FELDER®

G 303 SERIES

PERFORMANCE, FLEXIBILITY AND USER COMFORT ALL IN ONE!



EUS

FELDER®



G 303 Series

Performance, flexibility and user comfort all in one!

Panel material



Compact design, reliable, high-quality mechanical engineering – perfect machining results.

The new Felder edgebanders G 363, G 363R and G 383 with robust chain conveyors and application-controlled premilling unit in the standard version impress with their performance, flexibility and ease of use at the best price-performance ratio.

With the usual high level of Felder operating convenience, it takes just a few simple steps to adjust the machine to different materials or edge thicknesses between 0.4–5 mm. Start processing units, regulate glue temperature and receive feedback on the current machine status via the 7" touch screen.

Ensure valuable productivity by being able to fully machine workpieces up to a thickness of 50 mm without having to compromise on customised features. The new edgebander models G 363, G 363R or G 383 can be individually configured to meet your needs thanks to the Felder modular system – from the Teflon-coated interchangeable glue pot to spraying units for cleaning and release agents.

Variations

Models & Your Advantages



G 383

» Installation length: 3,600 mm
» Edge thickness 0.4–5 mm
» Workpiece height: 10–50 mm
» Automatic "Quick-Set system"
» 7" touchscreen control
» Corner rounding unit



G 363R

» Installation length: 3,100 mm
» Edge thickness 0.4–5 mm
» Workpiece height: 10–50 mm
» Automatic "Quick-Set system"
» 7" touchscreen control
» Radius cross-cut saw unit



G 363

» Installation length: 3,100 mm
» Edge thickness 0.4–5 mm
» Workpiece height: 10–50 mm
» Automatic "Quick-Set system"
» 7" touchscreen control

… Your decision for Felder, a risk-free decision

» The right machine for every budget
» Complete reliability in professional use
» Tailor made machine solutions
» High quality cast iron machine table and aggregates
» Innovative detail solutions derived from 70 years of experience – already included in the standard configuration
» First class manufacturing and finishing standards
» Intuitive application concepts
» Modern, distinct design
» Quality and precision from AUSTRIA
» Powerful and efficient
» Complete package: Comprehensive service support

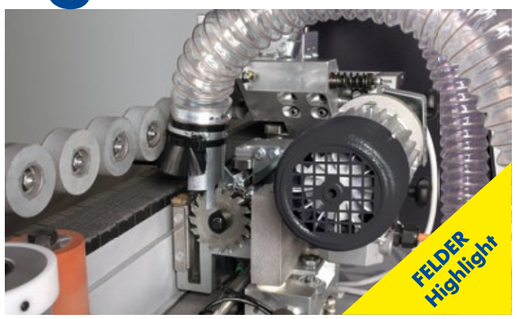
The most important highlights at a glance



Touchscreen control for maximum operating comfort

The individual machine aggregates can be switched on and off easily from the clearly laid out touch screen display.

» Glue temperature settings
» Operating and standby temperature
» The units can be switched on and off
» Odometer for amount of material used
» Display of the maintenance intervals
» Plain text error messages



End trimming unit with linear or radius trimming

The end trimming unit with high precision linear guides ensure perfect cuts. The saw blades rotate at 9,000 rpm and guarantee perfect cutting results of the highest quality. The motor is equipped with 2 conical saw blades, which prevent the lateral edge from scratching even when cutting fragile materials.

In the standard version of the G 363 R, the radius trimming unit ensures corner rounding of up to 2 mm. With thin edging materials, a slight radius ensures a perfect finish for edge corners.



Premilling unit incl. diamond cutter

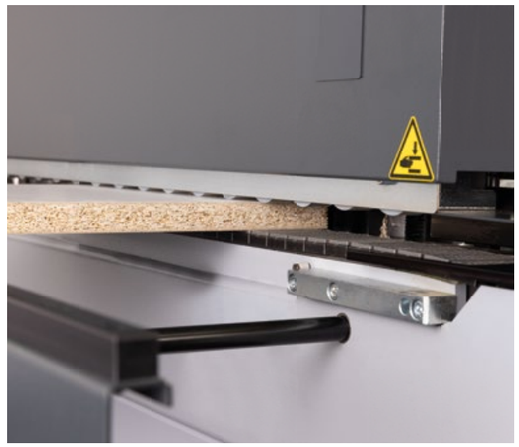
Two counter rotating, activation controlled premillers with diamond tipped spiral cutters ensure first class edges to which the material is to be applied. With the premilling unit you will achieve chip free edges when processing laminated material.



Up to 3 finishing units for the cleanest results

A perfect finish is ensured by the downstream units. The radius scraper unit removes minor cutting traces from the edgeband material and guarantees smooth edge radii. The optionally available surface scraper removes any glue residue from the work-piece before the buffing unit finishes the edge to a high gloss.

Details



Workpiece – chain feeder

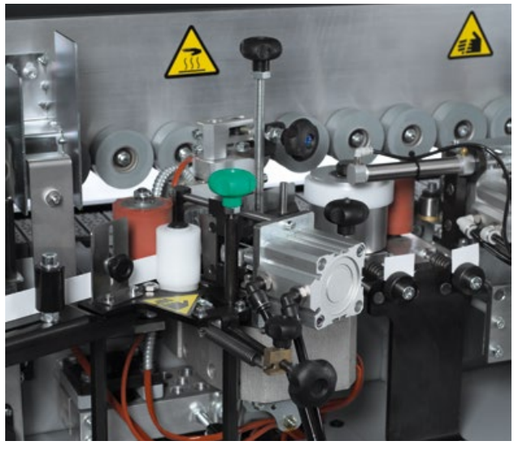
Constant workpiece feed with a chain unit and spiral shape feed rollers, leave no marks on the workpiece surface of high quality laminated materials. The click system guarantees quick and easy replacement any worn plastic pads.

The round and flat shaft guides ensure that the work-pieces are guided straight through the machine without tilting.



Central pressure bar adjustment

Adjustment to the respective panel thickness from 10–50 mm is done quickly and precisely using the handwheel and the readout display. The spindle adjustment guarantees optimum hold and maximum precision.



Edge feed

Coiled materials of 0.4–3mm in thickness and solid wood edge strips up to 5 mm thickness can be pro-cessed in single feed with 10 to 50 mm edge height. The synchronised, mechanical edge feed ensures an optimal feed of the material.

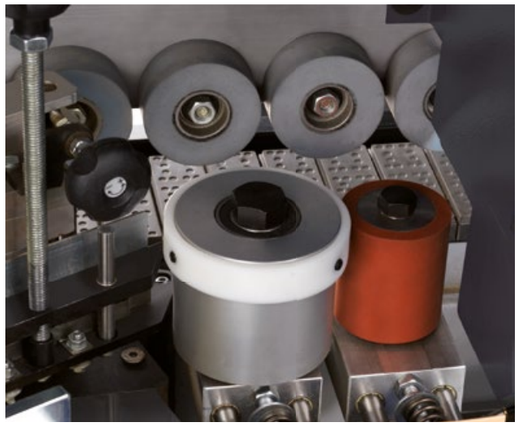


Guillotine
For the pretrimming of coiled material up to 3 mm in thickness.

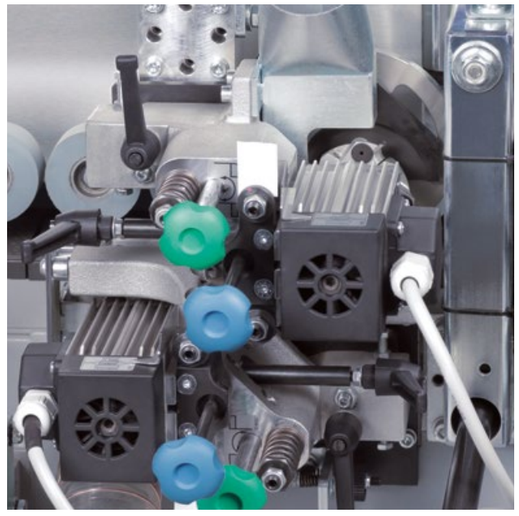


Teflon coated gluepot
The Teflon-coated gluepot has a capacity of 1.2 kg and lasts for approx. 250 linear metres on a 19 mm panel. The short heat-up time of just 12 minutes and the fine-adjustable application roller ensure correct dosing of the hot-melt adhesive and enable perfect adjustment to different edgebanding materials.

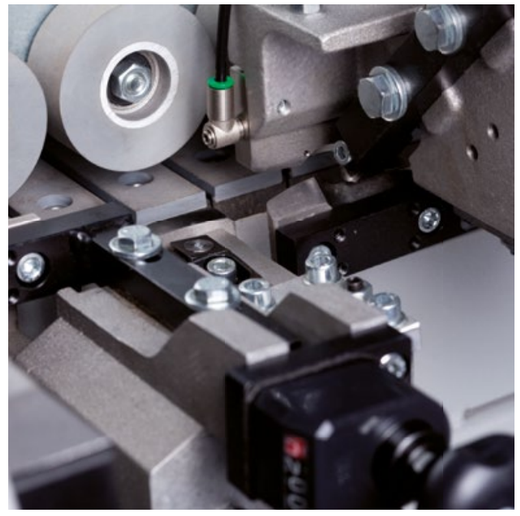
As an equipment option, an interchangeable gluepot can be installed, which can be changed quickly and easily. The quick and easy change to other adhesive colours and the use of PUR glue guarantee productive procedures and excellent edges for all areas of application.



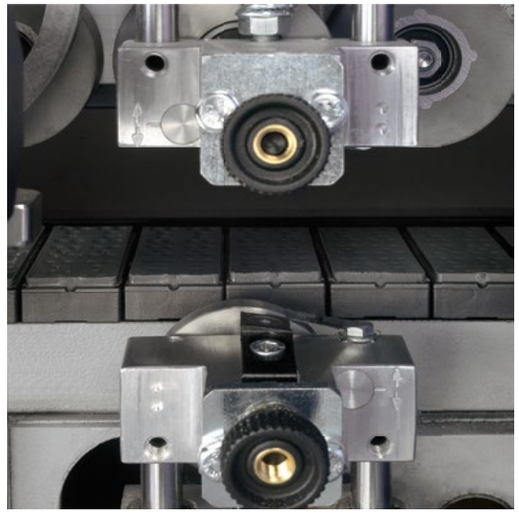
Pressure unit
The pressure unit consists of a large roller with a second post pressure roller. These 2 pressure rollers provide a better pressing of the edging material against the workpiece. The whole unit is mechanically spring loaded and can be adjusted quickly and easily using the Felder "Quick-Set" System. This ensures a perfect join between the edge material and the workpiece.



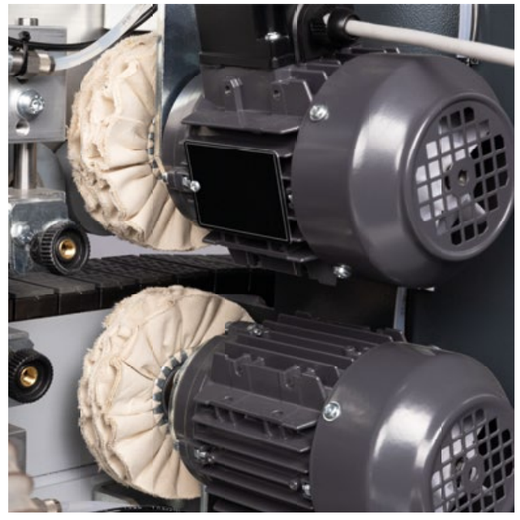
Multifunction trimming unit
The biggest advantage of the combination unit is the considerably short machine length. Adjustment of the settings from flush to bevelled finish for thin edges and also radius trimming is quick and easy. 2 mm radius tooling is included as standard.



Radius glue scraper
Improves the edge finish by lightly culling the radius, removing any glue residue and chatter marks.



Glue scraper
Removes any remaining glue residue from the workpiece for a perfect finish without the need for reworking.

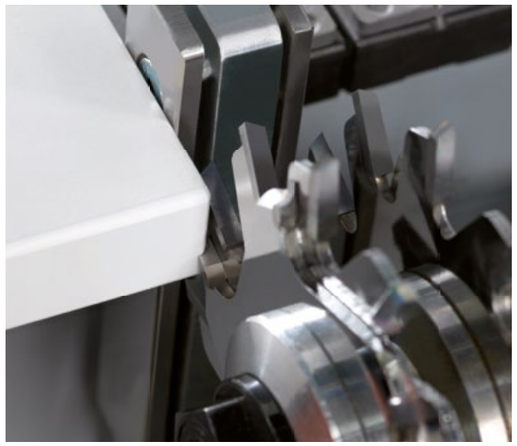


Buffing unit
A "super-finish" for ABS and PVC edgeband materials, removing any colour differences, especially in the case of dark edgeband materials.

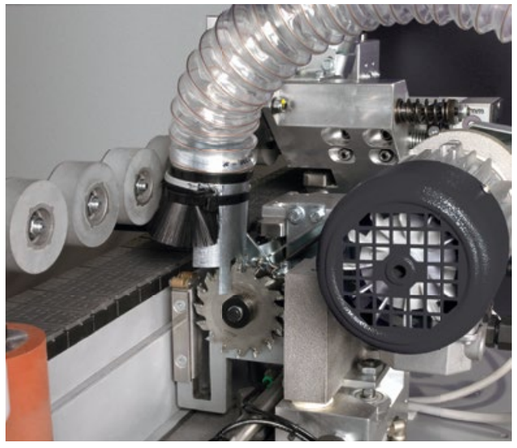
G 363 / G 363 R



Space saver
The Felder G 363 / G 363 R are real space-savers that offer professional edgebanding on the smallest of footprints.

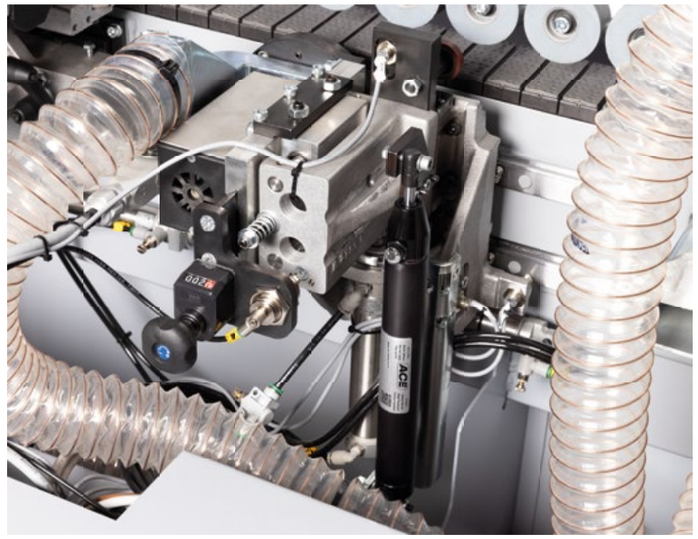


End trimming unit with radius milling (G 363 R)
The end trimming unit with high-precision linear guides ensures perfect cuts and radius milling. Even better cutting results thanks to 12,000 rpm and even more flexibility with the radius saw blades, with which even thin materials can be finished and provided with a slight radius at the front edge.



End trimming unit with linear milling (G 363)
End trimming unit with high precision linear guide ensures perfect cuts. The saw blades rotate at 9,000 rpm and guarantee perfect cutting results of the highest quality. The motor is equipped with 2 conical saw blades, which prevent the lateral edge from scratching even when cutting fragile materials.

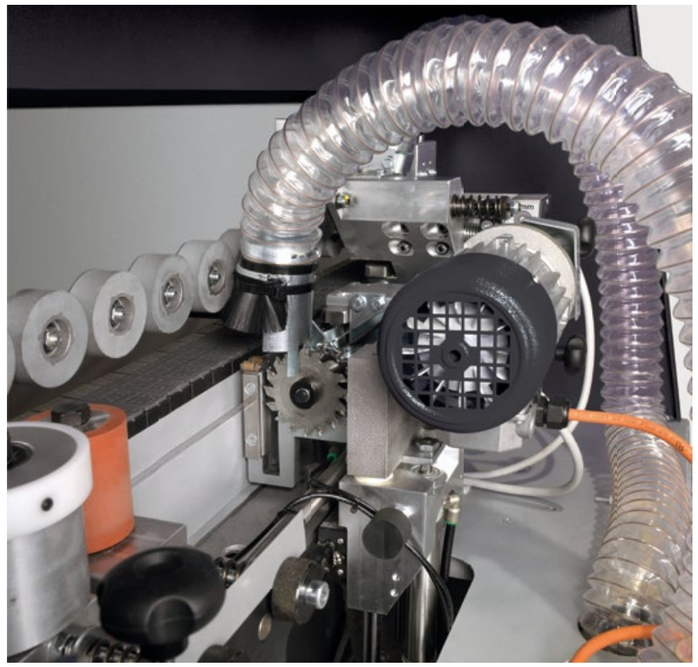
G 383



Corner rounding unit
No time consuming post processing of the workpiece! The corner rounding unit handles the "finish" of workpiece corners (including soft-forming or post-forming materials) for edge material from 0.4 to 3 mm and 50 mm processing height at a feed rate of 7 m/min. The solid construction as well as linear guides and TC moulders ensure long-lasting precision. The corner rounding unit is controlled using the touch screen.

End trimming unit with linear or radius trimming
The end trimming unit with high precision linear guides ensure perfect cuts. The saw blades rotate at 9,000 rpm and guarantee perfect cutting results of the highest quality. The motor is equipped with 2 conical saw blades, which prevent the lateral edge from scratching even when cutting fragile materials.

The radius trimming unit of the G 363 R can also be fitted as an optional extra. It impresses with 12,000 rpm and even more flexibility thanks to its radius saw blades, allowing even thin materials to be finished and provided with a slight radius on the front edge



Product range



K 945 S/PCS® · K 945 S x-motion/PCS® · K 740 S/PCS® · K 740 S x-motion/PCS® · K 740 professional/PCS® · K 740/PCS®



K 700 S/PCS® · K 700 professional/PCS® · K 700/PCS® · K 540 S · K 500 S · K 500 professional · K 500

Sliding Table Panel Saws



F 900 M · F 900 Z · F 700 M · F 700 Z · F 500 MS · F 500 M

Spindle Moulders



AD 951 · AD 941 · AD 741 · AD 531 · A 951 L · A 941 · D 951 · D 963

Planers



FB 940 RS, FB 740 RS · FB 940 S/SW, FB 740 S/SW · FB 940/840, FB 740/640 · FB 710, FB 610, FB 510

Bandsaws



KV 925

Industrial Panel Saw



FW 1352 perform
FW 1352 classic
FW 1102 perform
FW 1102 classic
FW 950 classic
FW 850 classic

Wide Belt Sanding Machines



G 383 · G 363/R · G 330 · G 263 · G 220 · ForKa 300 S eco

Edgebanders



KF 700 S professional · KF 700 professional · KF 700 · KF 500 professional · KF 500

Saw/Spindle Moulders



CF 741 S professional · CF 741 professional · CF 741 · CF 531 professional · CF 531

Combination Machines



FD 29 professional · FD 21 professional · FD 250

Dowel Boring Machine,
Drilling Machine & Horizontal Mortiser

MVP 31.14 flex

Membrane Press



structura 60.02 · structura 40.02

Brushing Machines



FS 722 · FS 900 KF · FS 700 K

Belt- & Edge Sanders



RL 350 perform · RL 350 · RL 300 · RL 250 · RL 200 · RL 160 · RL 140 · RL 125



AF 35 · AF 30 · AF 25 · AF 22-D200 · AF 22 M/W/S · AF 16 · AF 14 · AF 12 · FBP 50/60/70

Extraction Units & Briquetting Presses

EUK

FELDER®

FELDER Quality and precision in a nutshell

Since 1956, a guarantee for perfect results with excellent ease of use and reliability in regular professional use. Woodworkers are always enthusiastic about the individual and solid solutions for small and mid-sized businesses.

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