

FELDER®

Heavy Duty Line
BANDSAWS WITH
SLIDING TABLE



EUS

FELDER

ROLL

FELDER®



The bandsaw with sliding table for the truly major challenges



Solid wood



Non-ferrous metals



Plastic



FB 740 S

- » Cutting height: 500 mm
- » Rip capacity: 710 mm
- » Flywheel-Ø: 730 mm
- » Sliding table: 1550 x 3700 mm
- » Outrigger with crosscut fence
- » Motor power: 5.5–7.35 kW
- » Variable cutting speed: 320–1120 m/min

FB 740 SW

- » Cutting height: 500 mm
- » Rip capacity: 710 mm
- » Flywheel-Ø: 730 mm
- » Sliding table: 1550 x 3700 mm
- » Outrigger with crosscut fence
- » Motor power: 7.35–9.2 kW
- » Variable cutting speed: 320–1120 m/min
- » Wider rollers for bandsaw blade width 50-90 mm

FB 940 S

- » Cutting height: 570 mm
- » Rip capacity: 910 mm
- » Flywheel-Ø: 930 mm
- » Sliding table: 1550 x 3700 mm
- » Outrigger with crosscut fence
- » Motor power: 7.35 kW
- » Variable cutting speed: 320–1120 m/min

FB 940 SW

- » Cutting height: 620 mm
- » Rip capacity: 910 mm
- » Flywheel-Ø: 930 mm
- » Sliding table: 1550 x 3700 mm
- » Outrigger with crosscut fence
- » Motor power: 11 kW
- » Variable cutting speed: 320–1120 m/min
- » Wider rollers for bandsaw blade width 50-90 mm

The new Felder bandsaws with "X-Roll" sliding table offer huge cutting heights, large support surfaces and variable cutting speeds for perfect results in industrial use. The powerful motor with a maximum power of 11 kW together with up to 620 mm cutting height and sliding table lengths from 1550 to 3700 mm bring easy handling, absolute precision and highest efficiency to every workshop. With variable cutting speeds, bandsaw blade lubrication and many other system solutions, the bandsaws guarantee perfect results and universal applicability.

In addition to woodworking, the bandsaws are also ideal for cutting shaped pipes in metalworking or for cutting insulating materials in plastics processing companies. Special precision cuts of mixed materials, such as wood-aluminium windows, can be performed perfectly with the Felder Heavy Duty Line bandsaws and the results are outstanding.

The "SW" models were specially designed to meet the high demands of non-stop operation or increased loads. The more powerful motors offer maximum performance in industrial applications and the wider rollers allow the use of large bandsaw blades of 50-90 mm width.

Choosing 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



"X-Roll" format sliding table

The "X-Roll" sliding table guarantees highest precision. Durable guides with the well-proven linear guiding system ensure absolute smooth running due to the roller bearing forced guidance. Due to the solid profile construction the sliding table is completely torsion resistant. Protected from dust and absolutely maintenance-free the X-Roll format sliding table ensures perfect woodworking for many years. The 1500, 2050, 2500, 3200 or 3700 mm format sliding table guarantees maximum precision and convenience even when cutting large-dimensioned materials.



Outrigger with crosscut fence

The outrigger table with integrated workpiece roller offers maximum support surface for easy feeding of large-sized workpieces. The crosscut fence with mounting system and ergonomically designed scale or reading optics on the stops guarantees precise adjustments and crosscuts of up to 2600 mm. The crosscut fence can tilt from 90°–45° and comes standard with one fence stop. A fixed reference position is provided at 90°.



Uncoated wheels with bronze scrapers

The front third of the two solid steel wheels are cambered. Bronze scrapers are fitted in the upper and lower part of the bandsaw to protect it from dirt and ensure high concentricity. Ideal equipment for cutting damp and wet wood, when using lubricants or for working with aluminium, bronze, copper or composite materials.

Details

Universal linear laser for all bandsaws

The Felder linear laser for bandsaws makes it possible to project the cutting line on to your workpiece and serves as an optical aid when cutting. This makes it possible to align the workpiece in advance and minimises waste. The mounting plate allows the linear laser to be retrofitted on to any bandsaw.

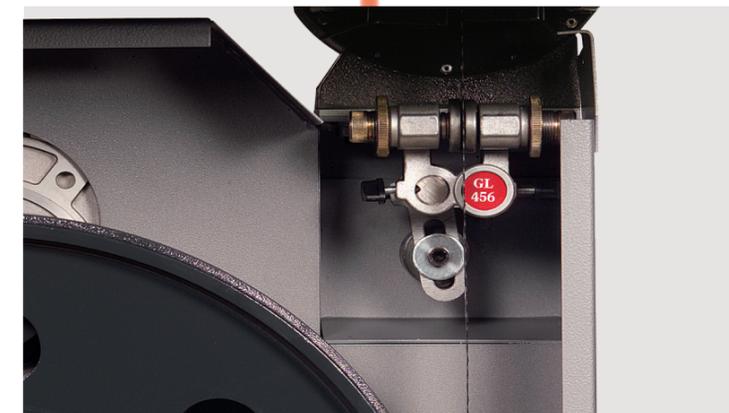
Powerful motor

The powerful motor with 3x400 V and 50 Hz delivers absolute best performance and outstanding results when processing a wide range of materials.

- FB 740 S: 5.5 kW (7.35 kW optional)
- FB 740 SW: 7.35 kW (9.2 kW optional)
- FB 940 S: 7.35 kW
- FB 940 SW: 11 kW

Bandsaw blade guides

The new bandsaw models are equipped with one upper and one lower table saw blade guide including precision-adjustable side and rear rollers as well as a lockable adjusting screw. The rear roller prevents the blade from being pushed back during cutting, the left and right side roller support the blade when pressure is applied from the side. This is a significant advantage when cutting curves, for example.



Blade lubrication

The belt lubricating device supplies the bandsaw blade with release agents via a felt pad and thus cleans and protects it from resin and contamination.



Electro-pneumatic blade lubrication

With the optionally available, electro-pneumatic belt lubrication device, the release agent is sprayed onto the saw blade against the running direction of the blade via a nozzle. Due to the lubricating and at the same time cooling effect, this is a considerable advantage, especially when processing plastics or metals.



Rubber coated fly wheels

Optionally the band saw can be equipped with rubber-coated wheels. The elasticity of the rubber coating minimises the occurring loads and as such prevents the blade from moving off its position. It is also possible to use narrower bandsaw blades with crosswise teeth.



Clamping system for flat and round components

The clamping system allows flat and round components of a diameter of 50–600 mm to be clamped on the sliding table. The clamping is done pneumatically, using two clamping jaws that slot into the table groove.



Uncoated wheels with bronze scrapers

The front third of the two solid steel wheels are cambered. Bronze scrapers are fitted in the upper and lower part of the bandsaw to protect it from dirt and ensure high concentricity. Ideal equipment for cutting damp and wet wood, when using lubricants or for working with aluminium, bronze, copper or composite materials.



Bandsaw guides with bronze elements

The close-fitting guide blocks support the bandsaw blade laterally so that it does not run off even with large cutting heights. The roller on the back of the bandsaw guide stabilizes the blade to the rear. Due to the bronze inserts, the heat generated during cutting is ideally dissipated, thus considerably extending the service life of the bandsaw blades.

Bandsaw guide with ceramic inserts

The bandsaw guides with ceramic inserts guarantee excellent cutting results and maximum blade stability with four guiding blocks positioned directly adjacent to the saw blade. The flat surface ensures reduced noise emissions and considerably less friction resistance. With reduced friction and less heat generation, ceramic guides are practically wear-resistant and enable an extremely long useable life and consistent cutting quality when compared to conventional roller guides.

Outrigger with crosscut fence

The outrigger table with integrated workpiece roller offers maximum support surface for easy feeding of large-sized workpieces. The crosscut fence with mounting system and ergonomically designed scale or reading optics on the stops guarantees precise adjustments and crosscuts of up to 2600 mm. The crosscut fence can tilt from 90°–45° and comes with one fence stop as standard. A fixed reference position is provided at 90°.

"X-Roll" format sliding table

The "X-Roll" sliding table guarantees highest precision. Durable guides with the well-proven linear guiding system ensure absolute smooth running due to the roller bearing forced guidance. Due to the solid profile construction the sliding table is completely torsion resistant. Protected from dust and absolutely maintenance-free the X-Roll format sliding table ensures perfect woodworking for many years. The 1500, 2050, 2500, 3200 or 3700 mm format sliding table guarantees maximum precision and convenience even when cutting large-dimensioned materials.



Technical specifications

Electrics	FB 740 S	FB 940 S	FB 940 SW	FB 740 SW
001 3x 400 V motor voltage	S	S	S	S
004 50 Hz motor frequency	S	S	S	S
006 5.5kW with SD-Start	S	-	-	-
007 7.35 kW with SD-Start	O	S	-	S
16 Var. Cutting speed 320-1120 m/min for 5.5 kW	O	-	-	-
17 Var. Cutting speed 320-1120 m/min for 7.35 kW	-	O	-	O
009 11kW with SD-Start	-	-	S	-
008 9.2 kW with SD-Start	-	-	-	O

Bandsaw unit	FB 740 S	FB 940 S	FB 940 SW	FB 740 SW
- Cutting height in mm	500	570	620	500
- Cutting width in mm	710	910	910	710
- Rollers-Ø mm	730	930	930	730
- Roller speed in rpm	690	550	550	690
- Cutting speed in m/min	1600	1600	1600	1600
- Bandsaw blade length in mm (min-max)	5300-440	6590-6670	6580-6670	5300-440
- Bandsaw blade width in mm (min-max)	19-45	19-55	50-90	50-90
260 Bandsaw guide with ceramic inserts	O	O	-	-
261 Bandsaw guides with bronze elements (S)	O	O	-	-
270 Electro-pneumatic blade lubrication	O	O	O	O
271 Rubber coated running wheels (rollers-Ø 740 mm)	O	-	-	-
273 Clamping system-flat and round components D=50-600mm	O	O	O	O
271 Rubber coated flywheels (rollers-Ø 940 mm)	-	O	-	-
262 Bandsaw guides with bronze elements (SW)	-	-	O	O

Sliding Tables	FB 740 S	FB 940 S	FB 940 SW	FB 740 SW
130 1550 sliding table with 1300 outrigger	S	S	S	S
131 2050 mm sliding table with 1300 outrigger	O	O	O	O
132 2500 mm sliding table with 1500 outrigger	O	O	O	O
133 3200 mm sliding table with 1500 outrigger	O	O	O	O
134 3700 mm sliding table with 1500 outrigger	O	O	O	O
- Crosscut fence 2600	S	S	S	S

General	FB 740 S	FB 940 S	FB 940 SW	FB 740 SW
- Working height in mm	925	1060	1060	925
- Total height in mm	2430	2900	2860	2395
- Extraction connection in mm	140/140	140/140	140/140	140/140
- Weight, kg (with average equipment)	885	1065	1135	935

Important accessories	FB 740 S	FB 940 S	FB 940 SW	FB 740 SW
- 400-108 - Eccentric clamp with threaded seat	O	O	O	O
- 01.0.036 - Mounting set, M-20 bolt	O	O	O	O
- 423-042 Linear laser for bandsaws	O	O	O	O
110 13.7.7420 – Flexback Saw Blade L=5365 mm, W=20 mm	O	-	-	-
111 13.7.7430 – Flexback Saw Blade L=5365 mm, W=30 mm	O	-	-	-
110 13.7.9420 – Flexback Saw Blade L=6650 mm, W=20 mm	-	O	-	-
111 13.7.9430 – Flexback Saw Blade L=6650 mm, W=30 mm	-	O	-	-
112 13.7.9440 – Flexback Saw Blade L=6650 mm, W=40 mm	-	O	-	-
113 13.7.9450 – Flexback Saw Blade L=6650 mm, W=50 mm	-	O	-	-
114 13.7.9490 – Stellite Saw Blade L=6630 mm, W=90 mm	-	-	O	-
112 13.7.7480 – Stellite Saw Blade L=5365 mm, W=80 mm	-	-	-	O

Product range

Sliding Table Panel Saws



Spindle Moulders



Saw-Shapers



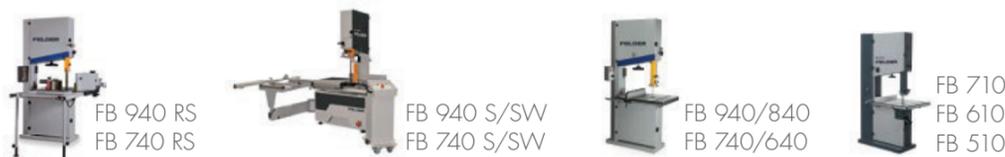
Planers



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



Vertical panel saw



Extraction Units & Briquetting Presses



FBP 50/60/70



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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