



EDGE BANDERS MADE IN GERMANY

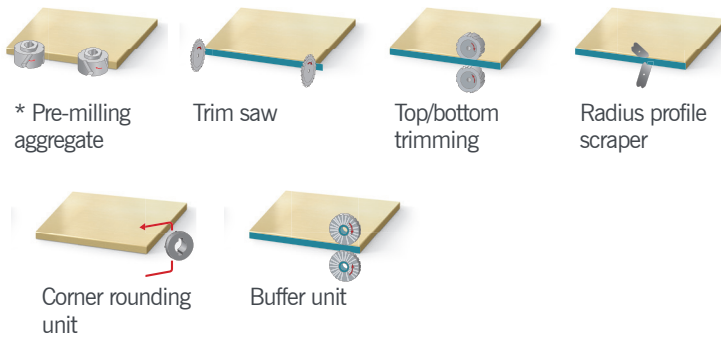


We know what counts...
Your performance

F-SERIES next F4M | F5

F-SERIES next F4 | OUR COMPLETE SOLUTION

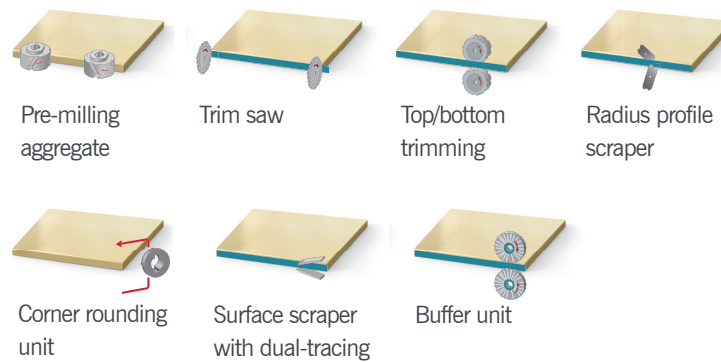
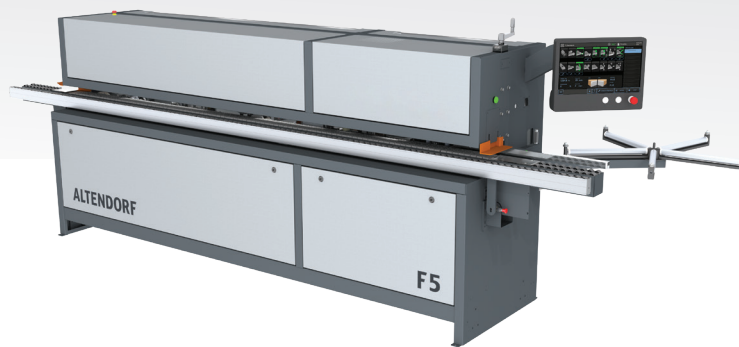
If you want to produce completely finished edges on space-saving 4 m machine length, go for the Altendorf F4M. The standard version is already fitted for jointing, corner machining, radius profile scraper and Buffer unit for working the edges. Thanks to the PLC control per 15" touch screen you can also operate the F4M nice and easy. And with the hot-melt glue changing device (colour change) accessory even PUR processing is possible. Get started with the complete finishing of your edges!



* The model F4 is also available without the premilling aggregate.

F-SERIES next F5 | OUR ALL-IN-ONE-MODEL

If it's maximum performance you want, the Altendorf F5 is the solution for edge banding in demanding workshop operations. The F5 guarantees edge finishing in all stages and directions, as it is fitted with all the components you need for your requirements: Pre-milling aggregate, trim saw, top/bottom trimming, radius profile scraper, corner rounding unit, surface scraper, buffer unit. For even more flexibility on the way to the perfect finish the F5 can also be optionally fitted with a practical multi-radius profile scraper. See for yourself how the Altendorf F5 finishes, from material cuts through to working perfect edges!



PLC-CONTROL

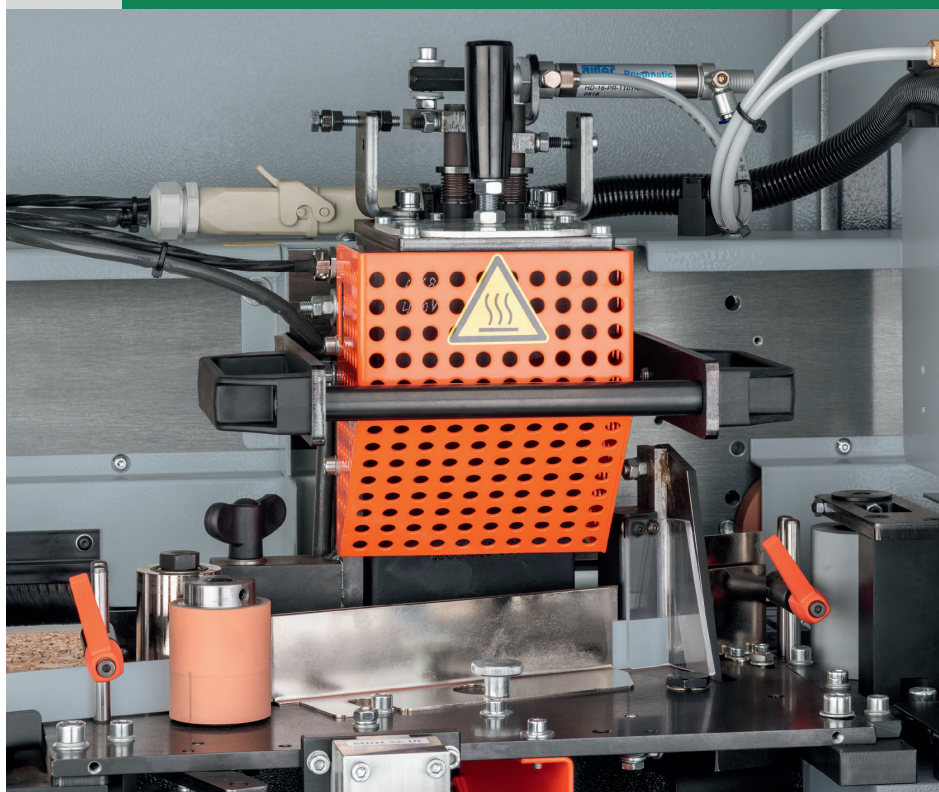
Aggregates can be selected via screen control.

- 15"LED-Touchscreen
- Clear screen with integrated 3D-Function
- Rotating and tilting operator control
- USB-Interface
- Meter and operation hour counter



This energy-saving mode is an automatic stand-by mode that shuts down all units. If a workpiece is not entered into the machine for a longer period of time (15 minutes), the machine inclusive the heating of the glue-pot system switches off automatically.

The machine consumes a minimum of energy.

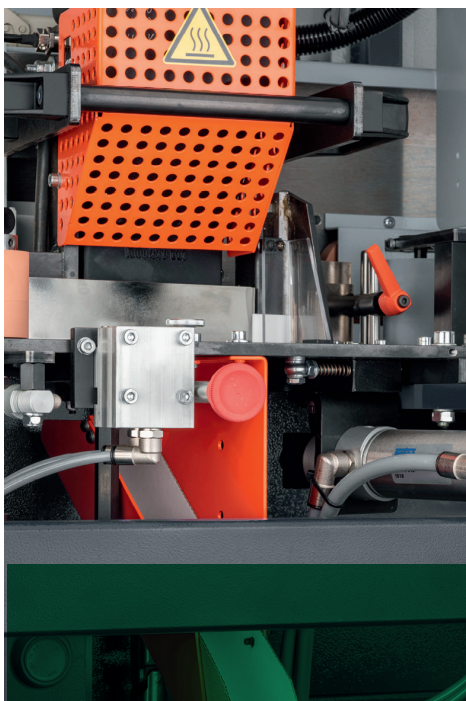


QUICK CHANGE GLUE POT

The processing of EVA and PUR glue in one glue-pot system is possible!

A good alternative for customers who need colours in their daily work. With the help of an additional exchangeable glue pot, any glue available colour of choice can be used without wastage. It is also possible to use PUR adhesives in the container.

**Additional glue pot can be purchased separately.*



ADHESIVE INTERCHANGER

The proven Altendorf glue pot technology includes:

- Peak times in the heating up time of the glue, within 3 minutes your machine is ready for operation!
- A special Teflon coating, making cleaning your glue pot a breeze.
- A convenient and easy change of your glue pot, by quick-release electrical and pneumatic elements, so you can change it in less than a minute.
- Capacity 0,5KG

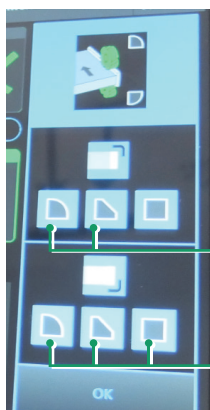
Due to the adhesive changing device integrated in the machine, different types of adhesive(whether EVA or PUR) as well as different colours can be changed easily. Simply press the button for heating up which is stored in the program, open the glue drain manually through a slider and let the glue-pot run empty. Then refill new granules in the glue-pot to achieve perfect results once again.



MILLING STATION

This device in the field of edge processing offers the possibility to choose between the methods of: radius / chamfer and flush milling (combi-version) with an optional 3-point adjustment, you will be flexible in using different edge thicknesses. Due to the optimized user interface of the touch panel, it is no longer necessary to open the hood for adjustments.

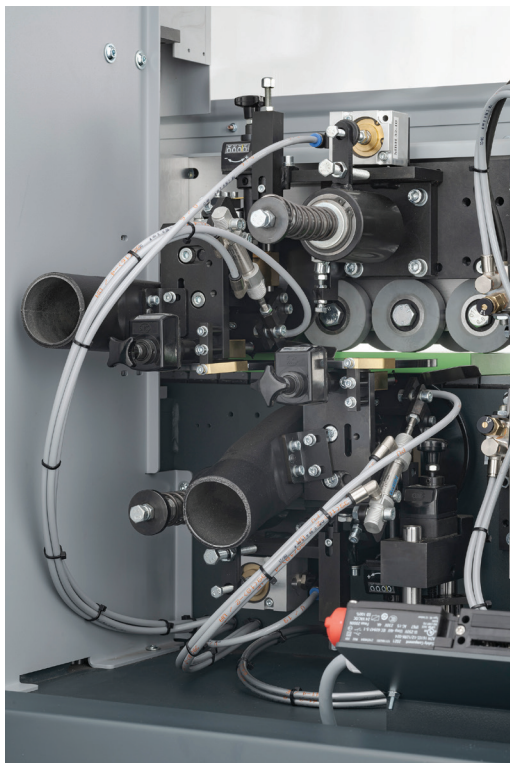
Pneumatic 3-Point-Adjustment



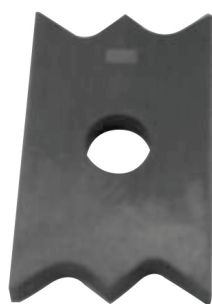
2-Point-Adjustment:
Radius / Chamfer

3-Point-Adjustment:
Radius / Chamfer / Flat

MULTI RADIUS SCRAPER*



- Turn over plates for scraping the top and bottom side
- Independent control of the upper and lower radius scraper blade by means of touchscreen
- Horizontal and vertical tracer discs
- For flexible processing of different radii without having to make any settings in the machine, the multi-radius scraper offers the option of using these two radii: 2 mm and 1 mm. The conversion of the radii can be selected separately in the control system or saved in a program.



Multi-Radius Scraper

** Not available as standard feature in certain models*

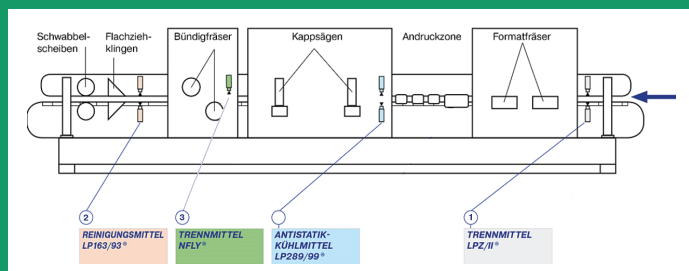


CORNER ROUNDING UNIT with quick change system

With an Altendorf corner rounding unit, the working of right-angled workpieces from the front is unproblematic. Thanks to the intelligent programming, the possibility of processing individual sides or processing methods (copying of edge radius or straight up and down for thin edge) is possible. Altendorf offers a quick solution in dealing with a wide range of edge thicknesses, with the optional interchangeable motor. Because of the Quick-Device System, it is possible to replace motors within one minute. An advantage when it comes to processing different radiuses.

**Motor to be purchased separately*

SPRAY SYSTEMS (Optional)



1. Release spraying agent (before pre-milling)

By applying the release agent to the top and bottom of the panel, leaked adhesive residues sticking to the workpiece is prevented. Consumption is less than one liter for about 5000 running meters per nozzle.

2. Cleaning spraying agent (before flat-scaper)

The cleaning agent spraying system sprays the detergent onto the top and bottom of the workpiece edge areas. By applying the cleaning agent and the subsequent polishing unit, the release agent applied in the infeed of the machine and the loose adhesive residues are removed.

3. Lubricant spraying (before top/bottom milling)

With an additional nozzle, the lubricant sprays sideways onto the edge band surface. The damp edge/film transports the grease agent further. In this way, damage and marking is prevented by touch/sliding blocks on sensitive edge bands (e.g. acrylic). In addition, applied protective films do not detach from the edge band.



PUR Box (Optional)

With the help of the PUR box, glue pots with polymer adhesives (PUR) can be stored for up to a week. Thanks to the drying process, the air in the tank is reduced to less than 2%, and the reaction of the adhesive reacts slower. To do this, the system must have power and air connection, so that it can be flushed out after the interval has elapsed. This simple and unprobable system has the requirement that PUR glue pots don't have to be cleaned after processing and at least after 24h with a CLEANER-granulate.

Images and Technical data are subjected to change due to constant development of our machines!

F-SERIES next

F4 – the technical profile



| | |
|--------------------------------|--|
| Max. edge thickness: | 3 mm |
| Min./max. workpiece thickness: | 8 – 50 mm |
| Min. workpiece length: | approx. 160 mm |
| Feed speed: | 10 m / min. |
| Ready to operate: approx. | approx. 3.5 min. |
| Power consumption: | Ø approx. 7.4 kW |
| Electrical connection: | 400 V / 3 Ph / 50 Hz |
| Table height: | approx. 900 mm |
| Machine dimensions: | approx. 4,050 x 1,300 x 1,500 mm (L x W x H) |
| Weight: | approx. 820 kg |
| Exhaust connection: | Ø1 x 140 mm |
| Panel to Panel Distance | approx. 450 mm |

F-SERIES next

F5 – the technical profile



| | |
|--------------------------------|--|
| Max. edge thickness: | 3 mm |
| Min./max. workpiece thickness: | 8 – 50 mm |
| Min. workpiece length: | approx. 160 mm |
| Feed speed: | 10 m / min. |
| Ready to operate: approx. | approx. 3.5 min. |
| Power consumption: | Ø approx. 7.4 kW |
| Electrical connection: | 400 V / 3 Ph / 50 Hz |
| Table height: | approx. 900 mm |
| Machine dimensions: | approx. 4,300 x 1,300 x 1,500 mm (L x W x H) |
| Weight: | approx. 900 kg |
| Exhaust connection: | Ø 1 x 140 mm |
| Panel to panel distance: | approx. 450 mm |

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Seamless joint with Air Tronic process
Edge with PUR adhesive
Edge with EVA adhesive

SOLID WOOD



VENEER



PLASTIC



DEMANDING WORKSHOPS NEED GERMAN EDGE BANDING

Edge banding machines with the highest precision

The competition is too tough for wrong decisions.
That is why flexibility, reliability and quality are still the best guarantees
of success. And with Altendorf edge banding machines you are sure to
make the right decision.



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