. Whether mass production of small parts or half-size panels, we guarantee a consistent finish each time you work. A well-thought-out extraction system, which requires just one central connection point to your extraction system, allows mostly mobile use of your HEBROCK edge banding machine even in small workshops. All inlet and outlets are found on the machine so that it can be moved as needed using our optional trolley for space-consuming work.
FX/10



Nesting for milling station and radius scraper:
Allows working with tool sharpening and pinhole drilling with a milling unit and radius scraper. The settings can be easily changed via the display on the front of the machine. Scanning of the workpieces takes place underneath the panel.
FX/27

Accessories

Intelligent accessory for better support during your daily work. Almost always upgradable independent of the machine.



Additional glue pot:

Change colour and adhesive more quickly using an additional glue pot. Thanks to a short heating time of just 3.5 minutes, you can work even faster. The glue pot holders provided make handling your second or third glue pot even more efficient.

FX/14



Pre-milling up to 50 mm workpiece thickness:

The F-SERIES is fitted with a jointing cutter for a working height of 40 mm as standard. You have the option of increasing the jointing height to 50 mm in order to utilise all of the options.

FX/31



Air cushion table:

The practical air table can be used as required when filling and unloading the machine, particularly for adding heavy or sensitive machinery parts.

FX/34



Additional roller bar:

An additional roller bar simplifies the ergonomic use of heavy or large workpieces and prevents the material from warping outside of the machine.

FX/35



PUR box: Our PUR box slows down the hardening of PUR adhesive in glue pots by using a compressed air drying process, increasing the potential processing time of the adhesive up to 7 days before cleaning is required. This accessory is recommended if regularly working with PUR adhesives.

P01

F 2 – Our entry-level model

Maximum performance in the smallest spaces.



Discover the F 2

Scan code to see
all F 2 details.



The compact powerhouse.

Do your customers have high demands?
Consider it taken care of. That's because the F 2 edge banding machine lets you deliver perfect edges to your customers, piece by piece.

Premium quality really is this convincing:
the F 2 is the perfect entry-level model of our powerhouse units.
You'll be impressed by its innovative features and compact design.
Make room in your workshop for the F 2 from HEBROCK!

Technical features

- Feed speed 10 m/min
- Greater flexibility of workpiece length
- Higher cover
- Greater ease of use
- Optional flat scraper

Benefits

- Compact frame design
- Interchangeable glue pot can be heated in 3.5 mins
- 3D graphic symbols
- WhisperCut with interchangeable DIA tools

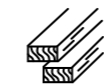
Software/control

- 15" LED touchscreen
- Easy-to-read display with integrated 3D feature
- Revolving and tilting control system
- USB interface
- Meter and running time counter
- Resistant to dust

Suitable for the following materials



Plastic



Wood



Wood-like

F 4 – Our complete solution

This model impresses across the board.



Discover the F 4

Scan code to see
all F 4 details.



Smaller size, same performance.

The space-saving F 4 measures just 4 metres long. However, it is ideal for producing fully machined edges. It comes optimally equipped, even in its standard version.

It will surprise you with its jointing technology, corner processing and flat scraper. An optional radius scraper is available for finishing off edges. And there's plenty more. The integrated interchangeable glue pot (colour change) even allows PUR processing. Set your sights on this diverse model!

Suitable for the following materials



Technical features

- Feed speed 10 m/min
- Higher cover
- Greater ease of use
- Optional radius cutter
- Optional cleaning station
- Integrated adhesive changing device

Benefits

- Compact frame design
- Interchangeable glue pot can be heated in 3.5 mins
- 3D graphic symbols
- WhisperCut with interchangeable DIA tools
- Adhesive/colour change
- Flat scraper including dual keying

Software/control

- 15" LED touchscreen
- Easy-to-read display with integrated 3D feature
- Revolving and tilting control system
- USB interface
- Meter and running time counter
- Resistant to dust

F 5 – Our all-in-one model

Edge machining at the highest level.



Top quality, one step ahead.

The HEBROCK F 5 produces edges to meet and exceed even the highest customer requirements. Premium craftsmanship requires perfection that our all-in-one model reliably delivers. Day after day. The F 5 is equipped with all the components you need for top-quality results, such as a jointing cutter, cross-cut saw, milling unit, radius scraper, corner rounding, flat scraper and cleaning station. Want to achieve the ultimate finish? This high-performance model does plenty at the push of a button.

Technical features

- Feed speed 10 m/min
- Higher cover
- Greater ease of use
- Integrated adhesive changing device
- Compact frame design

Benefits

- Interchangeable glue pot can be heated in 3.5 mins
- Adhesive/colour change
- Flat scraper including dual keying
- Intuitive control
- Integrated cleaning station for polishing edge material

Software/control

- 15" LED touchscreen
- Easy-to-read display with integrated 3D feature
- Revolving and tilting control system
- USB interface
- Meter and running time counter
- Resistant to dust

Discover the F 5

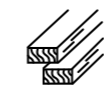
Scan code to see all F 5 details.



Suitable for the following materials



Plastic



Wood



Wood-like

Basic features

The right machine for every requirement.
All F-SERIES machines and features at a glance.

	F2 next	F4 next	F5 next
Manual adjustment of edge and pre-milling thickness	x	x	x
SPS control (including 15" touchscreen)	x	x	x
Support plate for edge material	x	x	x
Visual display for workpiece sequence using LEDs at machine inlet	x	x	x
Pre-milling cutter (including DIA tool) up to 2 mm jointing cutter depth with interchangeable blade design (WhisperCut)	x	x	x
Glue application to the workpiece for edge material up to 3 mm	x	x	x
Overhead changeable glue pot with Teflon coating and glue changing device	x	x	x
Trim saw for precise processing of front and rear edge workpiece	x	x	x
HF milling station with pneumatic milling adjustment and combi-blade system (radius/chamfer/flush)	x	x	x
Corner rounding unit		x	x
Radius profile scraper		o	x
Surface scraper with dual-tracing	o	x	x
Cleaning station		o	x
Conveyor chain with screw-fixed special chain plates	x	x	x
Double roller overhead pressure system (ball-bearing mounted)	x	x	x
Workpiece support (folds out to front)	x	x	x
Viewing window on rear of machine	x	x	x
Feed speed approx. 10 m/min	x	x	x

Optional features

These optional features leave nothing to be desired. Choose from the options below to optimise your new edge banding machine.

	F2 next	F4 next	F5 next
3-point adjustment	x	x	x
Wheels	x	x	x
Quick-change device for corner rounding unit		x	x
Additional corner rounding motor (with tools)*		x	x
Multi-radius scraper*		x	x
Spray systems	x	x	x
Nesting	x	x	x
Pre-milling of workpieces up to 50 mm high	x	x	x
Additional change over quick heating pot	x	x	x
PUR box	x	x	x
Additional roller	x	x	x



*additional special equipment required

F-SERIES next

Technical details for comparison.

This overview shows which F-SERIES edge banding machine is best suited to you and your requirements.



F2 next

Max. pre-milling thickness	2 mm
Max. edge thickness	3 mm
Min/max workpiece thickness	8 – 50 mm
Min. workpiece width	80 mm
Min. workpiece length	180 mm
Feed speed	approx. 10 m/min
Ready for operation	approx. 3.5 mins
Max. power consumption	Ø approx. 5.9 kW
Electrical connection	400 V – 3 Ph – 50 Hz
Machine dimensions	approx. 3350 x 1450 x 1500 mm (LxWxH)
Work table height	850 mm
Extraction socket	Ø 1 x 140 mm
Weight	approx. 640 kg

F4 next

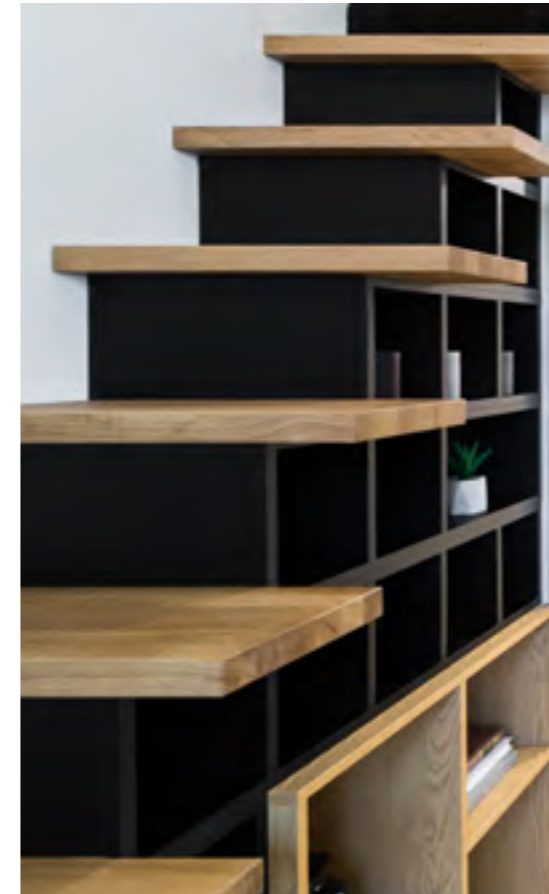
Max. pre-milling thickness	2 mm
Max. edge thickness	3 mm
Min/max workpiece thickness	8 – 50 mm
Min. workpiece width	80 mm
Min. workpiece length	180 mm
Feed speed	approx. 10 m/min
Ready for operation	approx. 3.5 mins
Max. power consumption	Ø approx. 7.4 kW
Electrical connection	400 V – 3 Ph – 50 Hz
Machine dimensions	approx. 4050 x 1450 x 1500 mm (LxWxH)
Work table height	850 mm
Extraction socket	Ø 1 x 140 mm
Weight	approx. 840 kg

F5 next

Max. pre-milling thickness	2 mm
Max. edge thickness	3 mm
Min/max workpiece thickness	8 – 50 mm
Min. workpiece width	80 mm
Min. workpiece length	180 mm
Feed speed	approx. 10 m/min
Ready for operation	approx. 3.5 mins
Max. power consumption	Ø approx. 7.4 kW
Electrical connection	400 V – 3 Ph – 50 Hz
Machine dimensions	approx. 4300 x 1450 x 1500 mm (LxWxH)
Work table height	850 mm
Extraction socket	Ø 1 x 140 mm
Weight	approx. 920 kg



This is what the finest craftsmanship looks like.



Top-quality craftsmanship can be seen in the details.
Clean edges are a key quality feature. These high-quality workpieces were produced with plenty of passion, great skill and an edge banding machine from HEBROCK. Enjoy this small selection of works from our top performers in the F-SERIES!



The F-SERIES: as diverse as your projects.

Wood

HEBROCK edge banding machines are the right choice for just about every type of wood. No matter whether it's solid wood, chipboard, blockboards, MDF or multiplex, you can always expect precise, clean edge processing (including finishing).



Wood-like (HPL panels)

HEBROCK edge banding machines are the right choice for just about every type of wood. No matter whether it's solid wood, chipboard, blockboards, MDF or multiplex, you can always expect precise, clean edge processing (including finishing).



Plastic

Edge banding of plastics, such as PP sandwich panels, is a key part of the craft. With HEBROCK edge banding machines, you can enjoy productivity and flexibility as you work. At the same time, you'll always offer top quality for your customers.



Plenty of scope for your requirements.

No matter whether you want to work efficiently with different types of wood (e.g. chipboard, MDF or multiplex), wood-like workpieces (HPL panels) or plastic (e.g. PP sandwich panels), there are no limits to your creativity. That's because the F 2, F 4 and F 5 edge banding machines deliver outstanding results for a number of materials. It's time to get to work!





We know what counts.

6 benefits for you

Innovative Service-App

Increase your efficiency with myALTENDORF-GROUP. The fast, real-time service reduces your downtimes.

Your quick access to:

- Direct contact
- Chat feature
- Video support
- Real-time service
- Machine documentation
- Training videos
- Service history



Find out more:
www.altendorfgroup.com/myaltendorfgroup

Only available in selected countries.



1 Outstanding quality
Unparalleled precision, impressive value retention and extreme durability. Our machines meet the absolute highest quality criteria. Failures due to wear? They will soon be a thing of the past.

2 Outstanding service
With its products and services, the ALTENDORF GROUP offers you more economic efficiency and more process reliability as a result. Two particular service highlights: Our flat rate maintenance fees and quick spare parts service via our online shop.

3 Fair financing and warranty conditions
We offer you advantageous financing options and flexible extended warranties lasting 1 to 5 years.

4 Customised machines
Whether it's an ALTENDORF circular saw or a HEBROCK edge banding machine – we configure all of our machines so that they are perfectly tailored to your individual needs. We offer a range of equipment options that make this individualisation possible.

5 Trustworthy partnership
Our passion for the trade is great. We are fully committed to partnering with you for decades and supporting you on your way to success. We like to surprise you with innovative solutions. For us, standing still means going backwards.



ALTENDORF GROUP

Two great brands. One strong group.

The aim of the ALTENDORF GROUP has always been to be the best partner in the trade. And we do everything we can to achieve this goal.

As a group of companies, we bring ALTENDORF sizing saws and HEBROCK edge banding machines together under one roof.

We therefore offer two important processing areas for the panel processing trade.

We stay curious: By consistently responding to the wishes and requirements of our customers in our developments, we are actively helping to shape the future of the trade.

Quality, foresight and constant innovations make the ALTENDORF GROUP a trustworthy and competent partner for the trade – both now and in the future.



We will help you – competently, directly and personally.

+49 5741 3479-0





Maschinenbau Hebrock GmbH

Beendorfer Straße 31 • 32609 Hüllhorst • Tel. +49 5741 3479-0 • info@hebrock.de • www.altendorfgroup.com

 altendorf.minden  altendorf_hebrock  Altendorf Group

ALTENDORF[®]
GROUP