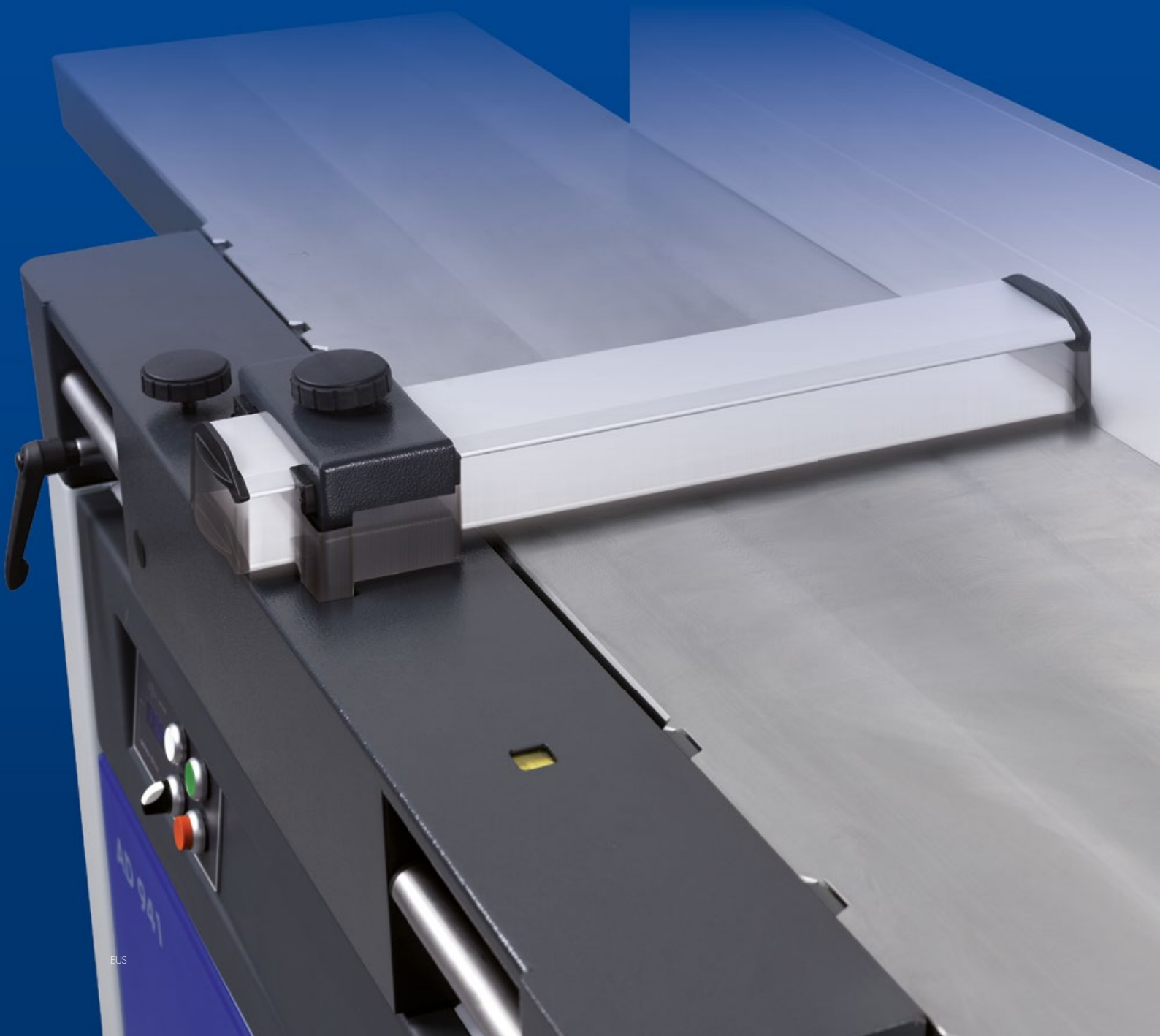


FELDER®

AD 941

TOP CLASS OPERATING COMFORT



FELDER®



AD 941

Top class operating comfort



Solid wood



With technologically advanced detailed solutions, innovative operating concepts and a clear machine design, the A 941 surface planer and the AD 941 planer jointer will impress woodworkers from all over the world. Perfectly planed surfaces, maximum reliability and user-friendliness that is in a class of its own and top operating safety – the planers from Austria meet all the requirements of perfect woodworking.



AD 941

- » Spring-supported, synchronous opening of the two planing tables
- » The optimized jointing fence design ensures the smallest possible space requirement
- » The new Felder jointer fence: Highest operational safety with the best operating comfort
- » Easy to read, the depth of cut scale is perfectly integrated into the machine chassis
- » On request: „Power-Drive“ control of the jointer – accurate to a tenth of a millimeter at the push of a button
- » Ready for the heaviest loads: 4-column jointer guide
- » The Felder system cutterblock has guaranteed perfect planing results for decades
- » The innovative Silent-Power® spiral knife cutterblock cuts noise emission by half

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

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> » 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 | <ul style="list-style-type: none"> » 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



Silent-Power®

Exclusive for planers from the Felder Group The Silent-Power® spiral blade cutterblock cuts noise levels during planing by well over half and provides a continuous pulling cut for tear-free planing patterns in any type of wood. With this revolutionary new development from you are obtaining all of the advantages of a spiral cutterblock at considerably lower operating, investment and adjustment costs.



Stability for high performance

The solid cast iron cutterblock housing is built for heavy duty work. The serrated steel infeed roller and the micro-serrated steel outfeed roller guarantee a perfect transport of the workpiece through the machine. Both steel rollers are large dimensioned and non-wearing. The combination of cutterblock, transport feed rollers and type of wood are essential for perfect jointing results. The new Felder AD 941 can be customized and adapted to your specific needs.



Stability and long-lasting precision

Four trapezoidal support spindles ensure utmost precision and high load bearing capacity. Vertical guides integrated into the side of the machine chassis absorb the resulting outfeed side pressure and guide the jointing table into position with an accuracy of a tenth of a millimetre.



Power-Drive

The fully electrical "Power-Drive" planer table control offers the most precise adjustment and repeat accuracy. With a turn of the knob, you can quickly adjust the jointing height, then fine-adjust using the button. With the integrated LED-display, you can easily see the current actual value.

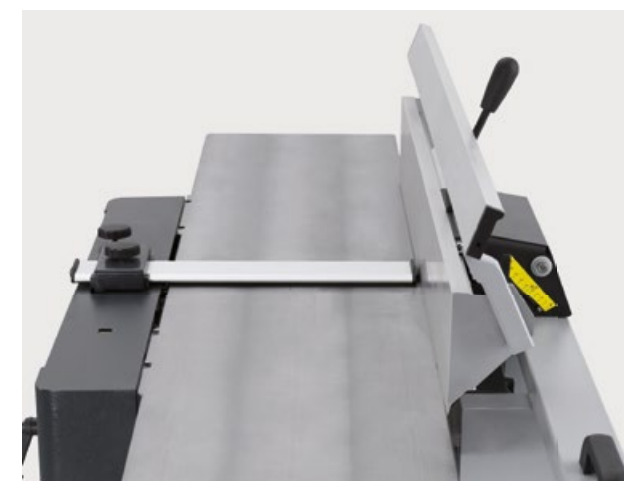
FELDER®

Details



The Felder planer fence

The planer fence: A masterpiece of space saving design that ensures stability and precision! The planer fence can be tilted to any position from 90° to 45°. There is an end stop at both the 90° and 45° positions.



The Felder auxiliary fence

When processing thin or narrow workpieces the new tiltable auxiliary fence attached to the jointer fence, guarantees a safe and comfortable planing operation.



Jointing table with prismatic guides

The patented Felder jointer table adjustment system, uses prism guidance for the highest level of adjustment precision. With the new ergonomically shaped depth of cut adjustment handle, you can adjust the depth of cut quickly and precisely. The depth of cut can be adjusted and set at any position up to 5 mm. The integrated lens makes it possible to read the setting, ensuring exact results accurately.



FELDER planer guard
Maximum operational safety and maximum user comfort. The space saving planer guard integrated into the machine chassis also stabilises the workpiece when planing and bevelling.



Comfort jointer guard
Maximum work safety and unparalleled ease of use: The space-saving dressing guard integrated into the machine column stabilizes the workpiece during dressing and joining operations.



Felder table extensions
With the proven Felder table extension systems, you can extend your planer table quickly and without tools.



Felder table extensions
Using the tried and tested FELDER table extensions it is quick and easy to extend your planing table by up to 39 3/8" without the use of tools.



FELDER®

Details | 9

Silent-Power®

The quiet cutterblock



INCREDIBLY QUIET

For the sake of your health and your employees
The Silent-Power spiral blade cutterblock reduces noise levels by 50 % (10 db A) when compared with conventional systems.



20 TIMES LONGER BLADE LIFE

saves money
The tungsten carbide cutters in the Silent-Power spiral blade cutterblock provide up to twenty times the cutting edge service life of HSS cutters.



FOUR CUTTING EDGES

More „planer knives“ at the same price
Each tungsten carbide knife (on the Silent-Power spiral blade cutterblock) has four cutting bevels. Quickest change of the cutter with a simple single “turn”.



LOWER POWER CONSUMPTION

save power costs
Regardless of the planing width, the Silent-Power cutterblock uses significantly less power than comparable systems.



TEAR-FREE PLANING RESULTS

Real spiral-knife technology
Continuous, pulling cutthanks to the compact arrangement of all cutting edges with optimized cutting angle on the Silent-Power spiral blade cutterblock.



LARGE CHIP SPACE

smallest chipping volumes
The chipping flow optimized chip clearance of the Silent-Power spiral blade cutterblock and the short cutting bevels guarantee the best possible chip transport and the lowest chip volumes



IN-HOUSE PRODUCTION

Innovation made in Austria
The Silent-Power spiral blade cutterblock is manufactured 100% in the factory in Hall i. T., Austria. Local craftsmanship and uncompromising manufacturing standards guarantee the top quality “Made in Austria”.



PATENTED SINCE 2012

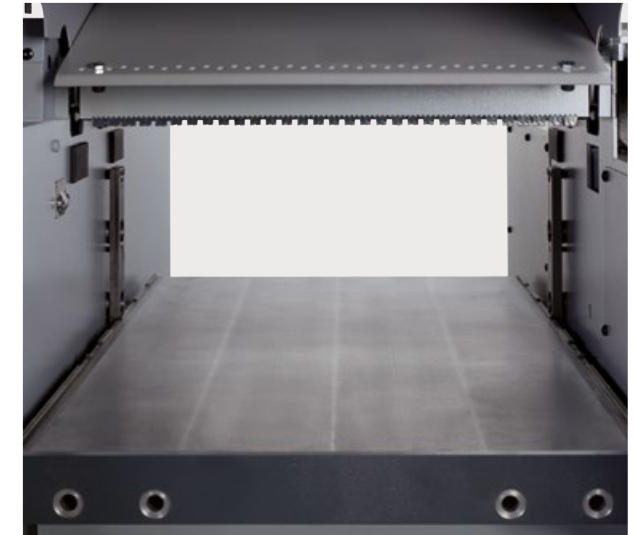
Often copied, but never equalled
Almost 10 years ago, the Silent-Power spiral blade cutterblock has set new standards on the market in terms of noise reduction, quality and efficiency and it is still unmatched today.

Felder changeover comfort

Fastest changeover from planing to jointing through simultaneous, spring-assisted opening of the planer tables.

**Depth of cut quick adjustment**

With the new ergonomically shaped depth of cut adjustment handle, you can adjust the depth of cut quickly and precisely.

**Planing height**

With the amply dimensioned planing height of up to $9^{27/32}$ ", even processing large solid wood trusses is simple and effort free.

**Perfect planing technology**

Two pressure bars prevent the fluttering of the workpiece, in particular thinner pieces when jointing.

**FELDER System cutterblock**

The Felder system cutterblock has guaranteed perfect planing results for decades

- » 2 or 4 knife cutterblock
- » Knife change in less than two minutes
- » Self-aligning knives are perfectly set each and every time
- » No resin buildup on the clamping screws
- » Extremely smooth operation due to the enclosed design
- » Maximum durability of the knives
- » Cost saving with cheaper knife costs

**2 stage gear**

Jointing feed speeds with 6 and 12 m/min are easily selectable.

**A clean solution**

The aerodynamically optimized construction of the dust extraction hood with its ample chip space guarantees an ideal chip extraction and clean working surface.

Technical specifications

Electrics		AD 941
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
006	4.0 HP (3.0 kW)	S
007	5.5 PS (4.0 kW)	O
008	5.5 HP (4.0 kW)	O
009	10.0 PS (7.35 kW)	O
10	Star-delta start is necessary from 7.5 HP and 3x230V	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
Cutterblock		
30	Planing width in mm	410
34	Swivelling auxiliary fence for narrow workpieces	O
36	Standard EURO planer guard	S
37	Comfort EURO planer guard	O
38	2-knife Felder-system cutter-block	S
39	4 knife Felder-system cutter-block	O
40	4 knife Standard cutter-block using traditional single sided planer knives	O
41	3-knife TERSA cutter-block	O
44	Silent-Power spiral cutterblock	O
-	Planer fence with fence plate 51 ³ / ₁₆ x 61 ¹ / ₁₆ " (1.300 x 170 mm)	S
-	Overall planer table length in mm	2.200
-	Number of knives – Silent-Power spiral cutterblock	63
-	Infeed planer table length in mm	1.080
Jointer and feed gears;		
50	Jointing width in mm	404
51	Digital display of the jointing height in mm	S
52	Digital display of the jointing height in inches	O
53	Electrical height adjustment and digital display on the jointing table ("Power-Drive" D1)	O
56	2-speed synchronised feed 6 m + 12 m/min	S
-	Min.-max. jointing height in mm	3-250
-	Max. depth of cut (mm)	5

General		AD 941
-	Jointer extraction connection-Ø in mm	120
-	Working height in mm	890
-	Weight kg (with standard configuration)	610
-	Min. transport width in mm	800
Important accessories		
210	Rolling carriage	O
211	Table extension coupling system for planer tables 16 ⁹ / ₁₆ " (410 mm)	O
221	Transport preparation for overseas transport	O
223	IPPC palette	O

Product range

Sliding Table
Panel Saws



Shapers



Saw-Shapers



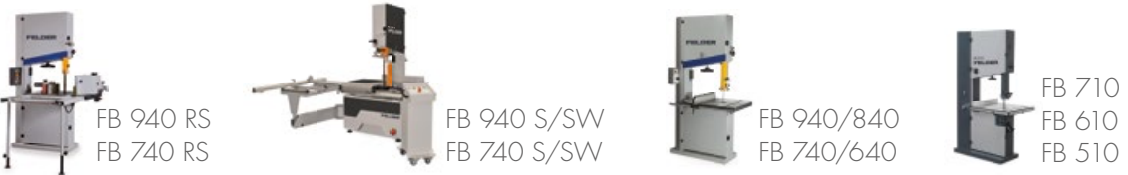
Planers



Combination
machines



Bandsaws



Dowel Boring Machi-
ne, Drilling Machine
and Horizontal
Mortiser



Wide Belt Sanding
Machines



Brushing
Machine



Belt and Edge
Sanders



Edgebanders



ForKa 300 S eco



Extraction Units &
Briquetting Presses



FBP 50/60/70





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

KR-Felder-Straße 1
A-6060 HALL in Tirol

☎ Tel. +1 866-792-5288

www.felder.us

[Contact](#)