

EDGE BANDERS



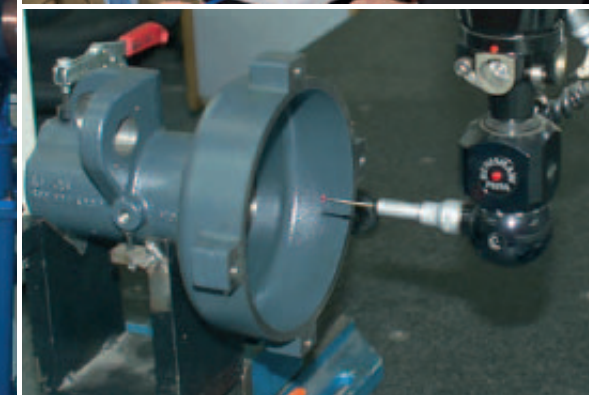
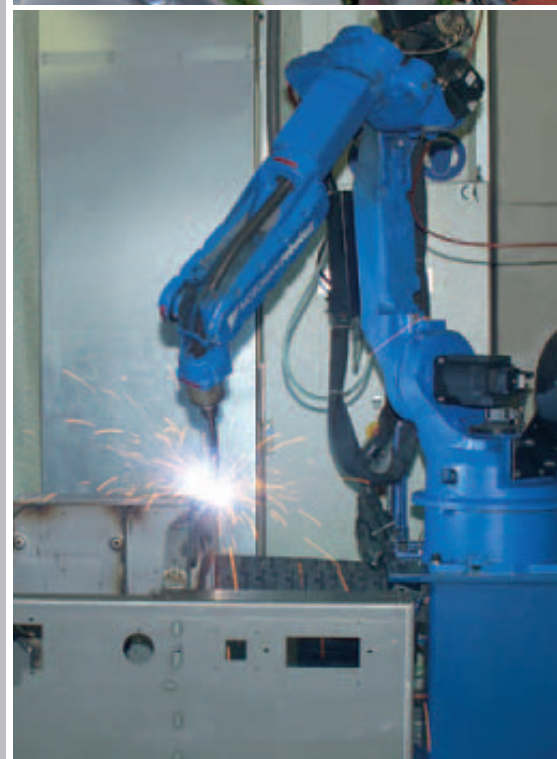


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FELDER® is a brand of Felder KG.
We have been developing and producing
first-rate woodworking machines and
accessories since 1956.



FELDER: The right choice!

The Felder range of classic
woodworking machinery has
been specifically developed for
demanding daily use in industry
and the woodworking workshop.
Precision, versatility and durabil-
ity encompassed in a modern
ergonomic design. There is simply
no tougher and more up to date
range of machines available in
this class.

Our range offers a solution
for all your edgebanding
requirements.

04 Edgebanders

G 300
G 200
P 200



10 G 400 G 460



18 G 580/x-motion-plus G 570/x-motion-plus G 560/x-motion-plus G 500/x-motion-plus



34 Edgebanding accessory machines

ForKa 300 S/FK 300
ForKa ECO
ERM 1050



The "CLASSIC" category edgebander

Your edges need to be perfect? Edgebanders from Felder make no compromises.

Choose between edgebanders for pre-glued material (P 200) or glue-pot edgebanders (G 200, G 300).

Highlights of the Felder edgebanders include a compact frame, small floor space requirement and quick start-up times due to easy configuration and responsive heating elements.



P 200 G 200 G 300

3 models



P 200

Edgebander for pre-glued edges

- For pre-glued edges
- Hot air blower 3000 W
- Manual unit adjustment
- Tape thickness 0.4–2.0 mm
- Workpiece height 10–45 mm
- 5.5 m/min feed speed



G 200

Edgebander with glue pot

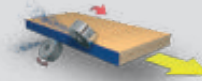
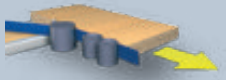
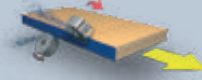

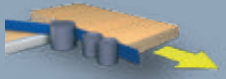
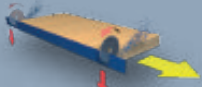
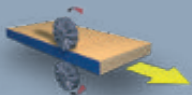
- Glue application with fine adjustable glue rollers
- Manual unit adjustment
- Tape thickness 0.4–2.0 mm
- Workpiece height 10–45 mm
- 5.5 m/min feed speed



G 300

Edgebander with glue pot

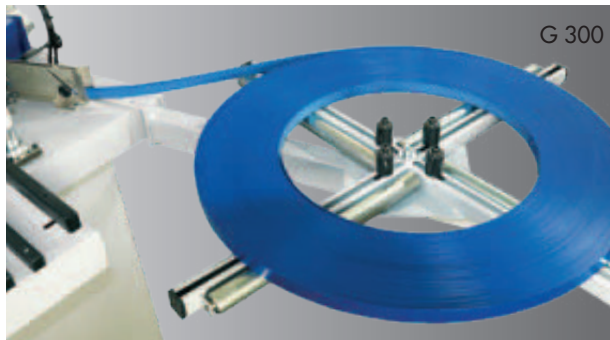
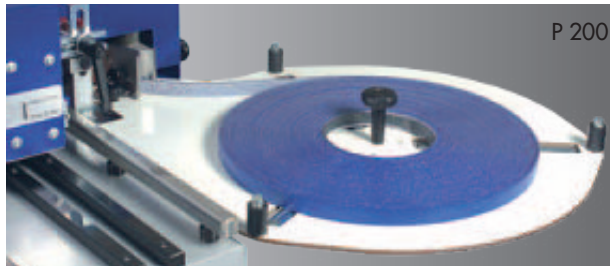
- Glue application with fine adjustable glue rollers
- Manual unit adjustment
- Tape thickness 0.4–3.0 mm
- Workpiece height 10–45 mm
- 5.5 m/min feed speed

MODEL	STANDARD EQUIPMENT					OPTIONS
 <p>P 200</p>	 <p>Support for coiled, pre-glued edging material</p>	 <p>Hot air blower</p>	 <p>Pressure roller unit</p>	 <p>Pneumatic shears for the end cut</p>	 <p>Flush and radius trimming unit</p>	
 <p>G 200</p>	 <p>Support for coiled edging material</p>	 <p>Glue roller and glue pot</p>	 <p>Pressure roller unit</p>	 <p>Pneumatic shears for the end cut</p>	 <p>Flush and radius trimming unit</p>	
 <p>G 300</p>	 <p>Support for coiled edging material</p>	 <p>Glue roller and glue pot</p>	 <p>Pressure roller unit</p>	 <p>End trimming unit</p>	 <p>Flush and radius trimming unit</p>	 <p>Buffing unit</p>

Units

P 200 G 200/300

Coiled material support



Support for coiled edge material of 0.4 to 2 mm (3 mm for the G 300) incl. rollers and stops.

The G 300 model has a titable support table, which makes it possible to change to 3 mm edging without difficulty.



Hot air blower (P 200)



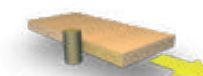
3000 W high performance hot air blower. Variable temperature control 20°–500°C. Temperature display on the thermometer.



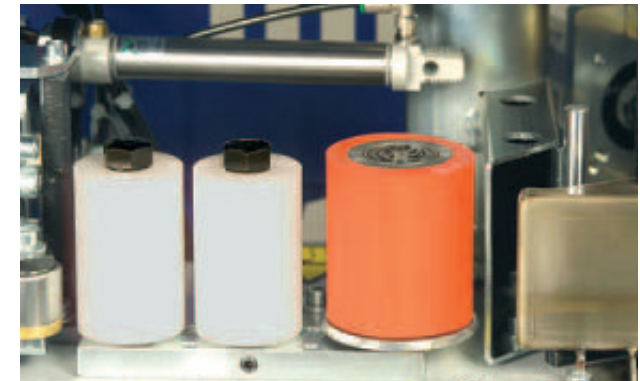
Glue roller and glue pot (G 200/300)



The knurled glue roller ensures an even application of glue to the workpiece. The 1.2 kg glue pot provides sufficient glue capacity.

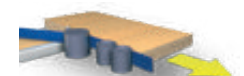


Pressure roller unit



A large rubber-lined contact roller and two plastic pressure rollers ensure that the glue is applied perfectly and the bond well executed.

The pressure rollers attach the edging material to the workpiece and ensure a perfect bond between the two. (On the G 300 the rubber pressure roller is spring-loaded)

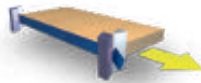


Units + Options

Pneumatic end trimmer (P 200/G 200)



The end trimmer cuts the protruding edges flush to the workpiece at the beginning and the end of the workpiece.



End trimming unit (G 300)

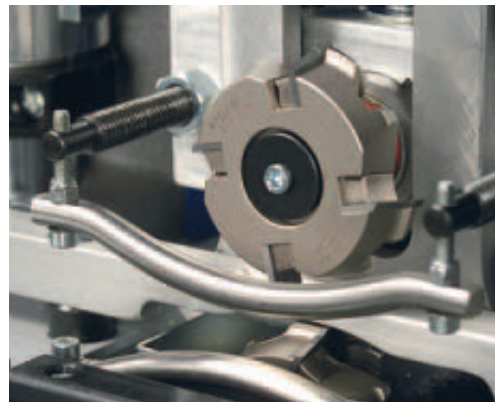
High precision guidance ensure perfect results from the saw unit. The end trimming saw unit guarantees that the ABS edging materials will not discolour once cut.



Flush and radius trimming unit

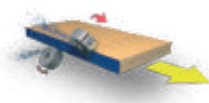
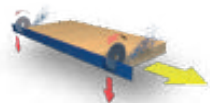


G 300

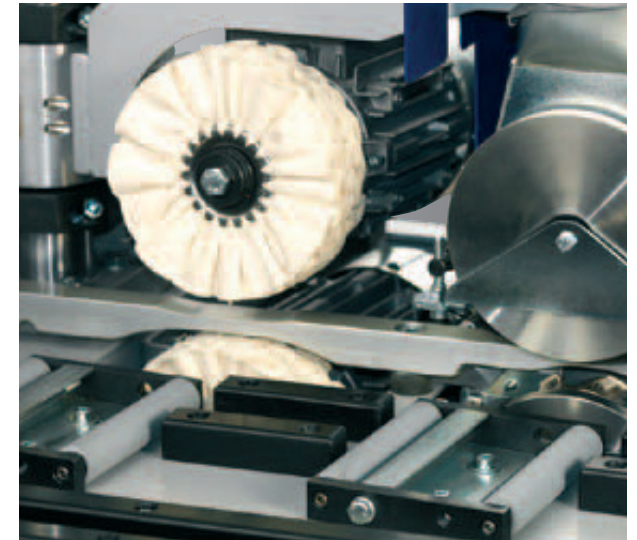


P 200
G 200

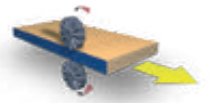
Depending on the setting, the protruding edge is trimmed flush to the workpiece with two cutters on the upper and lower edge of the workpiece and the finish is executed either with a 2 mm radius or 15° bevel cutter. The P 200 and G 200 are equipped with a copying pad, the G 300 with a copy roller.



Option: Buffing unit



The G 300 can be equipped with the optional buffing unit.



Technical data – Equipment options to suit your personal needs:

Control panel



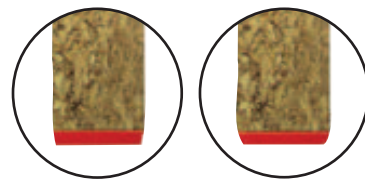
P 200 with temperature regulator of the hot air blower.



G 200, G 300 with thermostat for the glue pot.



Workpieces from 10 to 45 mm in height can be machined.



2 mm radius or 15° bevel is possible.

		P 200	G 200	G 300
POS	Electrics			
001	3x 400 V	S	S	S
003	1x 230 V motor voltage	O	O	-
004	50 Hz	S	S	S
	Working dimensions			
	Edge thickness min.-max. (mm)	0.4-2.0	0.4-2.0	0.4-3.0
	Work piece thickness min.-max. (mm)	10-45	10-45	10-45
	Units			
	End trimming	S	S	S
	Flush trimming Ø 70 mm, Z 4, α=15°, R= 2 mm	S	S	-
	Flush trimming Ø 70 mm, Z 6, α=15°, R= 2 mm	-	-	S
030	Buffing unit with 2x 900 W motors at 1400 rpm	-	-	O
	General			
	Table size mm	1800 x 300	1800 x 300	2000 x 300
	Required compressed air	6 Bar	6 Bar	6 Bar
	Feed speed in m/min	5	5	5
	Extendable support 320 mm	S	S	S
	Weight in kg, net/gross	210/260	260/310	380/430

	P 200/G 200	G 300
A mm	1250	1250
B mm (Shipping width)	780	780
B mm	895	1400
C mm	2100	2800



S ... Standard equipment, W ... Optional equipment at no extra cost, - ... Not available, O ... Option

“UNIVERSAL” edgebander with optional scraping and buffing unit

The Felder “UNIVERSAL” class is the right choice when you're looking for an edgebander with chain feed and universal compatibility with coiled material made of ABS, PVC and heavy-duty veneer, from 0.4 to 3 mm with an edge width of 45 mm.

The Felder 400 Series combines top-notch 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 400 G 460

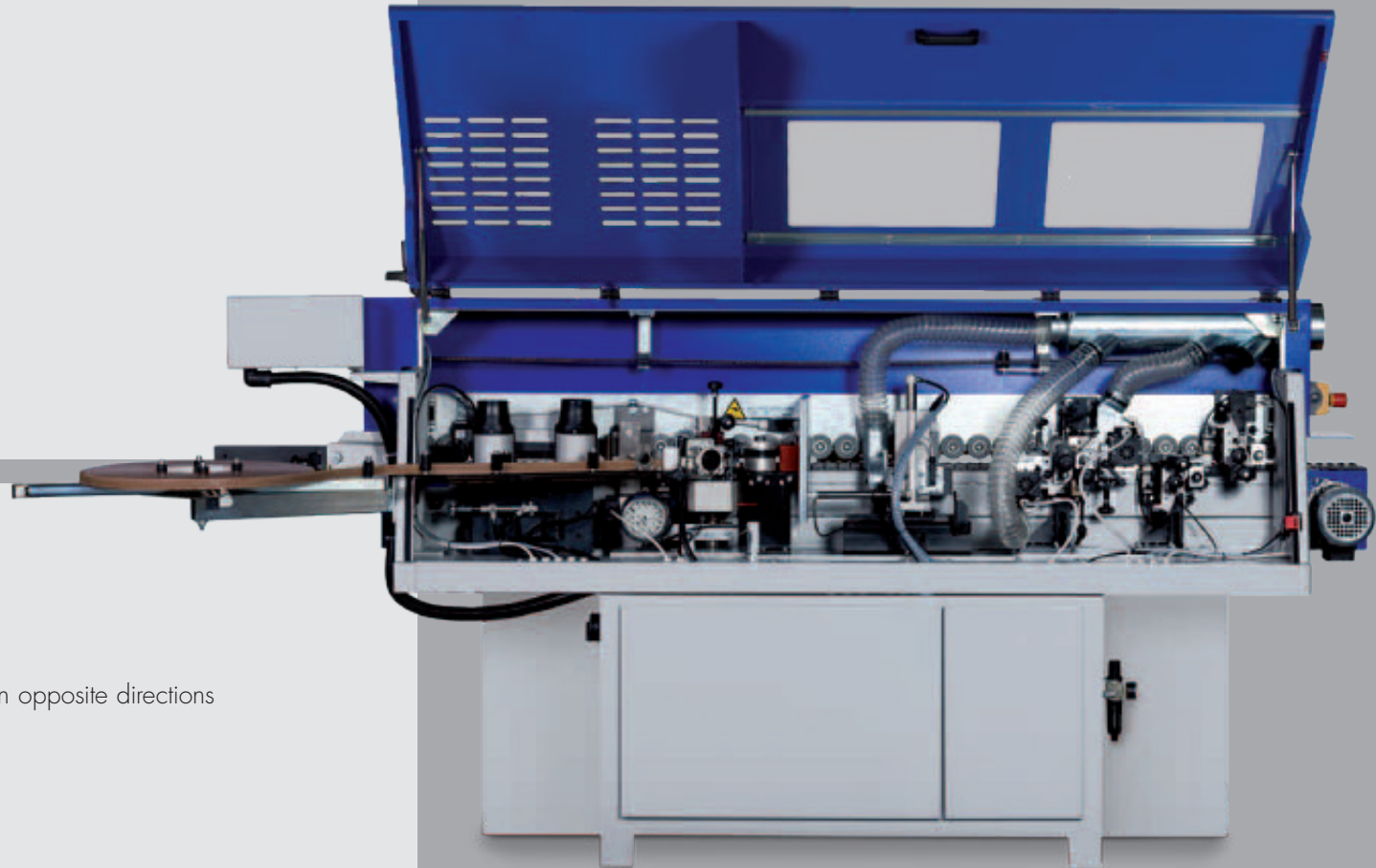
A compact machine, delivering perfect gluing results

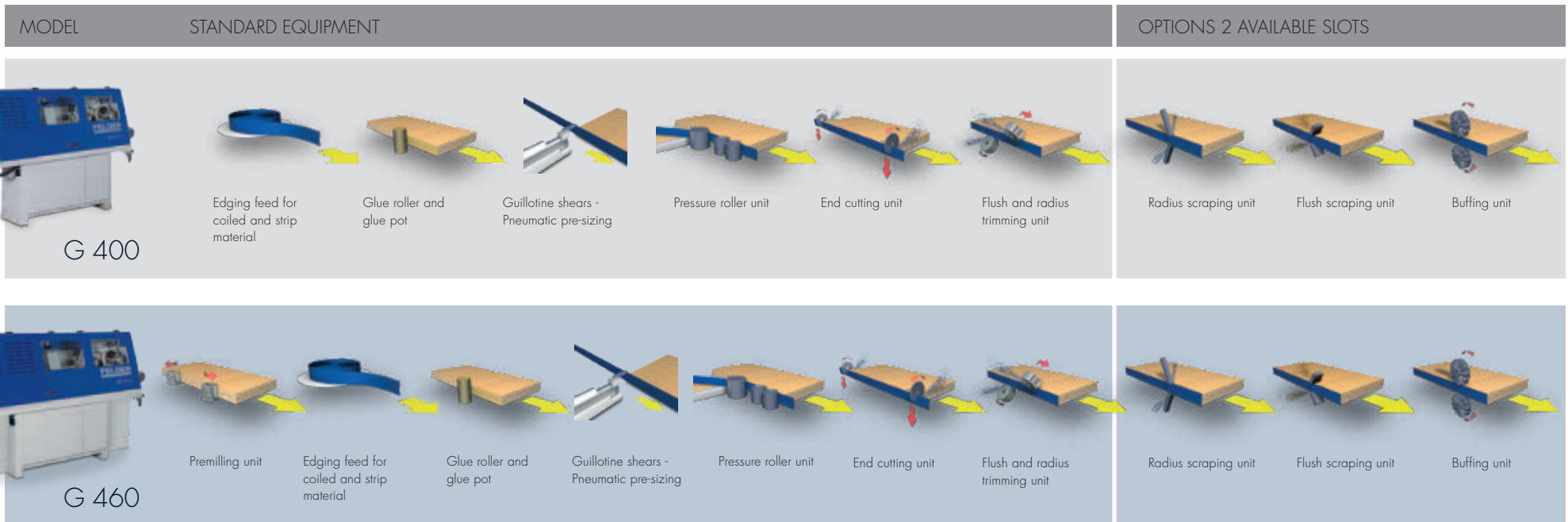
G 400 Edgebander

- Operating panel with LCD display and keypad
- Manual unit adjustment
- Tape thickness 0.4–3.0 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)

G 460 Edgebander

- Operating panel with LCD display and keypad
- Premilling unit with 2 diamond spindles rotating in opposite directions
- Manual unit adjustment
- Tape thickness 0.4–3.0 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)





G 460: Operating panel with LCD display and keypad

Functions:

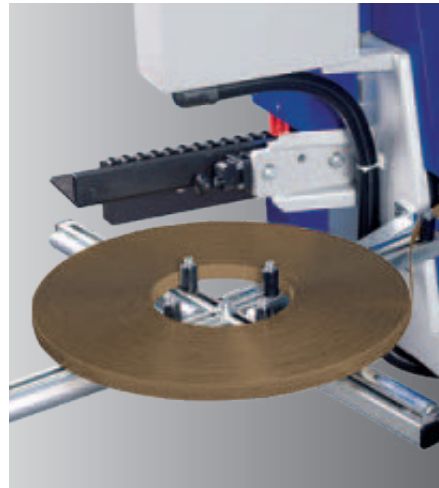
- Glue temperature settings
- Automatic glue temperature decrease
- Units can be selected and disengaged
- Odometer for total meters of material used
- Display of the maintenance intervals
- Plain text error messages

Units

G 400/460

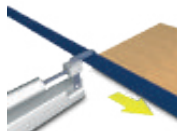
Edging feed for coiled material

Automatic edge feed for coiled material 0.4 to 3 mm.



Guillotine shears for edge material measuring up to 45 mm in height

To cut ABS and PVC up to 3 mm thick.



Premilling unit (G 460)

The two diamond tipped spindle heads rotate in opposing directions, ensuring a perfectly straight workpiece edge, to which before the edge material can be glued. The premilling unit guarantees that chipped or torn edges are a thing of the past, each and every time. Depth of cut is continuously adjustable from 0 to 2 mm using the digital counter.

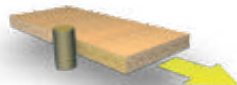


Units

Glue roller and glue pot



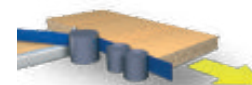
The Teflon-coated glue pot holds up to 1.2 kg of EVA hot melt glue granulate (Ethylene-Vinyl Acetate copolymer). The machine is ready to use after only a short heating time. The adjustable glue roller ensures that the hot melt adhesive is dispensed correctly and gives a perfect finish to every kind of edging material. PUR (Polyurethane) hot melt glue granulate can also be used - please note manufacturer's guidelines.



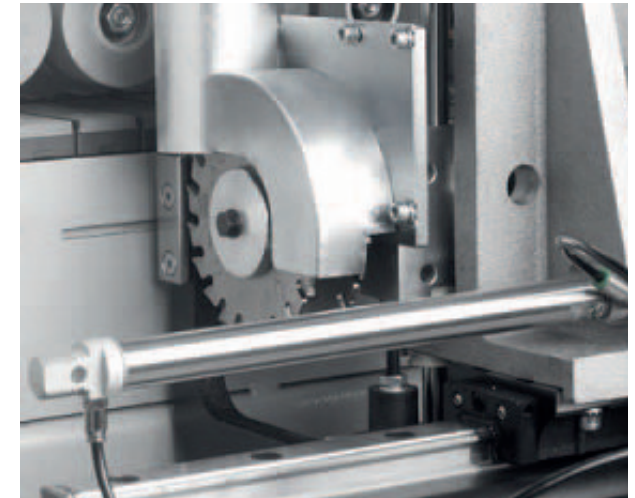
Pressure unit for well-executed glued joints



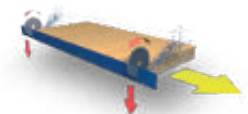
The first roller presses the edging onto the workpiece. The main pressure roller is mechanically preloaded using springs and seals the glue joint from above and below. Edge thickness is set simply by inserting a piece of edging.



End trimming unit; the perfect cut



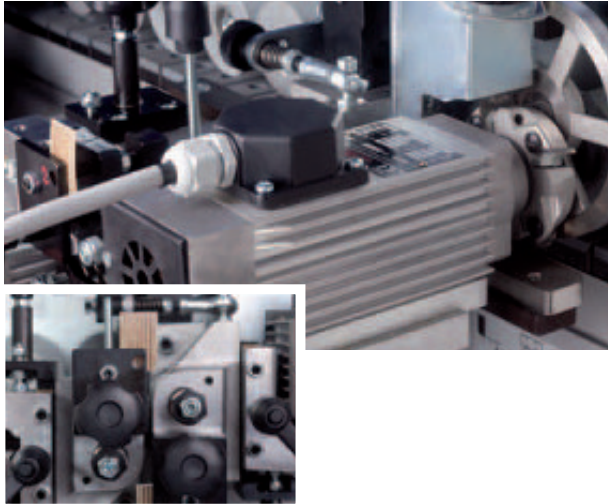
High-precision vertical movements ensure that the end trimming unit makes perfect cuts. A 12,000 rpm, 0.27 kW motor guarantees that the machine can meet any challenge and process any material. The end trimming unit can be selected or disengaged via the control panel.



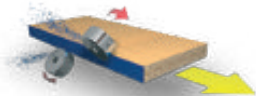
Units + Options

G 400/460

Flush and radius trimming unit for perfect results



It is quick and easy to switch between flush trimming, radius trimming and bevelled cuts for thin edges. The newly developed setup system ensures balanced edge tolerances and prevents setup mistakes. Two independent high-frequency motors with special spindles ensure perfect milling results with any edging material. The machine is equipped with tools 2 mm in radius as a standard. The machine can be equipped with tools 3 mm in radius upon request.



Radius scraping unit
Perfect edging



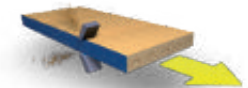
The top surface of the edge radius is removed by the light scraping of the radius blade.



Flush scraping unit
Perfect workpiece



The scraping unit can be engaged manually and ensure a perfect workpiece surface "finish".



Units + Options

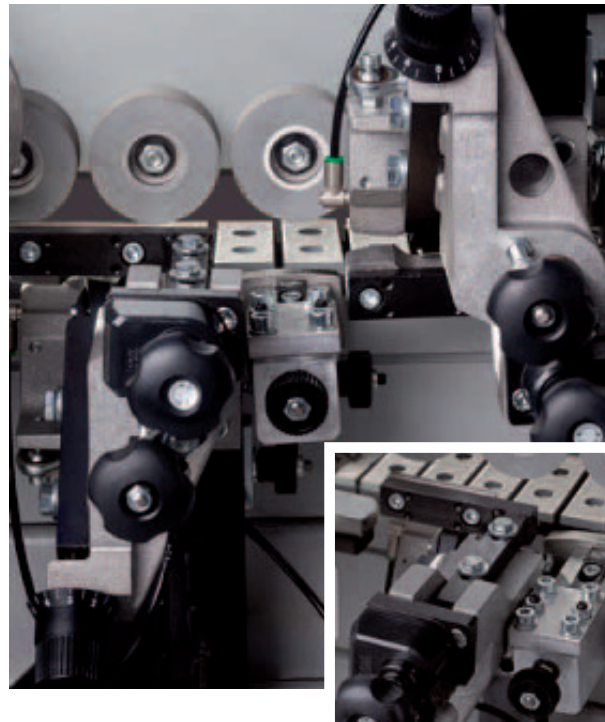
Buffing unit Perfect "finish"



Super "finish" for ABS and PVC edging material.

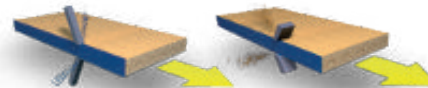
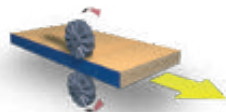
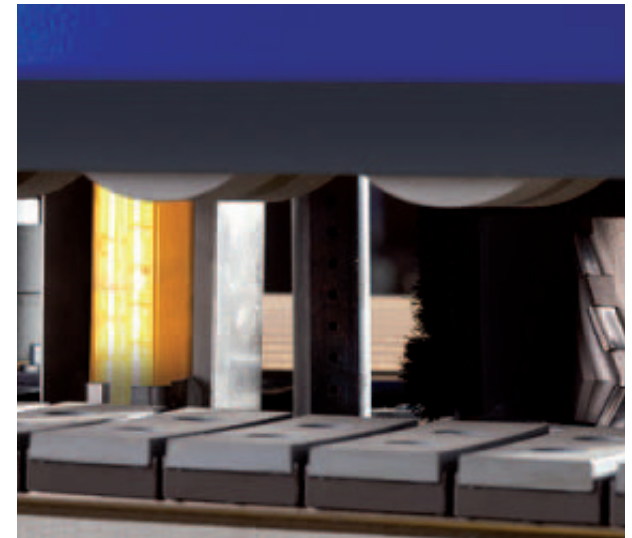
New: Combination radius trimming unit and glue scraping unit

Smooths the edging radius and removes any marks made by the spindle. Together with the built-in glue scraping unit, cleans the glue joints. This gives high-quality results without the need for post-processing.



Infrared lamp and heating element

The panel edges are heated up before glue application, which ensures optimum process dependability and guarantees optimum edge adhesion, particularly for cold workpieces.

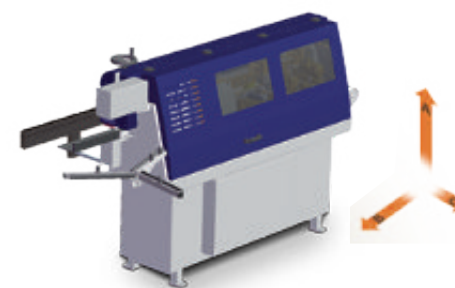


Technical data, Equipment options to suit your personal needs:

G 400/460

		G 400	G 460
POS	Electrical setup		
001	3x 400 V	S	S
004	50 Hz	S	S
	Premilling Unit		
	Premilling unit centrally controlled – can be disengaged	-	S
	Adjustable cutting depth (mm)	-	0–2
	Tool diameter (mm)	-	60
	Max. processing height (mm)	-	45
	No. of asymmetrical diamond tipped V-cut milling units	-	2+2
	Rpm	-	12,000
	Power (kW) of each motor	-	1.1
	Working dimensions		
	Edge thickness min.–max. (mm)	0.4–3.0	0.4–3.0
	Work piece thickness min.–max. (mm)	8–45	8–45
	Min. workpiece width (mm)	70	70
	Min. workpiece length (mm)	210	210
	Units		
	Coiled edge band feed support plate Ø 800 mm, for PVC./ABS	S	S
	Edge feeding is automatic for roller materials with a thickness of 0.4–3 mm, strip glue in separate feed	S	S
	Guillotine shears for cutting coiled edge bands up to 3 mm in thickness in Hard-PVC./ABS	S	S
	Glue unit for glue granulate from the teflon coated glue pot	S	S
	Spring loaded pressure unit with 1 pressure roller and 1 free moving roller	S	S
	12,000 rpm, 0.27 kW end trimming unit, with Ø 100 mm 24 tooth HW-Saw blades	S	S
	12,000 rpm, 0.37 kW Flush trimming, radius trimming and bevel trimming	S	S
	Tooling for 2 mm radius	S	S
40	Tooling for 3 mm radius	○	○
10	Radius scraping unit for R= 2 mm, mechanically controlled	○	○
20	Glue scraping unit, mechanically controlled (not possible in combination with the radius scraping unit)	○	○
25	Combined radius trimming unit and glue scraping unit (not available in combination with Pos. 30)	○	○

		G 400	G 460
30	Buffing unit with 2 motors at 1400 rpm and 900 W (not possible in combination with the radius scraping unit)	○	○
45	Infrared heat lamp for pre-heating board edges	-	○
50	Heated entry ruler	○	-
	Operation		
	Operating panel with LCD display and keypad	S	S
	Through feed		
	Workpiece chain feeder	S	S
	9 m/min feed speed	S	S
	Extensible workpiece support	S	S
	General		
	Extraction connector Ø in mm	120	120 + 2x 80
	Weight, kg (with standard equipment)	450	560
	Length in mm	2800	3200



	G 400	G 460
A mm	1550	1550
B mm	2800	3200
C mm (Shipping width)	770	770
C mm	1100	1100

S ... Standard equipment, W ... Optional equipment at no extra cost, - ... Not available, ○ ... Option

The “PROFESSIONAL” category edgebander

There are four Felder models available in the “PROFESSIONAL” category to process coiled edge material and solid strips up to 5 mm thick and a maximum height 60 mm.

The G 500 base model is extremely compact and combines outstanding performance and quality at an unbeatable price. The G 560 and its additional “Premilling” function is a great investment if your panel saw is not giving you a perfect edge on your workpieces.

The corner rounding module is the top feature of the G 570. Professional finishing of corner edges of straight, post formed or soft formed workpieces up to a height of 45 mm. The G 580 is the top of the line model of the Felder quartet and is equipped with a premilling unit and a corner rounding unit.

Individual tailored solutions to further improve the quality of the final workpiece are also available on each of the four Felder models, including a glue scraper or buffing unit.



G 500 G 560 G 570 G 580

FELDER®



4 Machines for perfectly applicated glue results



G 500 Edgebander

- Operating panel with LCD display and keypad
- Manual unit adjustment
- Edging thickness 0.4–5.0 mm (8 mm Option)
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units

Option: x-motion-plus PACKAGE

- + 5.7" colour touchscreen
- + Pneumatic adjustment of the units
- + End position damping of the glue pot, and many more



G 560 Edgebander with premilling unit

- Operating panel with LCD display and keypad
- Premilling unit with 2 diamond spindles rotating in opposite directions
- Manual unit adjustment
- Edging thickness 0.4–5.0 mm (8 mm Option)
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units

Option: x-motion-plus PACKAGE

- + 5.7" colour touchscreen
- + Pneumatic adjustment of the units
- + End position damping of the glue pot, and many more



G 570

Edgebander with corner rounding unit

- Operating panel with LCD display and keypad
- Corner rounding unit for front edges
- Manual unit adjustment
- Edging thickness 0.4–5.0 mm (8 mm Option)
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units

Option: x-motion-plus PACKAGE

- + 5.7" colour touchscreen
- + Pneumatic adjustment of the units
- + End position damping of the glue pot, and many more



G 580

Edgebander with premilling unit and corner rounding unit

- Operating panel with LCD display and keypad
- Premilling unit with 2 diamond spindles rotating in opposite directions
- Corner rounding unit for front edges
- Manual unit adjustment
- Edging thickness 0.4–5.0 mm (8 mm Option)
- Workpiece height 8–60 mm
- 11 m/min feed speed
- 3 spaces for finishing units

Option: x-motion-plus PACKAGE

- + 5.7" colour touchscreen
- + Pneumatic adjustment of the units
- + End position damping of the glue pot, and many more

MODEL

CONTROL SYSTEM

STANDARD EQUIPMENT



G 500



Operating panel with LCD display and keypad

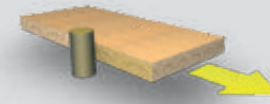


x-motion-plus Control

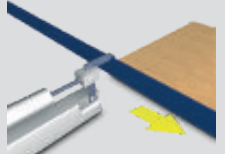


Heated guide ruler (Option)

Edging feed for coiled and strip material



Glue roller and glue pot



Guillotine shears - Pneumatic pre-sizing



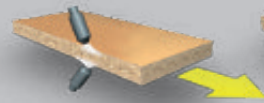
G 560



Operating panel with LCD display and keypad



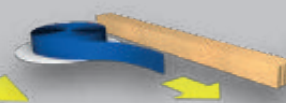
x-motion-plus Control



Spraying equipment release agent for PUR glue (Option x-motion-plus PACKAGE)



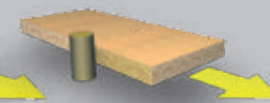
Premilling unit



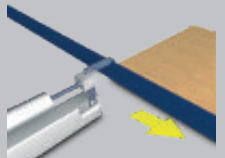
Edging feed for coiled and strip material



Infrared heater lamp (Option)



Glue roller and glue pot



Guillotine shears - Pneumatic pre-sizing



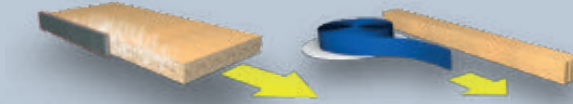
G 570



Operating panel with LCD display and keypad

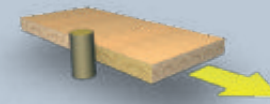


x-motion-plus Control

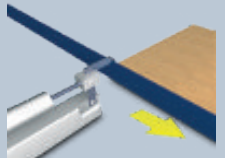


Heated guide ruler (Option)

Edging feed for coiled and strip material



Glue roller and glue pot



Guillotine shears - Pneumatic pre-sizing



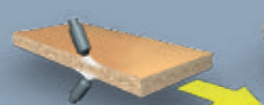
G 580



Operating panel with LCD display and keypad



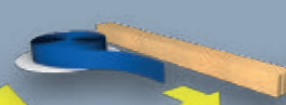
x-motion-plus Control



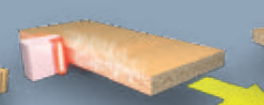
Spraying equipment release agent for PUR glue (Option x-motion-plus PACKAGE)



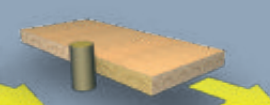
Premilling unit



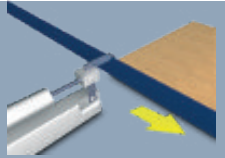
Edging feed for coiled and strip material



Infrared heater lamp (Option)

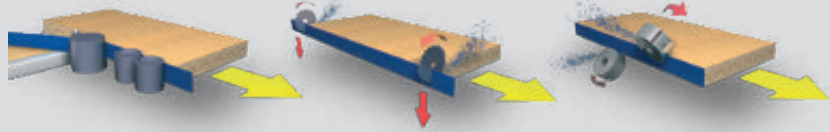


Glue roller and glue pot

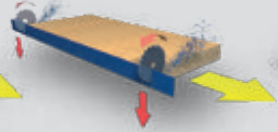


Guillotine shears - Pneumatic pre-sizing

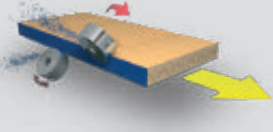
OPTIONS FOR THE PERFECT "FINISH"



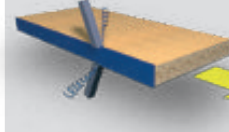
Pressure roller unit



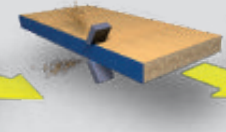
End cutting unit



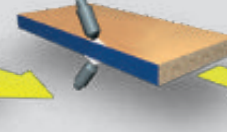
Flush and radius trimming unit



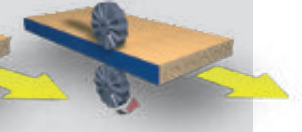
Radius scraping unit



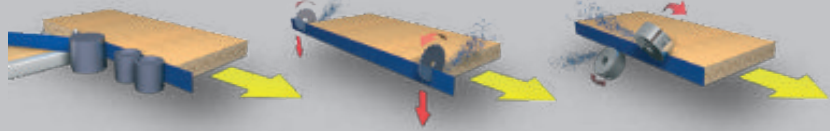
Flush scraping unit



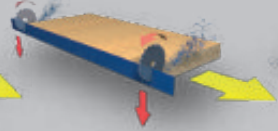
Spraying equipment for cleaning and polishing agents
(Option x-motion-plus PACKAGE)



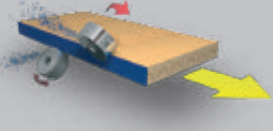
Buffing unit



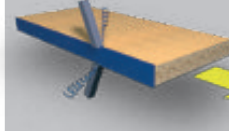
Pressure roller unit



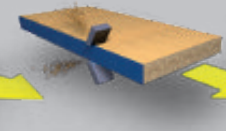
End cutting unit



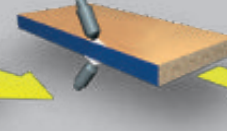
Flush and radius trimming unit



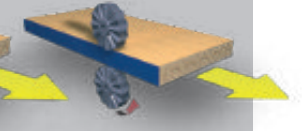
Radius scraping unit



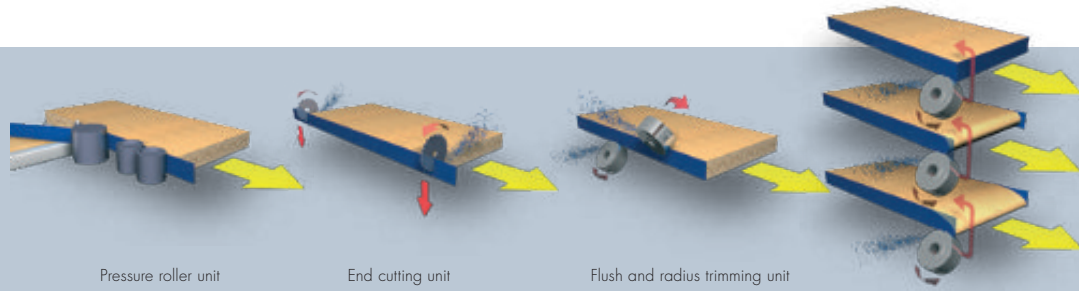
Flush scraping unit



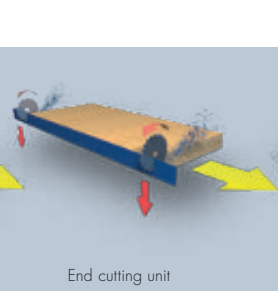
Spraying equipment for cleaning and polishing agents
(Option x-motion-plus PACKAGE)



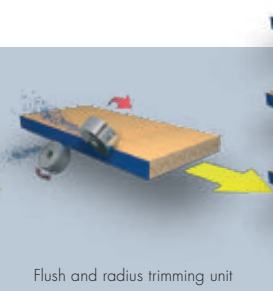
Buffing unit



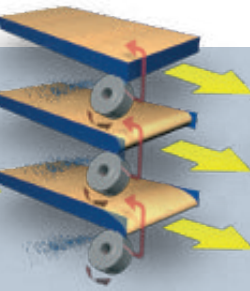
Pressure roller unit



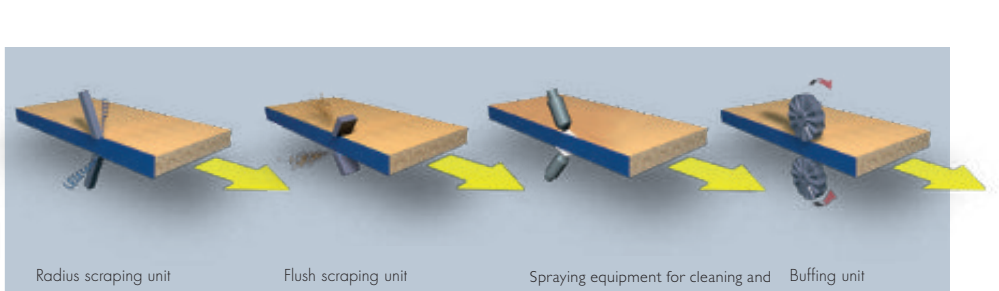
End cutting unit



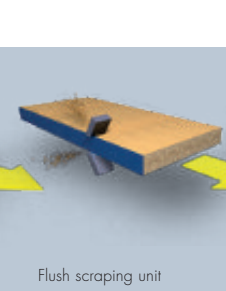
Flush and radius trimming unit



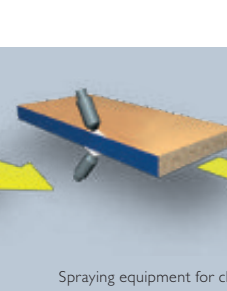
Corner rounding unit



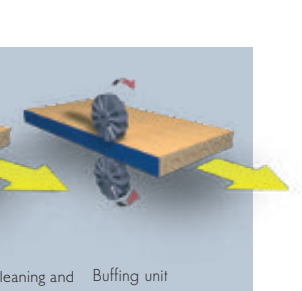
Radius scraping unit



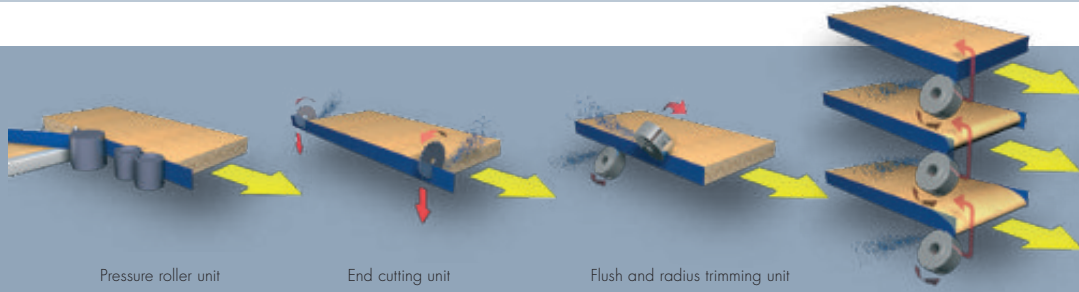
Flush scraping unit



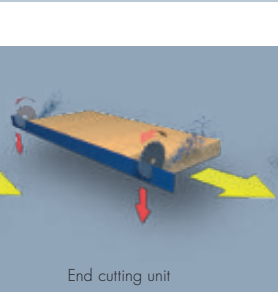
Spraying equipment for cleaning and polishing agents
(Option x-motion-plus PACKAGE)



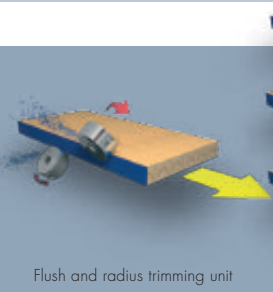
Buffing unit



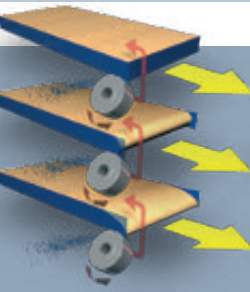
Pressure roller unit



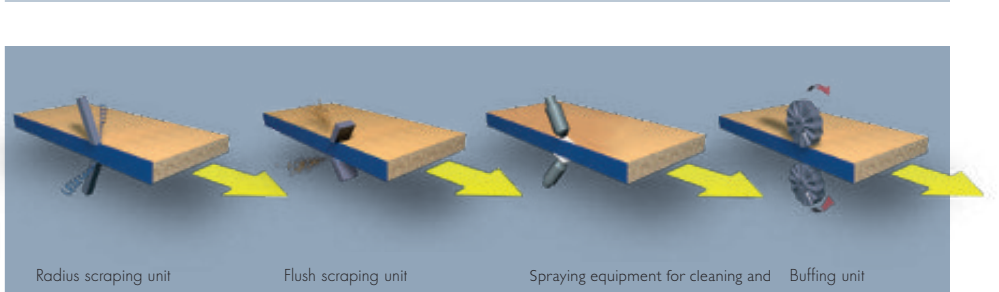
End cutting unit



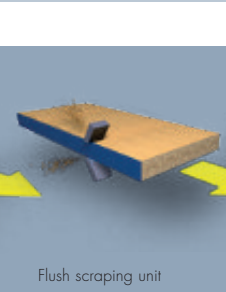
Flush and radius trimming unit



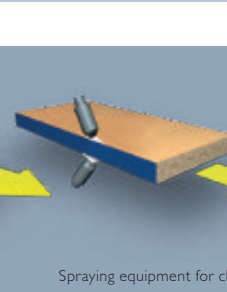
Corner rounding unit



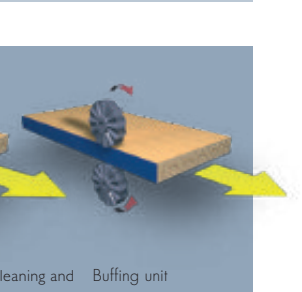
Radius scraping unit



Flush scraping unit

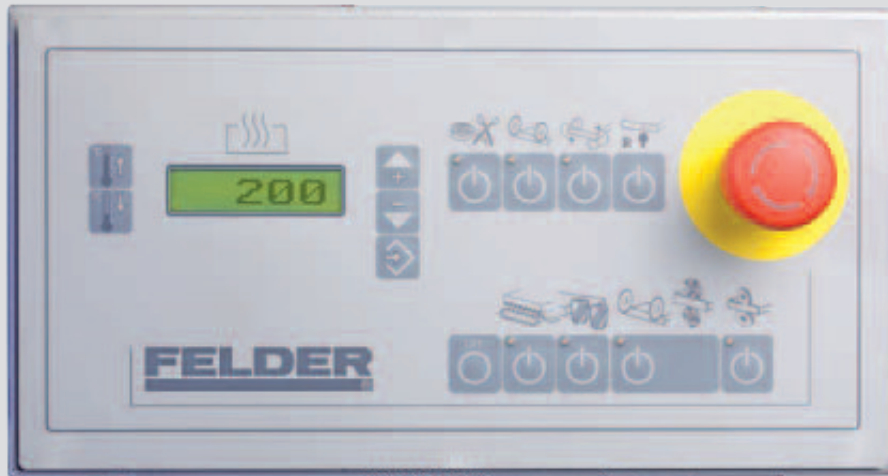


Spraying equipment for cleaning and polishing agents
(Option x-motion-plus PACKAGE)



Buffing unit

Control system



G 500/560/570/580: Operating panel with LCD display and keypad

Functions:

- Glue temperature settings
- Automatic glue temperature decrease
- Units can be selected and disengaged
- Odometer for total meters of material used
- Display of the maintenance intervals
- Plain text error messages



Units

G 500/560/570/580

Tape feed for coiled and strip material

Automatic feeding of coiled material from 0.4 to 3 mm in thickness; single feed of strip material also possible.

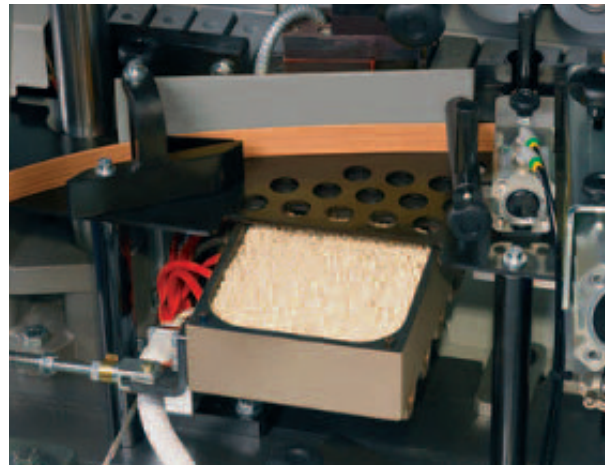


Option: 8 mm package including strip magazine with a 140 mm capacity for automatic feeding of fixed-length materials. In conjunction with the increased contact zone, where the first roller is active, it enables edgebanding using strip materials up to 8 mm in thickness.



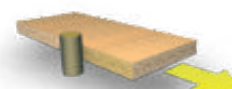
Glue roller and glue pot Short warming up time

The Teflon-coated glue pot holds up to 2 kg of EVA hot melt glue granulate (Ethylene-Vinyl Acetate copolymer). The machine is ready to use after only a short heating time. The adjustable glue roller ensures that the hot melt adhesive is dispensed correctly and gives a perfect "finish" to every kind of edging material. PUR (Polyurethane) hot melt glue granulate can also be used - please note manufacturer's guidelines.



Guillotine unit of material up to a height of 64 mm

Pre-cutting of ABS and PVC edge material up to a thickness of 3 mm.

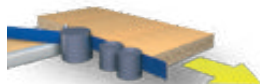


Units

Pressure rollers Perfectly glued edging



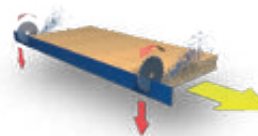
High-pressure contact zone with 3 mechanically preloaded pressure rollers. A large pressure roller presses the edging material onto the workpiece and the two conical main pressure rollers perfectly seal the glue joint from above and below. Setting the edge thickness is quick and easy: you simply insert a piece of edging. In connection with the "8 mm Package" option, the unit is supplied with a motor-driven first contact zone.



End cutting unit with a 45° cut

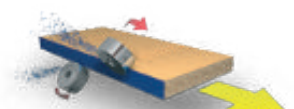
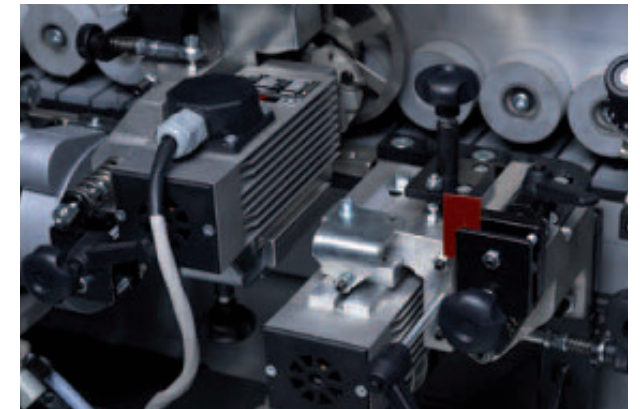


The highly precise linear guides ensure that the twin saw blade cutting unit executes perfect cuts. The end cutting saw blades traverse at 45°, ensuring that the cut is tear free. It is possible to set a 20° bevel cut to trim thin edges.



Flush and radius trimming unit For perfect results

It is quick and easy to switch between flush trimming, radius trimming and bevelled cuts for thin edges. The newly developed setup system ensures balanced edge tolerances and prevents setup mistakes. Two independent high-frequency motors with special spindles ensure perfect milling results with any edging material. The machine is equipped with tools 2 mm in radius as a standard. The machine can be equipped with tools 3 mm in radius upon request.



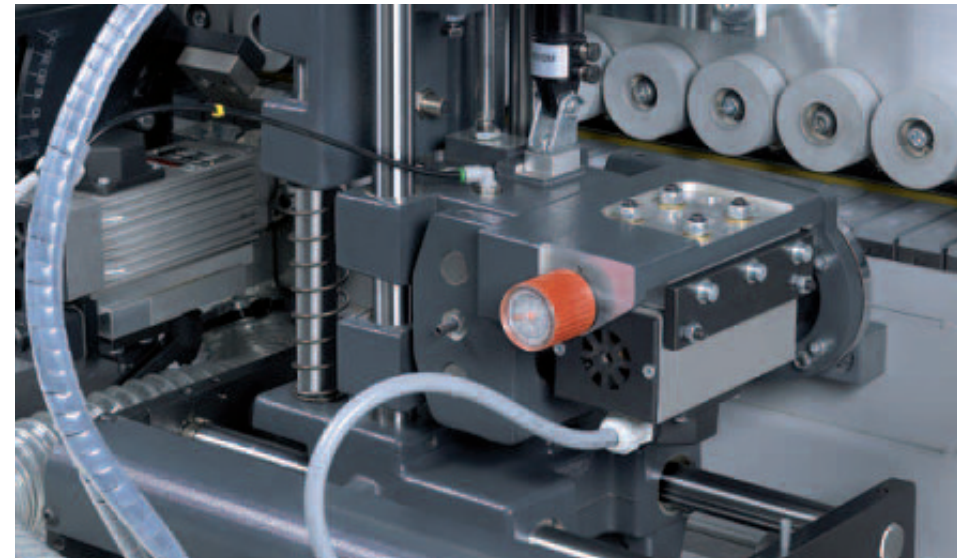
Premilling unit (G 560/580) Ensures a perfect "finish"



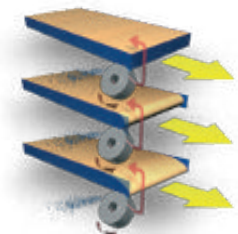
The two diamond tipped spindle heads rotate in opposing directions, ensuring a perfectly straight workpiece edge, to which before the edge material can be glued. The premilling unit guarantees that chipped or torn edges are a thing of the past, each and every time.



Corner rounding unit (G 570/580) An indispensable level of productivity

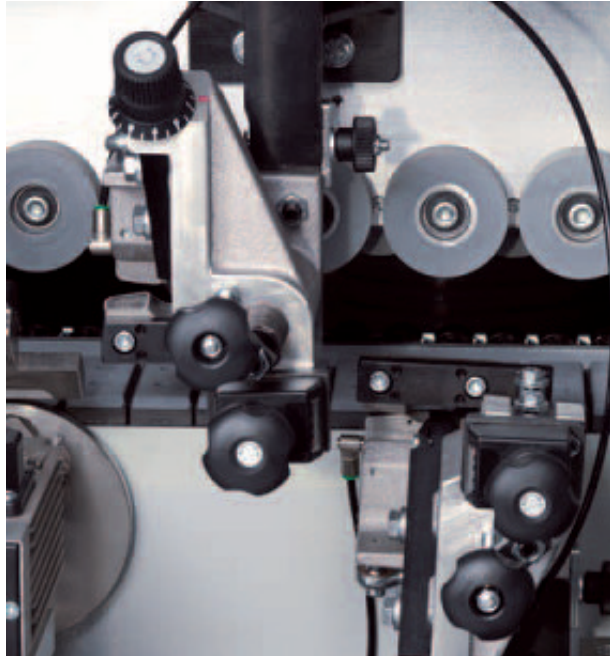


No need for troublesome post-processing of the workpiece! The Felder corner rounding unit finishes off workpiece corners (for both softforming and postforming materials) for edging from 0.4 mm to 3.0 mm and a processing height of 45 mm. The solid cast iron construction, vertical movement and DIA spindle moulder with start-up coupling ensures long-lasting precision. The corner rounding unit is managed from the control panel.

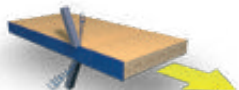


Options for the perfect "finish"

Radius scraping unit
Perfect edging



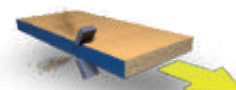
The top surface of the edge radius is removed by the light scraping of the radius blade.



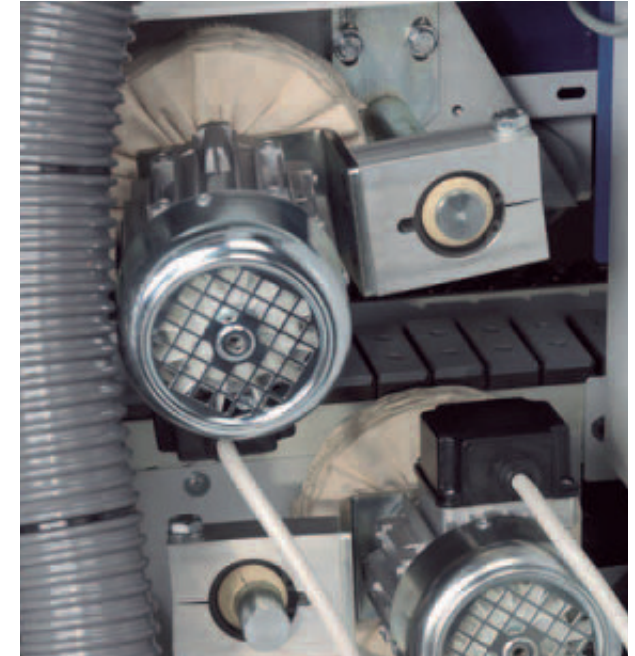
Flush scraping unit
Perfect workpiece



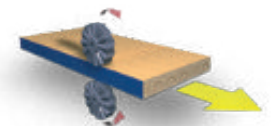
The manually adjustable glue scraper ensures a perfect "finish" on the workpiece by removing any remaining glue residue.



Buffing unit
Perfect "finish"



Super "finish" for ABS and PVC edging material.



x-motion-plus PACKAGE

G 500/560/570/580



x-motion-plus PACKAGE Touch screen control panel

Functions:

- Storage space for user-defined work programmes
- Pneumatic engaging and disengaging of the units
- Pneumatic adjustment of radius trimming, flush trimming and bevelled cuts for thin edges
- Glue temperature adjustment
- Automatic glue temperature decrease
- Odometer for total meters of material used
- Display of the maintenance intervals
- Clear error messages
- and many more.

Automatic adjustment for flush, radius and bevel trimming via the convenient touchscreen = x-motion-plus!



Flush trimming



Radius trimming



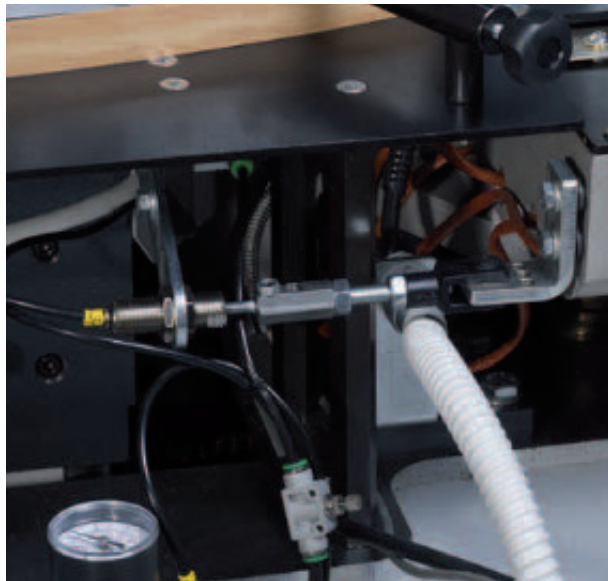
Bevel trimming



x-motion-plus PACKAGE

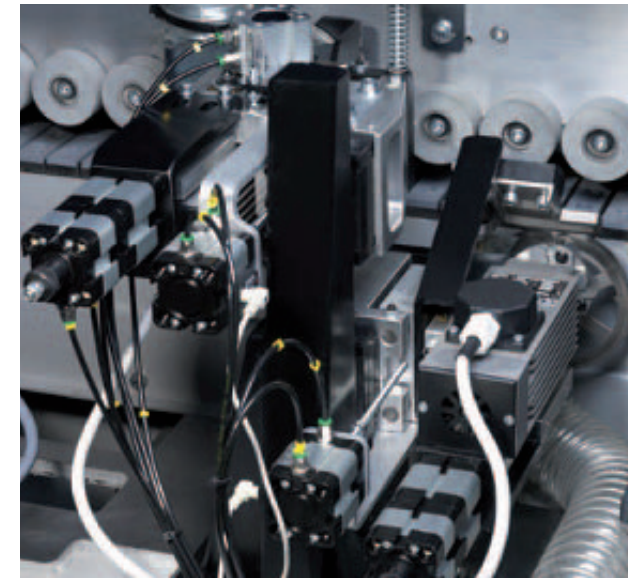
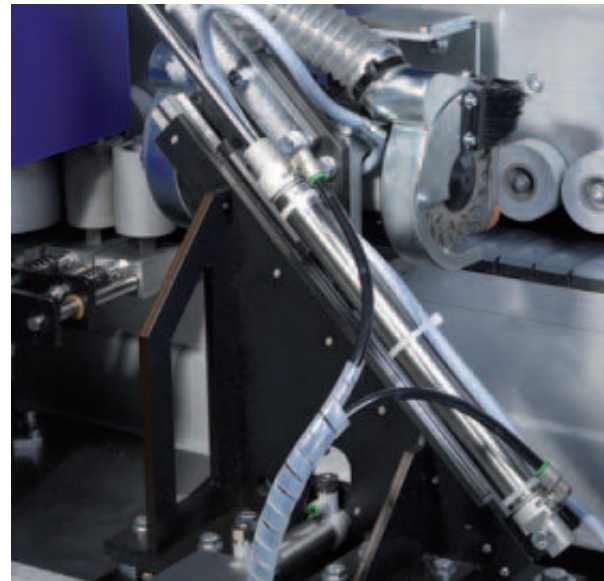
Pneumatic end position damping of glue pot

The pneumatically preloaded glue pot which is deployed only when required prevents glue residue from sticking to the front edge; thus, there is no longer any need to clean the front edge. In addition, the glue pot can easily be engaged and disengaged using the control panel.



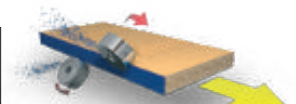
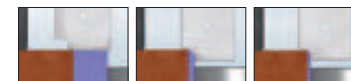
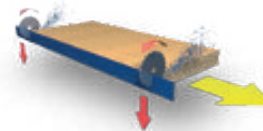
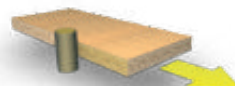
End cutting unit x-motion-plus

Pneumatic adjustment from flush trimming to 20° cutter capping using the control panel.



Multifunction spindle moulder unit for perfect results

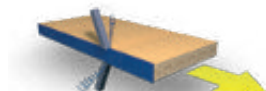
Automatic adjustment of the flush trimming unit to set points using the control panel enables radius trimming, flush trimming and bevelled cuts for thin edges. Independent controls for the upper and lower flush trimming unit.



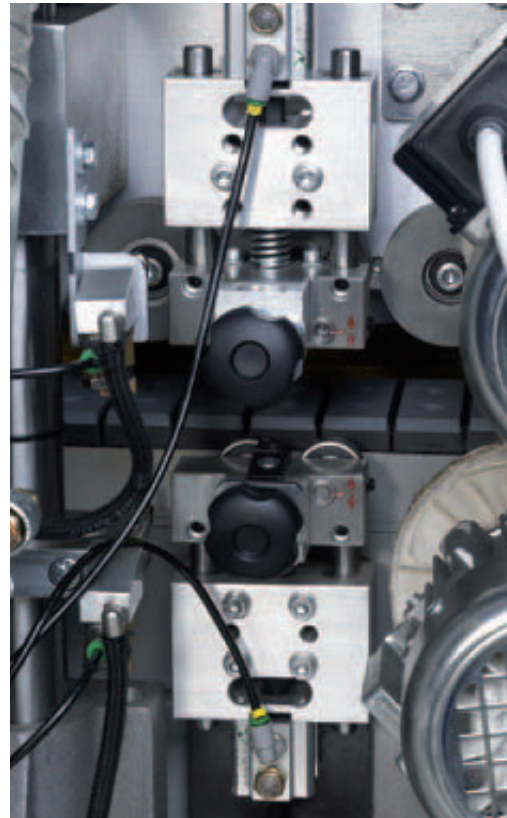
Radius scraping unit Perfect edging



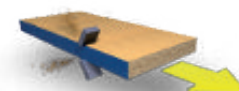
The top surface of the edge radius is removed by the light scraping of the radius blade. Pneumatic selection from the control panel, including a chip collection box for offcuts from the glue scraping unit.



Glue scraping unit Perfect workpiece



Glue scraping unit with pneumatic on/off function for the workpiece. Engaged and disengaged using the control panel.



Spraying equipment and spray for out- standing quality in industrial production



Reduced consumption due to spray nozzles deployed only when required. You have the option of applying separation solution especially for PUR glue and/or cleaning/buffing solution to get a clean workpiece and achieve a perfect end result.



Technical data, Equipment options to suit your personal needs:

		G 500	G 560	G 570	G 580	G 500 x-motion plus	G 560 x-motion plus	G 570 x-motion plus	G 580 x-motion plus
POS	Electrical setup								
001	3x 400 V	S	S	S	S	S	S	S	S
004	50 Hz	S	S	S	S	S	S	S	S
	Premilling Unit								
	Premilling unit centrally controlled – can be disengaged	-	S	-	S	-	S	-	S
	Adjustable cutting depth (mm)	-	0-2	-	0-2	-	2	-	2
	Tool diameter (mm)	-	60	-	60	-	60	-	60
	Max. processing height (mm)	-	60	-	60	-	60	-	60
	No. of asymmetrical diamond tipped V-cut milling units	-	2+2	-	2+2	-	2+2	-	2+2
	Rpm	-	12.000	-	12.000	-	12.000	-	12.000
	Power (kW) of each motor	-	1,1	-	1,1	-	1,1	-	1,1
	Working dimensions								
	Edge thickness min.–max. (mm)	0.4–5.0 (8)	0.4–5.0 (8)	0.4–5.0 (8)	0.4–5.0 (8)	0.4–5.0 (8)	0.4–5.0 (8)	0.4–5.0 (8)	0.4–5.0 (8)
	Work piece thickness min.–max. (mm)	8–60	8–60	8–60	8–60	8–60	8–60	8–60	8–60
	Min. workpiece width (mm)	70	70	70	70	70	70	70	70
	Min. workpiece length (mm)	140	140	140	140	140	140	140	140
	Units								
	Coiled edge band feed support plate Ø 800 mm, for PVC/ABS	S	S	S	S	S	S	S	S
	Edge feeding is automatic for roller materials with a thickness of 0.4–5 mm, strip glue in separate feed	-	-	-	-	S	S	S	S
	Edge feeding is automatic for edge materials with a thickness of 0.4–5 mm, strip glue in separate feed	S	S	S	S	-	-	-	-
	Guillotine shears for cutting coiled edge bands up to 3 mm in thickness in Hard-PVC/ABS	S	S	S	S	S	S	S	S
	Glue unit for glue granulate from the teflon coated glue pot	S	S	S	S	-	-	-	-
	Pasting unit “x-motion-plus”, with Teflon coating, 2 kg for thermoplastic glue granulate, including pneumatic end position damping	-	-	-	-	S	S	S	S
	Pressing unit is mechanically pre-stressed, 1 straight pressure roller and 2 conic additional pressure rollers, adjustment by means of an edge portion	S	S	S	S	S	S	S	S
	Cross-cut saw unit “x-motion-plus”, 12,000 rpm, 0.27 kW, HWV saw blades Z 24, Ø 100 mm, 45° working angle; cutter capping 0°/20° pneumatic	-	-	-	-	S	S	S	S
	Cross-cut saw unit, 12,000 rpm, 0.27 kW, HWV saw blades Z 24, Ø 100 mm, 45° working angle; cutter capping 0°/20° manual	S	S	S	S	-	-	-	-
	Flush milling unit “x-motion-plus”, 12,000 rpm, 0.50 kW, pneumatic adjustment of the radius, flush, chamfer milling for thin edges from the control panel	-	-	-	-	S	S	S	S
	Flush milling unit, 12,000 rpm, 0.50 kW, radius milling, flush milling, chamfer milling for thin edges, adjustment by means of edge section	S	S	S	S	-	-	-	-
	Corner processing unit for soft and post-forming workpieces for processing front edges (edge thickness min.–max. 0.4–3.0 mm, max. workpiece height 45 mm, min., workpiece length 270 mm)	-	-	S	S	-	-	S	S
	Tooling for 2 mm radius	S	S	S	S	S	S	S	S
40	Tooling for 3 mm radius	O	O	O	O	O	O	O	O
10	Radius scraping unit for R= 2 mm, mechanically controlled	O	O	O	O	-	-	-	-

	G 500	G 560	G 570	G 580	G 500 x-motion plus	G 560 x-motion plus	G 570 x-motion plus	G 580 x-motion plus
15 Chipping collection box for scraper cuttings	○	○	○	○	-	-	-	-
20 Glue scraping unit, mechanically controlled	○	○	○	○	-	-	-	-
11 Radial scraping unit "x-motion-plus", switched pneumatically from the control panel for R= 2 mm; including chipping collection box for scraper cuttings	-	-	-	-	○	○	○	○
21 Surface scraper "x-motion-plus", switched pneumatically from the control panel; including insertion and stop functions on the workpiece	-	-	-	-	○	○	○	○
30 Buffing unit with 2x 900 W motors at 1400 rpm	○	○	○	○	○	○	○	○
32 Cleaning agent spraying unit for polishing unit (only with pos. 30)	-	-	-	-	○	○	○	○
42 Release agent spraying unit, machine infeed side	-	-	-	-	-	○	-	○
45 Infrared heat lamp for pre-heating board edges	-	○	-	○	-	○	-	○
50 Heated entry ruler	○	-	○	-	○	-	○	-
55 8 mm package, including strip hoppers with needle bearings for automatic feeding of solid timber edges, including a driven pressure roller. Edge dimensions (W / H) 5x 64 mm/5x 45 mm/8x 23 mm	○	○	○	○	○	○	○	○
Operation								
Control panel with 5.7" colour touch screen	-	-	-	-	S	S	S	S
Operating panel with LCD display and keypad	S	S	S	S	-	-	-	-
Through feed								
Workpiece chain feeder	S	S	S	S	S	S	S	S
11 m/min feed speed	S	S	S	S	S	S	S	S
Extensible workpiece support	S	S	S	S	S	S	S	S
General								
Extraction connector Ø in mm	120	120 + 2x 80	120	120 + 2x 80	120	120 + 2x 80	120	120 + 2x 80
Weight, kg (with standard equipment)	750	880	900	990	750	750	750	750
Length in mm	3200	3600	4550	4550	3200	3200	3200	3200



	G 500 x-motion-plus	G 560 x-motion-plus	G 570 x-motion-plus	G 580 x-motion-plus
A mm	1550	1550	1550	1550
B mm	3200	3600	4550	4550
C mm (Shipping width)	770	770	770	770
C mm	1100	1100	1100	1100

S ... Standard equipment, W ... Optional equipment at no extra cost, - ... Not available, ○ ... Option

The perfect machine combination!

ForKa 300 S Contour Edgebander and FK 300 Edge router

The ForKa 300 S is used for pneumatic cutting of rounded edges; there is also the option of using the machine for straight workpieces. Thanks to the large, solid working table, edgebanding of large and heavy workpieces could not be easier. The ForKa 300 S is clearly the most versatile entry-level machine in its class.

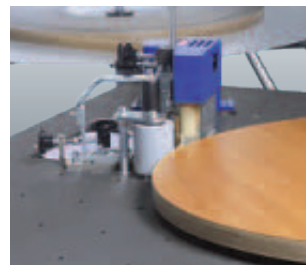
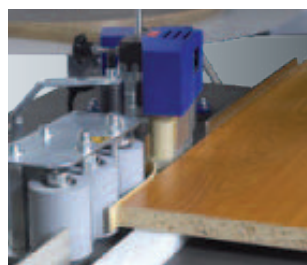
The FK 300 edge trimming machine is the perfect complement to the ForKa series. Variable use workpiece guides mean that the machine can be used with almost any workpiece shape. The edge processing is performed by 2 high frequency motors, with a variable speed which can be adjusted continuously between 4,000 and 18,000 rpm. This guarantees perfect cutting results without any post-processing, even with very difficult, sensitive edge materials.





	FK 300	ForKa 300 S
POS Technical data of the edge router		
Workpiece thickness in mm (radius trimming)	16–55	-
Workpiece thickness in mm (bevel trimming)	12–55	-
Min. workpiece width in mm	ca. 30	-
Edging thickness in mm	0.4–3.0	-
Min. inner radius in mm	ca. 50	-
Infinitely variable speed (rpm)	4000–18,000	-
Electrical connection	1x 230 V, 50/60 Hz	-
Total power requirement	1.0 kW	-
General		
Dimensions mm (L x W x H) without edge feeding plate	-	1000 x 700 x 875
Dimensions mm (L x W x H)	1000 x 700 x 900	-
Weight in kg	250	260
Important Accessories		
Pressure clamp (16.0.072)	-	○
Hot air blower (16.0.073)	-	○
Rolling carriage (410-160)	○	○
End cutting unit for the edge router FK 300 (16.0.076)	○	-
Technical data Edgebander		
Workpiece thickness in mm	-	8–50
Min. workpiece width in mm	-	30
Min. workpiece length in mm	-	200
Edging thickness in mm	-	0.4–3.0
Min. inner radius in mm (depends on the edge thickness)	-	25
Feed in m/min	-	0–10
Electrical connection	-	1x 230 V, 50/60 Hz
Total power requirement	-	3.0 kW
Power requirement of the gluepot	-	2.7 kW
Pneumatic connection	-	6 bar

- ... Not available, ○ ... Option

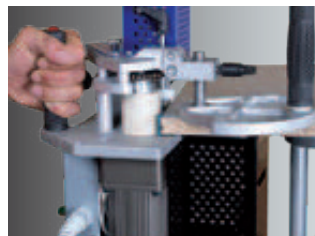


ForKa ECO manual edgebander

- Mobile manual edgebander with glue pot for stationary and mobile use during assembly work
- The ForKa ECO manual edgebander can be used for convex and concave edges as well as straight edges
- Processes ABS-, PVC- and solid wood strip edging
- A minimum inner radius of 25 mm is possible, depending on the edgebanding material
- Scale for edge thickness
- Short warm-up time with quick heating glue pot
- Flexibility as a result of use of glue granulate
- Adjustable glue application



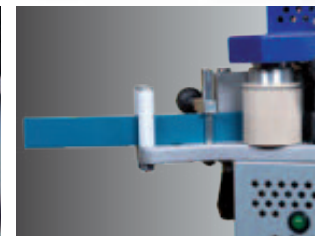
Ideal for straight edgebanding jobs as well as curved pieces with concave or convex edges. Tight inner and outer radii can be glued.



Maximum flexibility when choosing edging material through fine adjustment of the amount of glue applied.



The glue can be used for longer thanks to digital temperature regulation to the 130°–200° C range.



Processes edging material 0.5 mm to 3 mm thick and 10 mm to 45 mm high.



Edge feeding can be activated and deactivated at the touch of a button.

POS	Technical data Edgebander	ForKa ECO
	Edging thickness in mm	0,4–3,0
	Edge height in mm	10–45
	Inner radius in mm	ca. 25
	Glue pot	150 cm ³
	Warm-up time (minutes)	6–12
	Temperature	130°–200° C
	Feed in m/min	3.8
	Connection	230 V/50 Hz



Accessories ForKa ECO



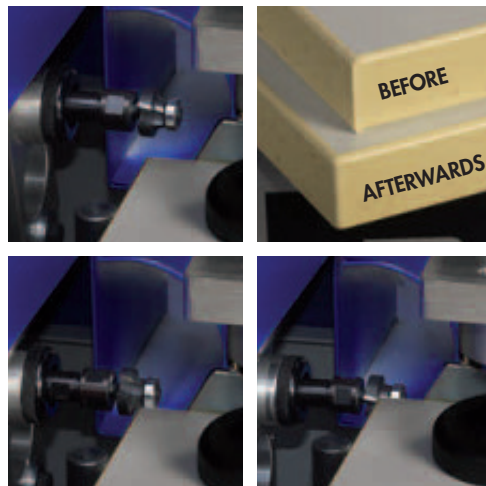
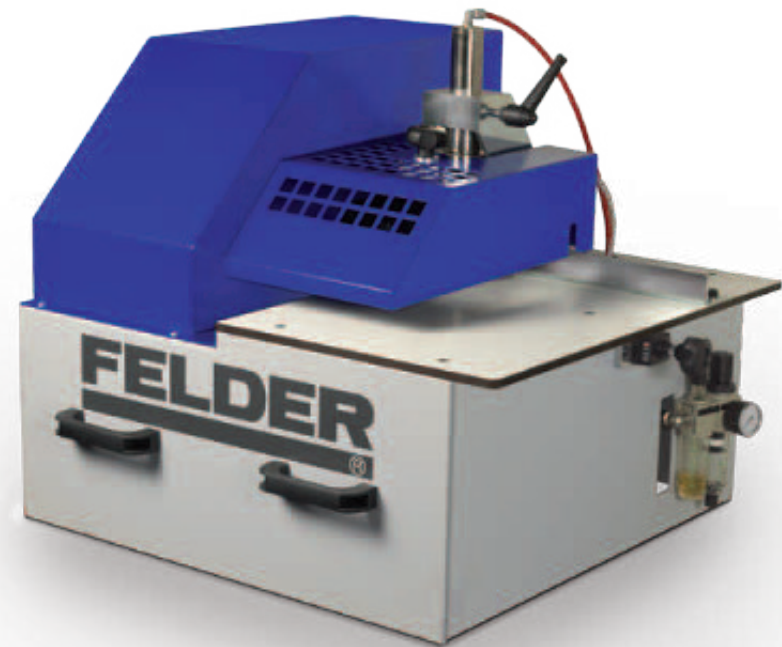
Order no.

- | | | |
|----------|------------|-----------------------------------------------------------------------------------------------------|
| 1 | 16.0.090 | Edge finishing set
consists of: 1 Flush trimming + 1 inner radius knife and 1 outer radius knife |
| 2 | 16.0.091 | Guillotine unit for end to end glueing |
| 3 | 16.0.092 | Guillotine unit for end trimming |
| 4 | 400-095 | Vacuum Column, Price/piece |
| | 16.0.093 | Replacement radius planer R= 2 mm, 1 pc |
| | 16.0.094 | Replacement flush planer, 1 pc |
| | 16.0.096 | Replacement knives for 16.0.092, 1 pc |
| 5 | 400-12-005 | Vacuum Clamping System |

This little helper should be in every small workshop!

FELDER Corner Rounding Machine ERM 1050,
As easy as 1-2-3, finished rounded edges in less than 3 seconds

You can now round ABS and PVC corner edges in less than 3 seconds. Simply place the workpiece into the unit, start the machine and the corner is rounded. It really is that simple and precise. The new Felder corner rounding unit offers professional processing of all types of workpiece edges including edges of post or soft forming materials.



Details that impress!

- Rounded corners in only 3 seconds
- Quick, exact setup to the required panel thickness (up to 50 mm)
- Only compressed air is required, all of the movements are performed by pneumatic components
- The motor has a speed of 24,000 RPM for optimum finishing results
- Very little space requirement yet high in productivity
- Excellent price to performance ratio

		ERM 1050
POS	Electrical setup	
	Operating pressure (bar)	6.5
	Motor speed (RPM)	24,000
	Motor performance in kW	0.37
	Working dimensions	
	Edge thickness min.-max. (mm)	2 + 3
	Work piece thickness min.-max. (mm)	10-50
	Units	
	Router Bits* bevel: 2 mm + 3 mm (2 router bits are included)	2 + 3
	General	
	Dimensions mm (L x W)	780 x 720
	Dust port Ø in mm	100
	Weight, kg (with standard equipment)	100

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