

**FELDER®**

**FD 250**  
SLOT MORTISER  
WITH A KICK



**FD 250**

**FELDER®**



# FD 250

## Horizontal mortising machine with a difference



Solid wood



Panel material



Plastic



The FD 250 is a versatile machine with a small footprint and the ability to handle large workpieces.

- » Large table size, extendable in all three directions by up to 1,000 mm (39") without the requirement of tools
- » Drilling motor mounted on roller bearings, forward and reverse run (option)
- » Single handed lever operation, comfortable and smooth
- » Heavy duty eccentric clamp, that can be used on both the left and right hand side
- » Fence with locking points on the drilling table for -45°; -22.5°; 0°; +22.5°; +45° (option)
- » Dust extraction
- » Longitudinal stops (optional)
- » Dowel drilling device with index grid for drilling at a distance of 16, 22, 25 and 32 mm (optional)
- » Mortising chisel device (optional)

### FD 250

- » Area of application slot mortiser
- » Drilling depth: 160 mm
- » Mortising height adjustment: 130 mm
- » Drilling length: 250 mm
- » Single-hand lever operation
- » Table size 550 x 300 mm

### ... 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



### Square chiselling

Chisel mortising for square and right-angled slots is possible with the additional chisel mortising unit. When slot and tenoning, the slot does not have to be rounded off as the slot is chiselled square. This saves a lot of time-consuming handwork.



**Large table size, extendable in all three directions by up to 1,000 mm without the requirement of tools**



**Drilling motor on roller bearings with clockwise and counterclockwise rotation and convenient single-hand lever operation**

## Details



### Mitre fence

The mitre fence can be fitted within seconds using the single hand clamp on the machine table. The most commonly used angles,  $-45^\circ$ ;  $-22.5^\circ$ ;  $0^\circ$ ;  $22.5^\circ$  and  $45^\circ$  can be selected by using the index. All other angle settings can be carried out by using the scale.



### Reference Bars

4 reference bars with hole distances of 16, 22, 25 and 32 mm are included as standard in the dowel drilling equipment. Special sizes with different distances are also available on request. The automatic remote control on the handle of the one-hand lever operation ensures for a comfortable and simple operation.

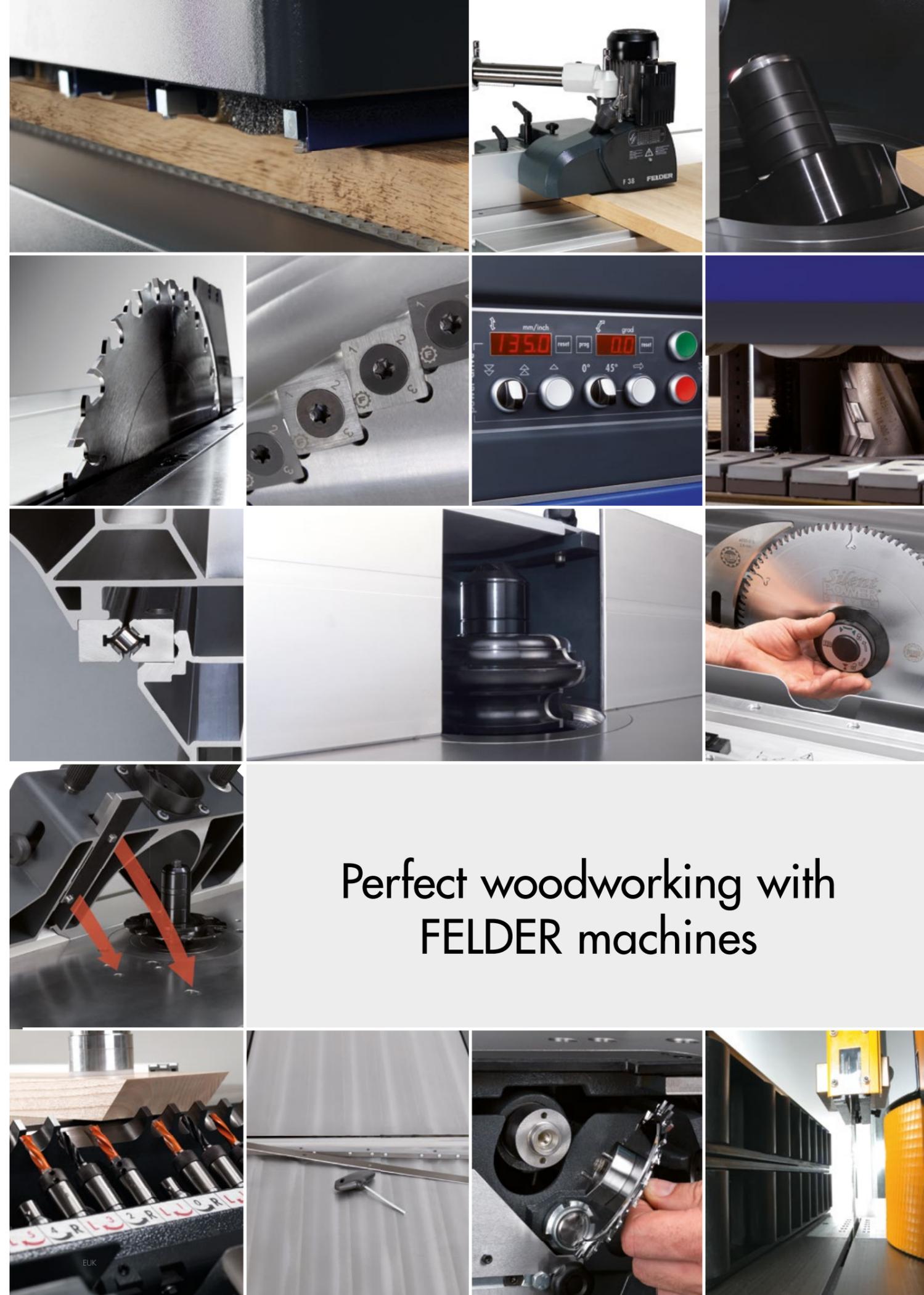


### Longitudinal stops

The double sided adjustable longitudinal stops are an important requirement for serial drilling or mortising work. The longitudinal stops can be moved to the position required (max. 2,500 mm), and locked in place using the large clamping levers.

## Technical specifications

Electrics		FD 250
001	3x 400 V motor voltage, 2.6 kW	S
002	3x 230 V motor voltage, 2.6 kW	S
003	1x 230 V motor voltage, 2.5 kW	O
40	2 step motor 3x 400 V; 1.2/1.5 kW, 50/60 Hz	O
41	Variable speed 1x 230 V, 1,500–4,500 rpm (only 1x 230 V)	O
50	Switch for forward and reverse run (keep in Pos 40)	O
Mortising unit		
60	Mortising device, mortising length 250 mm, mortising depth 160 mm, mortising height adjustment travel 130 mm	O
70	Dowel device with insertable pattern bar 16, 22, 25 and 32 mm	O
-	Mortising chuck, for forward and reverse run, clamping range 0–20 mm	S
-	Mortising height adjustment in mm	130
-	Mortising length in mm	250
-	Ball bearing seat for the drilling motor	S
-	Bohrtiefe in mm	160
-	Rotation speed (rpm)	3.000
-	Single-hand lever operation	S
General		
-	Weight kg (with standard configuration)	220
-	Table size in mm	550 X 300
-	Workpiece clamping with eccentric clamp	S
Important accessories		
100	Double guide fence 2,500 mm (400-825)	O
223	IPPC palette	O
80	Mitre fence (400-823)	O
90	Rolling carriage (400-824)	O
-	Indicator clock with 0.1 mm resolution digital readout, counting counterclockwise, 2 mm increments (01.1.202)	O
Transport		
221	Container transport preparation	O



Perfect woodworking with  
FELDER machines

**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

Spindle Moulders



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



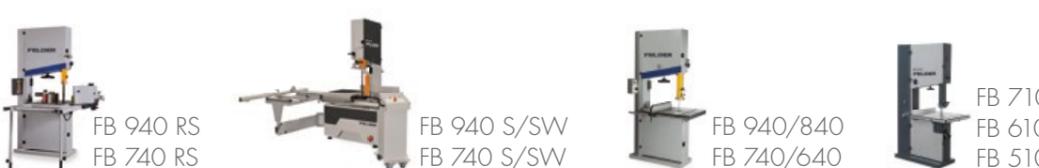
AD 951    AD 941    AD 741    AD 531    A 951 L    A 941    D 951    D 963

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.

### FELDER GROUP

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