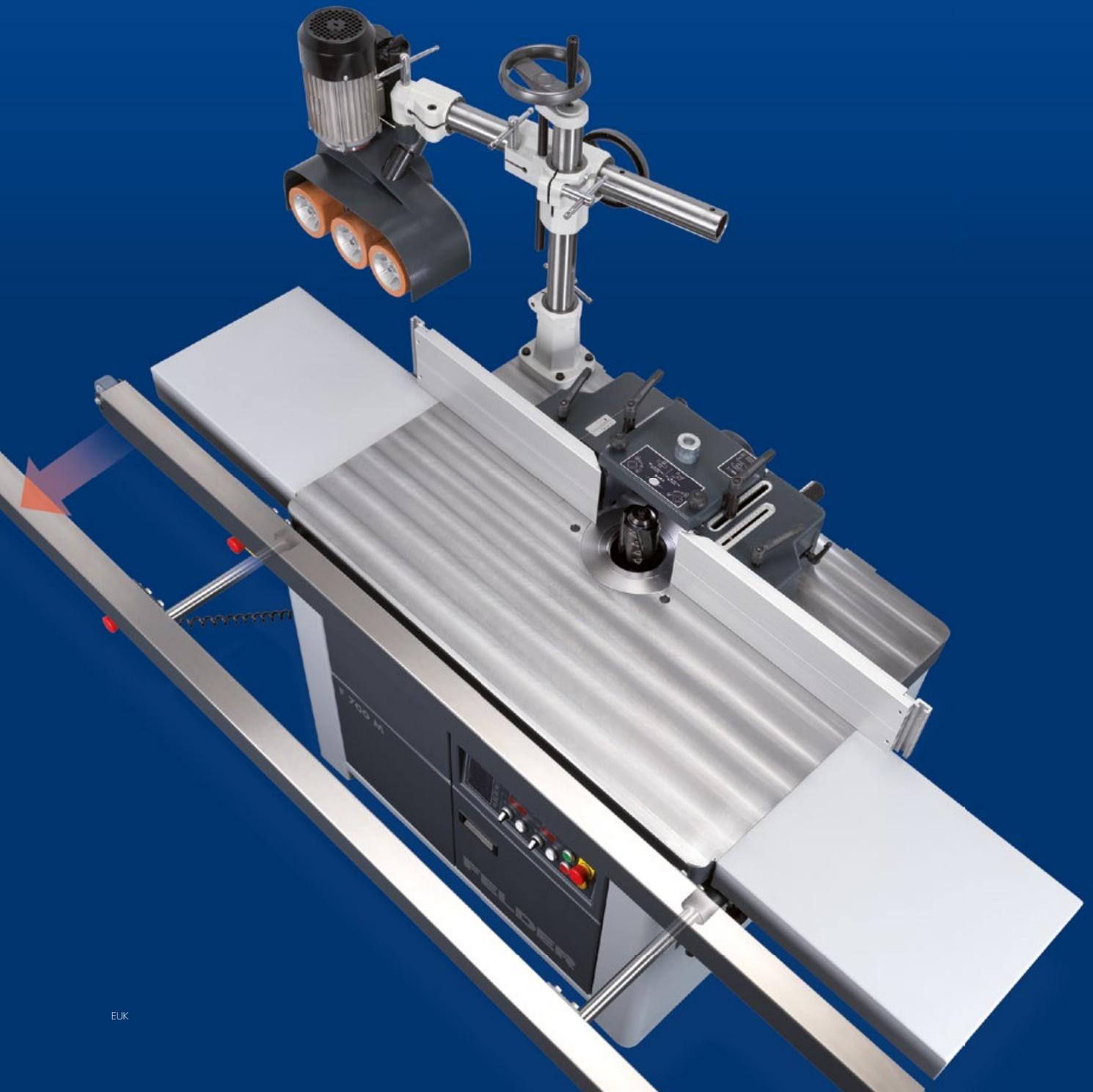


FELDER®

F 700 M

VIBRATION-FREE STABILITY
FOR PERFECT RESULTS



FELDER®



F 700 M

Vibration free stability for perfect results



Solid wood



Panel material



Plastic



F 700 M

- » Solid machine cast iron table to ensure vibration-free stability
- » Maximum ease of use with "Power-Drive": electrical height and angle adjustment
- » Felder moulder spindle quick-change system: maximum productivity thanks to minimum set-up times
- » Maximum operating safety: spindle tilts from 90°–45° rearwards
- » "Easy-Glide" maintenance free tilt segment with a 6 year guarantee
- » 230 mm table opening – big advantage when panel raising
- » Reliable repeatability as well as accurate and precise quick adjustment: The Felder MULTI fine adjustment system
- » Dual extraction when moulding from both the moulder fence and below the table – a clean solution

With the new F 700 M tilting spindle moulder, Felder is not only offering an affordable solution for all woodworking shops, but also the ideal complement to CNC supported processing. With a solid cast iron table for vibration free stability, you will be ready for every challenge of modern woodworking.

... 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 65 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



Solid cast iron tables

With 1,200 mm, the solid cast iron moulding table offers a large-surface support area with maximum stability which can be extended to a total table length of 2,200 mm using the proven Felder cast iron extensions for oversized workpiece processing.



Moulder spindle tilt 90°–45°

The Felder rearward tilting Spindle is the correct way for easy and safe operation:

- » Working safely
- » Suitable for any workpiece size
- » Problem-free power feeder application
- » Impeccable workpiece finish
- » Optimal chip removal



Shaper quick-change system

Advantages of the Felder spindle quick change system:

- » Quick, easy change between different types of spindles
- » Ability to use 30, 32, 35, 40, 50 mm and 1 ¼", diameter spindles
- » Use of the Felder high speed router spindle for router bits or high speed tools at 15,000 rpm.
- » Automatic repeatable setting for shaper production work

Details



Power-Drive (moulder spindle)

The fully electrical "Power-Drive" control offers exact adjustment and repeat accuracy. The saw blade height and the angle settings can be adjusted at the turn of a knob, the fine setting adjustments are carried out to tenth of a millimetre accuracy using a push button. Red LED digits display the current position in real time on the control panel.



"Quick-Lock" - change moulding tools quickly and safely

Change moulding tools quickly and safely The "Quick-Lock" clamping system allows a convenient change of cutters on the table router and reduces the risk of injury from slipping. Suitable for Ø 30 mm spindles.



Table extension

Increase working surfaces on your machine with table extensions and auxiliary supports from Felder. These ensure that you can process heavy and large workpieces with ease, without the need of any assistance.



Table opening 230 mm

The large spindle table opening offers you maximum working safety: large dimensioned panel raising tools as well as slot and tenoning tooling can be used below the table surface.

Spindle fence "230"

The fence is suitable for tools with a diameter up to max. Ø 230. The fine adjustment of the outfeed fence can be set between -5 to +25 mm. The extraction of the dust is done via the integrated extraction connection.

The MULTI-fine adjustment system

In addition to the parallel guiding of the spindle fence the MULTI-adjustment system also enables

- » The quick adjustment to the tool diameter
- » Automatic repeat setting after removal of your fence
- » Parallel adjustments of the shaper fence
- » Quick and accurate adjustment
- » Measurement scale for depth of cut



"Easy-Glide" – 6-year guarantee!

- » Precise double trunnion system
- » High load-bearing capacity and operating life
- » Play-free tilt
- » Unaffected by dust
- » Completely maintenance free
- » No lubrication required
- » 6 Year Guarantee



Spindle moulder unit "700"

The Felder 700 Series spindle aggregate sets standards that are unparalleled.

- » 115 mm useable spindle height above the table (140/160 mm)
- » Shaper quick-change system
- » Change the speed simply from the front of the machine
- » Collet chuck spindle for router tools with a speed of 15,000 rpm
- » Electrical height adjustment with digital LED display
- » Electrical angle adjustment with digital LED display
- » 4 rotating speeds 3,500, 6,500, 8,000, 10,000 rpm
- » Rearward tilt 0° to 45°
- » Precise double trunnion system
- » Dovetail guidance system of the height adjustment
- » Excellent vibration absorption from heavy cast iron unit



Power feeder

The use of a power feeder ensures that standard work when moulding can be carried out cleanly and precisely



Swing away device

The "swing away" power feeder arm allows for maximum operating convenience.



Safety Bar Guides

The safety bar guides, great for "end-grain" work (optional).

Technical specifications

Electrics	F 700 M
001 3x 400 V motor voltage	S
002 3x 230 V motor voltage	W
003 1x 230 V, 4.0 HP (3.0 kW)	O
004 50 Hz motor frequency	S
005 60 Hz motor frequency	W
007 5.5 PS (4.0 kW)	S
008 7.5 HP (5.5 kW) (!002)	O
009 10.0 PS (7.35 kW)	O
10 Star-delta start is necessary from 7.5 HP and 3x230V	O
11 Switch for forward and reverse run	O
12 Switch contact for the control of an extractor	O
14 3-phase CEE coupling for additional equipment with time-delayed connection (essential for the use of a power feeder)	O
Spindle moulder unit and spindle fence	
100 30 mm diameter spindle, 140 mm useable spindle height above the table	O
101 40 mm Ø moulder spindle, 160 mm useable height above the table	O
102 50 mm Ø moulder spindle, 160 mm useable height above the table	O
103 30 mm Ø spindle, 115 mm useable spindle height above the table	S
104 50 mm Ø moulder spindle, 115 mm useable height above the table	O
105 1¼", Ø moulder spindle, 115 mm useable height above the table	O
106 35 mm Ø moulder spindle, 115 mm useable height above the table	O
107 32 mm Ø moulder spindle, 115 mm useable height above the table	O
108 Highspeed router spindle 15,000 rpm instead of a 30 mm Ø moulder spindle	O
109 Moulder spindle tilt 90°-45°, speeds 3,500/6,500/8,000/10,000 U/min	S
110 Scale for tilting moulder spindle on the handwheel (!119)	S
112 Spindle moulder fence 230 for max. tooling diameter 230 mm (400 mm fence plates)	S
113 MULTI-fine adjustment system for the spindle moulder fence "230" (#112)	S
116 Anodised ALUMINIUM fence plates	S
117 Anodised aluminium fence plates and safety bar guides (#112)	O
118 Electrical height adjustment with digital LED display ("Power-Drive" F1) (#110)	S
119 Electrical height and angle adjustment of the spindle with LED display (#201)	O
121 Spindle locking from outside	S
123 EURO spindle moulder guard	S
125 "Integral" safety bar guides 500 mm	O
180 1,270 mm extendable frame with emergency stop	O
181 2,200 mm pull out frame with emergency stop (#182)	O
182 Table extension on both sides 500 mm	O
- Table opening in mm	230

Feeder device	F 700 M
226 Professional power feeder package for series production work (#001)	O
General	
- Extraction connection-Ø in mm Spindle fence/below table level spindle aggregate	120/80
- Working height in mm	890
- Weight kg (with standard configuration)	450
- Min. transport width in mm	900
Important accessories	
212 Swingaway device for power feeder	O
215 Application routing device for fixed bed spindle moulders	O
223 IPPC palette	O
Transport	
221 Container transport preparation	O

Product range

Sliding Table Panel Saws

K 945 S K 740 S K 740 professional K 700 S K 700 professional K 700 K 540 S K 500 S K 500 professional K 500

Shapers

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

Saw-Shapers

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

Planers

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

Combination machines

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

Bandsaws

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

Dowel Boring Machine, Drilling Machine and Horizontal Mortiser

FD 29 professional FD 21 professional FD 250

Heated Veneer Presses

MVP 31.14 flex

Wide Belt Sanding Machines

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

Brushing Machine

structura 60.02 structura 40.02

Belt and Edge Sanders

FS 722 FS 900 KF FS 900 K FS 700 K

Edgebanders

G 560 / G 580 classic G 500 EX G 380 G 360 G 330

G 263 G 220 ForKa 300 S eco

Vertical panel saw

KV 925

Extraction Units & Briquetting Presses

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

FBP 50/60/70 AF 22-D200 AF 22 Mobil/Stand/Wandmontage AF 16 AF 14 AF 12

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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