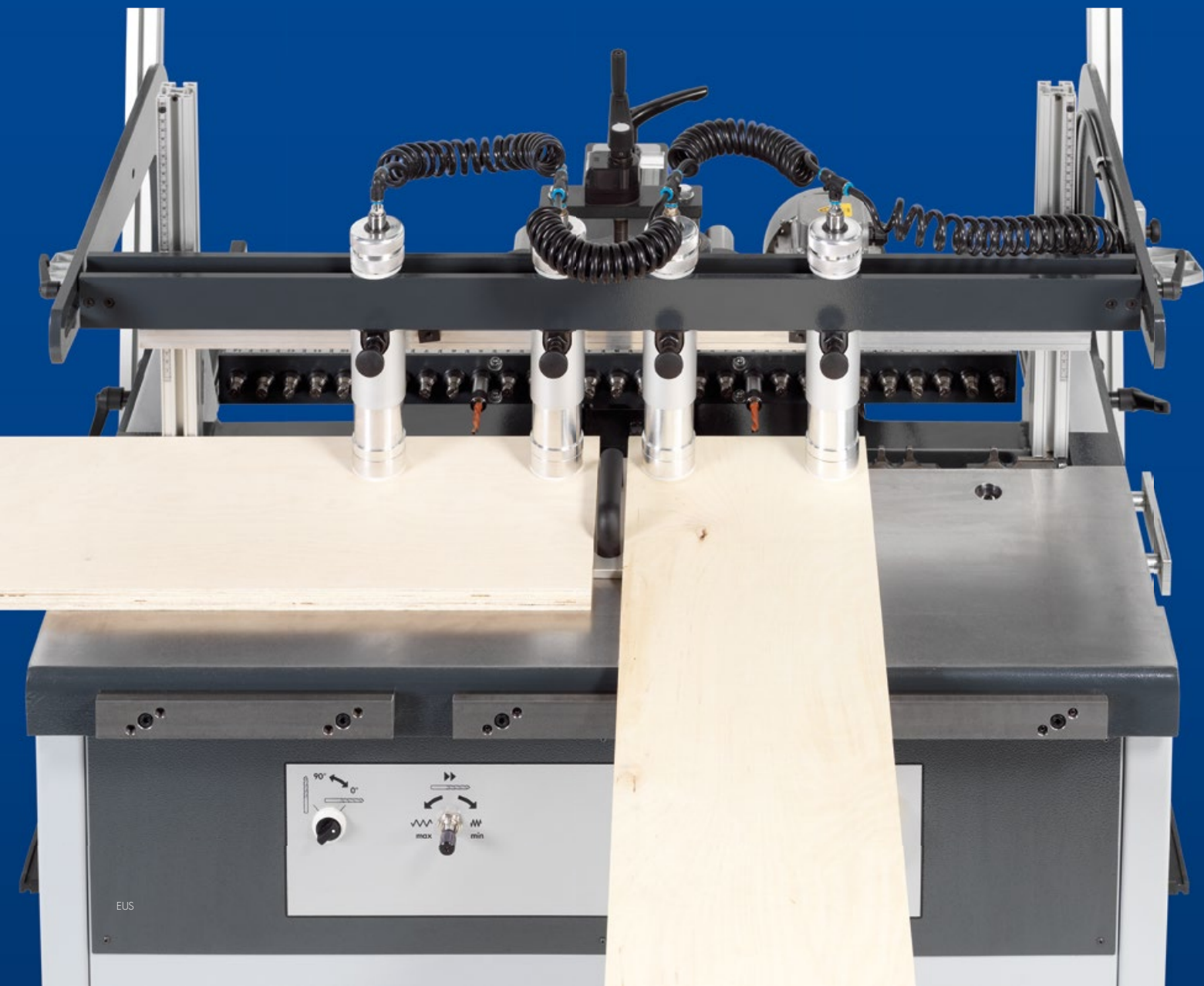


**FELDER®**

# **FD 29 professional**

MULTI BORING HAS NEVER  
BEEN SO ACCURATE



**FELDER®**



# FD 29 professional

## The multi boring machine for precise and accurate operation!



Panel material



Maximum precision when dowel boring with the Felder FD 29 professional. With 29 high quality drilling spindles at a distance of  $1\frac{17}{64}$ " , for drill bits with a diameter of maximum  $1\frac{3}{8}$ " , exact dowel and line boring holes are guaranteed. The welded chassis in combination with the solid cast iron table, rigid side and longitudinal stops, as well as pneumatic workpiece holders and ergonomically designed operating elements ensure that the FD 29 professional, is a dowel boring machine of the top class.



### FD 29 professional

- » Area of application: dowel boring, line boring
- » Drilling depth:  $2\frac{3}{4}$ "
- » Drilling height adjustment:  $2\frac{11}{64}$ "
- » Table size: 46 x 13"

### ... Your decision for Felder, a risk-free decision

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>» The right machine for every budget</li> <li>» Complete reliability in professional use</li> <li>» Tailor made machine solutions</li> <li>» High quality cast iron machine table and aggregates</li> <li>» Innovative detail solutions derived from 65 years of experience – already included in the standard configuration</li> </ul> | <ul style="list-style-type: none"> <li>» First class manufacturing and finishing standards</li> <li>» Intuitive application concepts</li> <li>» Modern, distinct design</li> <li>» Quality and precision from AUSTRIA</li> <li>» Powerful and efficient</li> <li>» Complete package: Comprehensive service support</li> </ul> |
|--|---|



# The most important highlights at a glance



## Tiltable drilling unit

Drilling unit with 29 spindles, quick change chuck, 1 17/64" bore grid. The drilling unit can be tilted from 0°–90° using compressed air.



## Accurate adjustment to a tenth of a millimeter

Removable side fences with digital displays enable comfortable setting adjustment, accurate to within a tenth of a millimetre. Attaches to the FD 29 professional using the Felder coupling system.



## Digital lateral stops

Digital lateral fences on the left and the right side with a fence profile of 16 17/32" for tenths of a millimeter precision adjustment.



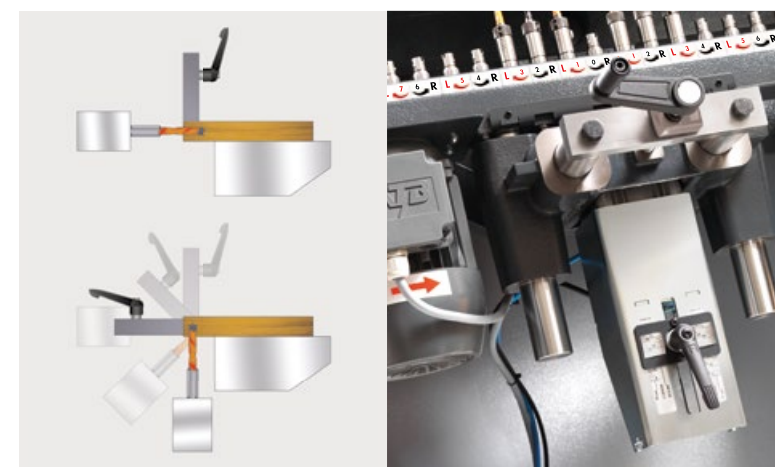
## End stop

Two 59 1/16" linear fences each with two stops.



## Optional: Blum, Hettich or Grass?

The Felder combination drilling segments guarantee accurate holes for your preferred hinge supplier, in one working process.



## Bore depth compensation

The 5/16" compensation ensures that when carrying out corner connections the drilling depth only needs to be set once.



## Fence depth up to 300 mm

Fence depth adjustable up to 11 3/4" (300 mm) with a scale.

Optional



Everything in its place

Holders for the side fences, fence extensions and two tool holders each with the capacity for 21 tools, ensures that all equipment required is always at hand.



Straight or at an angle

The 90° fence and the 45° mitre fence offer comfort and precision with every application.



Maximum load-bearing capacity

Additional pressure cylinders ensure maximum clamping force.

Technical specifications

Electrics		FD 29 professional
001	3x 400 V motor voltage	S
002	3x 230 V motor voltage	O
004	50 Hz motor frequency	S
005	60 Hz motor frequency	O

Mortising unit		
-	Distance between the axes of the drills in mm	32
-	Fence stops for aluminum fence extension for FD 21	4
-	Number of drills	29
-	Number of tool sockets with bayonet lock	5
-	Left 1.5 m aluminum fence extension for FD 21 without fence stops	1
-	Max. drilling depth in mm	70
-	Right 1.5 m aluminum fence extension for FD 21 without fence stops	1
-	Tool holder shank with bayonet lock (mm)	10

General		
-	Extraction connection in mm	80
-	Number of pressure cylinders	2
-	Compressed air requirement	6–8 bar
-	Weight kg (with standard configuration)	380
-	Max. workpiece height in mm	70
-	Table size in mm	1,174 x 350

Important accessories		
11	Tool spindle with a bayonet mount (15.0.310)	O
12	Additional pneumatic compressor rod (432-310)	O
13	90° and 45° mitre fence (432-311)	O
21	Bracket to hold the side fences, fence extensions and 2 tool holders each for holding 21 tools (432-316)	O
211	Coupling system for table extension spindle moulder	O
22	Side fences (2 pieces) with digital display (#211)	S
-	Fence stops for aluminum fence extensions for FD 21 (432-312)	O
-	Combination drilling segment for Lamello Cabineo (15.0.326)	O
-	Combination drilling segment for BLUM hinges, distance between the side holes 45/9.5 (15.0.313)	O
-	Combination drilling segment for GRASS hinges, distance between the side holes 42/11 (15.0.315)	O
-	Combination drilling segment for HETTICH hinges, distance between the side holes 52/5.5 (15.0.314)	O
-	Combination drilling segment for SALICE hinges, distance between the side holes 48/6 (15.0.322)	O
-	Left 1.5 m aluminum fence extension for FD 21 without fence stops (432-313)	O
-	Right 1.5 m aluminum fence extension for FD 21 without fence stops (432-314)	O



Product range

Sliding Table  
Panel Saws



Shapers



Saw-Shapers



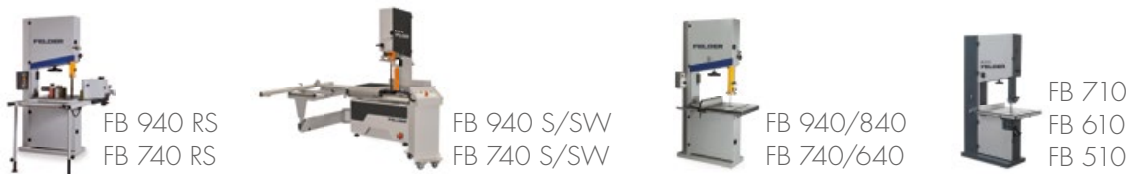
Planers



Combination  
machines



Bandsaws



Dowel Boring Machine,  
Drilling Machine and  
Horizontal Mortiser



Heated  
Veneer  
Presses



Wide Belt Sanding  
Machines



Brushing  
Machine



Belt and  
Edge Sanders



Edgebanders



G 263

G 220

ForKa 300 S eco

Vertical  
panel saw



Extraction Units &  
Briquetting Presses





## 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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