

FELDER

Machines



FELDER



Between these two pictures lie 40 years of experience in developing and manufacturing of woodworking machines. FELDER, a company with tradition which combines the experience from the past with the possibilities of the present to strategies for the future. A company which provides professional services for its customers from advice to the after sales service which can last for decades. FELDER machines are developed and manufactured with the aid of the latest technology.

Permanent contact with our end users ensures the feed back which future customers will benefit from. The quality of the used components combined with the manufacturing standards guarantees that all FELDER products meet the highest demands. Long life and full machine utilization with minimum loss of value is the result appreciated by all customers worldwide.



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Our environment is an important concern to FELDER. Reducing waste, recycling materials, the use of environmental friendly technology and an ecological attitude is a fixed element of the company's philosophy.



Conscientious advice from experts and extensive documentation material ensure the right decision.

Some of the machines are shown with optional equipment. The machines are equipped with all necessary safety guards according to your country's regulation. The standard equipment is shown in your country's price list. All technical data subject to change without notice. You will receive additional detailed information by returning the enclosed INFO-card.

FELDER

Woodworking System

BF 6-26

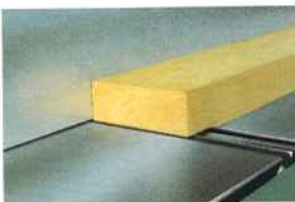


**Perfection in a compact unit!
This is the New Generation!**

The BF 6 26 was developed with the motto "no room is too small" and "all woodworking operations must be possible". The philosophy not to compromise when creating a new machine was also applied to the smallest FELDER Woodworking System. Therefore the FELDER BF 6 26 is not inferior to its bigger brothers BF 6 31 and BF 6 41 in terms of precision and operating convenience, only the size of the machine was adapted to suit different applications.

The FELDER BF 6 26 Woodworking System is the ingenious creation of a true panel saw combined with a tilting spindle moulder/shaper and a heavy duty surface-thickness planer with all main parts in cast iron.

These features combined with the unique "FELDER-Set Up-System, which keeps change over times to a minimum, guarantee that the extra outlay in the beginning will be money you save in the near future.



Thickness Planing

You can change from jointing/surface planing to thicknessing in a few seconds.

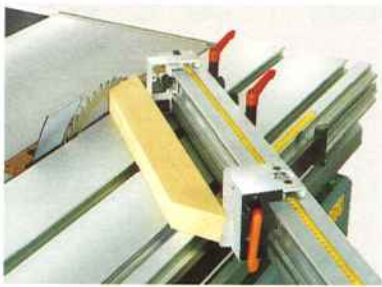
The height can be adjusted continuously from 4 - 220 mm (1/6 - 9").

The transport of the workpiece is guaranteed by the geared infeed roller and the large outfeed roller.

Facing, Edging, Jointing and Beveling

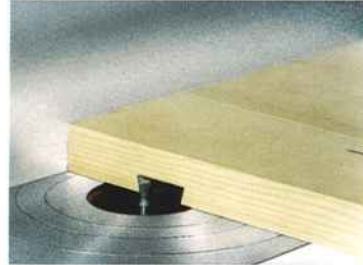
The depth of cut can be adjusted continuously between 0 - 5 mm. Both the infeed and outfeed tables are mounted on very robust rise/fall guideways which guarantees long term accuracy. For edging and bevel work you can use the standard planer fence or the optional one which is tilting between 90° and 45°. The FELDER BF 6 series machines provide an easy use of a dust collector due to the integrated dust hood.



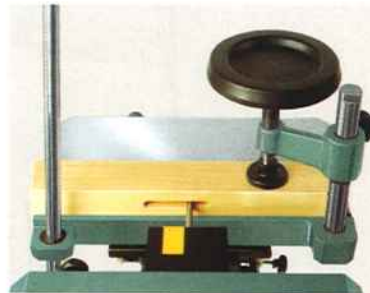


The Double-Mitre-System and Angle Adjustment of the Sawblade

What you would buy as an expensive accessory elsewhere is standard on FELDER machines. This includes the Double-Mitre-System which provides continuous and precise adjustment of the crosscut fence between -45° and +45° with the help of a large readout. The angle can be adjusted continuously from 90° to 45°. Both the height and angle adjustment can be carried out with the standard handwheels or with optional digital controlled handwheels.



The FELDER-Quick-Change-System and the Angle Adjustment for Moulder/Shaper Spindle
 FELDER machines feature a Quick-Change-System on the spindle which enables the use of the revolutionary High Speed Spindle or spindles with different diameters. The height and angle adjustment can be carried out with the standard handwheels or with optional digital controlled handwheels.



Mortiser

On request the FELDER BF 6 series can also be equipped with a mortiser. The mortising bits are held by a 2-jaw chuck (suitable for forward and reverse run) with a clamping range from 0 - 16 mm. The mortiser can be removed within seconds when surface or thickness planing.

Surface - Thickness Planer	BF 6-26	Sliding Table	BF 6-26
Circle of Cut	Ø 90 mm	Cutting Length (•)	800 mm, 31.6" (1240 mm, 48")
Number of Knives (•)	2 (4)	Optional Outrigger	
Cutterhead Speed	4700 rpm	Support Table with Roller	800 x 500 mm (32 x 20")
Maximum Depth of Cut	5 mm	Electrical Equipment	
Surfacing Width	260 mm (10")	Number of Motors	3 (4)
Total Table Length (•)	1350 mm, 54" (2350 mm, 94")	Motor Power 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)
Thicknessing Width	254 mm (10")	Optional Electrical Equipment	
Thicknessing Height	4-220 mm (1/6-9")	Motor Power 1 x 220 V, 50/60 Hz	2.0 kW (2.8HP)
Synchronised Feedspeed	6.5 m/min	Motor Power 3 x 220 V, 50/60 Hz	2.2 kW (3.0 HP)
Circular Saw		Optional Equipment Mortising:	
Spindle Diameter	Ø 30 mm	Double jawed chuck	0-16 mm
Speed	4700 rpm	Mortiser Table, One hand operation	
Diameter Sawblade	250-315 mm (10-12")	Mortise Length, max.	250 mm
Depth of Cut, max.	92 mm (104 mm) (4")	Mortise Depth, max.	150 mm
Cutting Width, continuously	0-750 mm (30")	Range of Height Adjustment	110 mm
Sawblade Tilt Mechanism	90°-45°	Dimensions and Weights	
Size of Saw Table (•)	1020 mm (2020) x 810 mm	Total Height	883 mm
Optional Scoring Unit	yes	Shipping Width, min.	800 mm
Spindle Moulder/Shaper		Weight Net/Gross	510 kg / 570 kg
Spindle Diameter	Ø 30 mm (1 1/4")	Packing Dimensions	
Optional Spindles	Ø 25/40/50 mm (1", 1 1/2")	Length x Width x Height	1470 x 1160 x 1520 mm
Speeds	3700, 6500, 7800 rpm		
Router Spindle	15.000 rpm		
Optional Collets	6, 8, 9.5, 10, 11, 12, 13, 14, 16 mm (1/4", 3/8", 1/2")		
Diameter Tool, max.	320 mm (12")		
Moulder Tilt Mechanism	90°-45°		

All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

FELDER

Woodworking System

BF 6-31



**Performance, Precision and Versatility in one unit!
This is the New Generation!**

If you are asking yourself where the "happy medium" between size, performance, versatility and durability on combined woodworking machines is, then the FELDER Woodworking System BF 6 31 is the right answer. The BF 6 31 is a truly professional machine at a competitive price. Therefore the FELDER BF 6 31 is used by professionals as well as by serious private woodworkers.

Revolutionary features, like the Format-Sliding-Table, tilting spindle moulder/shaper, High Speed Router Spindle, self setting planer knives and the universal table extension system, to satisfy even the most demanding woodworkers put FELDER Woodworking Systems years ahead of others.



**Facing, Edging, Jointing and Beveling and
the FELDER-Table-Extension-System**

No workpiece is too large. With the universal FELDER table extensions you can adjust the infeed and outfeed table to every workpiece size. With this support area you can handle extremely long workpieces easily and accurately without help.

Both the infeed and outfeed tables are mounted on very robust rise/fall guideways which guarantees long term accuracy. The depth of cut can be adjusted continuously between 0 - 5 mm.



**Thickness Planing and
the Thicknesser Feed**

The large and robust single column guiding of the thicknesser table guarantees a precise and parallel cutting result. All FELDER machines have a digital controlled height adjustment as standard equipment which provides a working accuracy of 0.05 mm (0.002").

The transport of the workpiece is guaranteed by the geared infeed roller and the large outfeed roller. The synchronised gear box can be engaged or disengaged during the work process. The integrated dust extraction hood ensures the problem free use of a dust extractor.



Trimming with the Format-Sliding-Table

The first cut is the most important one. It determines the accuracy for all future operations. The FELDER-Format-Sliding-Tables offer you a supporting surface right next to the sawblade and therefore the condition to be able to carry out trimming and sizing cuts safely and very accurately.

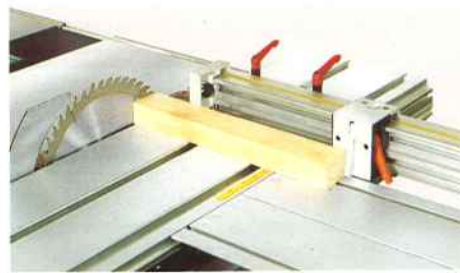


Spindle Tilt "Backward"

Providing great operating convenience

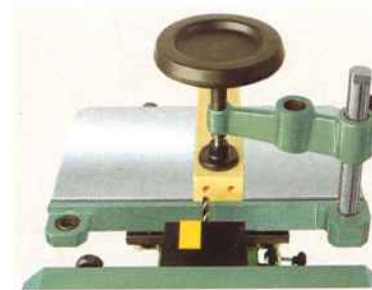
The FELDER Woodworking Systems tilt the spindle backwards which creates the following advantages for you:

- less risk of accidents as the workpiece covers the tool completely
- any workpiece height possible
- problem free use of a power feed
- lower spindle bearing pressure which reduces vibration and increases accuracy
- best possible dust extraction due to the double extraction



The Double-Mitre-System and the Crosscut Fence

The Double-Mitre-System provides continuous and precise adjustment of the crosscut fence between -45° and +45° with the help of a large readout. A 90° stop is standard which guarantees the right angle to the sawblade.



Optional Mortiser

The mortiser table, which is offered as an option, is operated with a single lever and runs on special ball bearings without play. The mortising bits are held by a 2-jaw chuck (suitable for forward and reverse run) with a clamping range from 0 - 16 mm. A hold down clamp for workpieces is standard. The mortiser can be removed within seconds when surface or thickness planing.

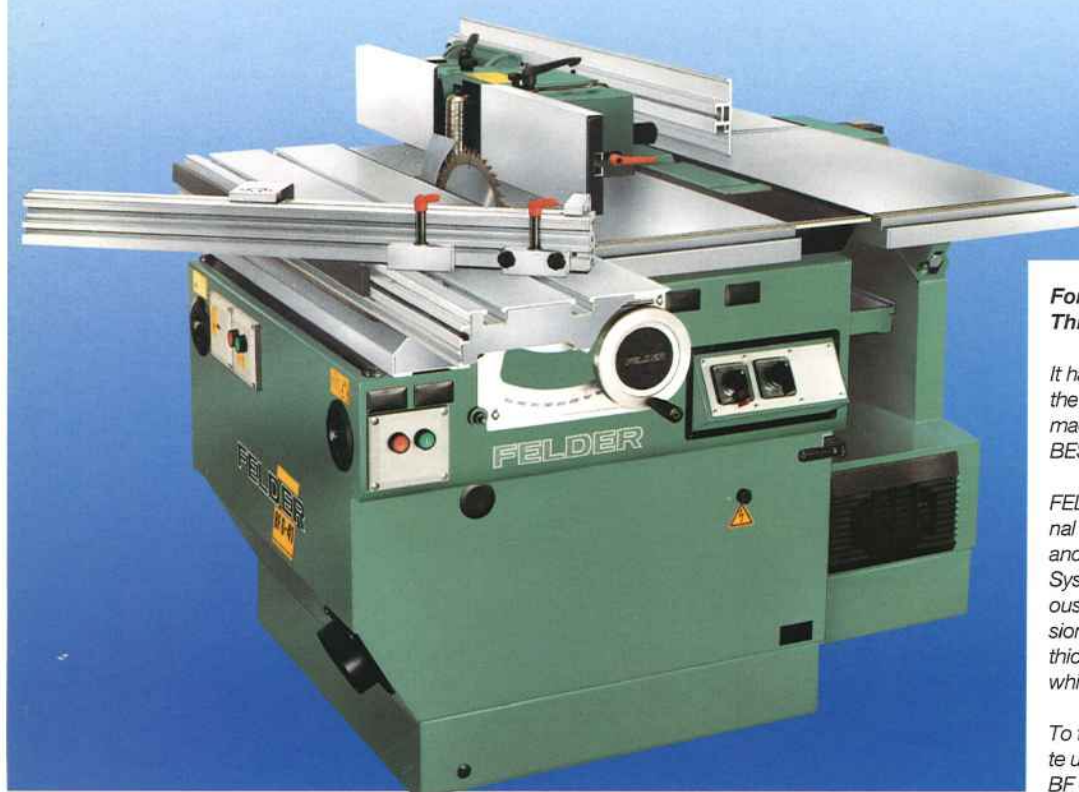
Surface - Thickness Planer	BF 6-31	Sliding Table	BF 6-31
Circle of Cut	Ø 90 mm	Cutting Length (•)	1240 mm, 48" (1750 mm, 69")
Number of Knives (•)	2 (4)	Optional Outrigger •	
Cutterhead Speed	4700 rpm	Support Table with Roller	800 x 500 mm (32 x 20")
Maximum Depth of Cut	5 mm	Electrical Equipment	
Surfacing Width	310 mm (12")	Number of Motors (•)	3 (4)
Total Table Length (•)	1350 mm 54" (2350 mm, 94")	Motor 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)
Thicknessing Width	304 mm (10")	Optional Electrical Equipment •	
Thicknessing Height	4-220 mm (1/6 - 9")	Motor 3 x 380 V, 50/60 Hz	3.0 kW (4.0 HP)
Synchronised Feedspeed	6.5 m/min	Motor 1 x 220 V, 50/60 Hz	2.0 kW (2.8 HP)
		Motor 3 x 220 V, 50/60 Hz	2.2 kW (3.0 HP)
		Motor 3 x 220 V, 50/60 Hz	3.0 kW (4.0 HP)
Circular Saw		Optional Equipment Mortising:	
Spindle Diameter	Ø 30 mm	Double jawed chuck	0-16 mm
Speed	4700 rpm	Mortiser Table, One hand operation •	
Diameter Sawblade	250-315 mm (10" - 12")	Mortise Length, max.	250 mm
Depth of Cut, max.	92 mm (104 mm) (4")	Mortise Depth, max.	150 mm
Cutting Width, continuously	0-800 mm (30")	Range of Height Adjustment	110 mm
Sawblade Tilt Mechanism	90°-45°		
Size of Saw Table (•)	1020 mm (2020) x 850 mm		
Spindle Moulder/Shaper		Dimensions and Weights	
Spindle Diameter	Ø 30 mm (1 1/4")	Total Height	883 mm
Optional Spindles •	Ø 25/40/50 mm (1", 1 1/2")	Shipping Width, min.	800 mm
Speeds	3700, 6500, 7800 rpm	Weight Net/Gross	629 kg / 689 kg
Router Spindle •	15.000 rpm	Packing Dimensions	
Optional Collets •	6, 8, 10, 11, 12, 13, 14, 16 mm (1/4", 3/8", 1/2")	Length x Width x Height	1470 x 1160 x 1520 mm
Diameter Tool, max.	320 mm (12")		
Moulder Tilt Mechanism	90°-45°		

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FELDER

Woodworking System

BF 6-41



**Forget all you know about Universals!
This is the New Generation!**

It has never been FELDER's philosophy to compromise. Therefore the Woodworking Systems BF 6 41 and BF 6 41 FL are "High Tech" machines without any compromise for users who only want the BEST.

FELDER built a Woodworking System which consists of professional units, with a precision unequalled on many separate machines and with change over times, due to the unique "FELDER-Set Up-System, kept to a minimum. The FELDER BF 6 series is the ingenious creation of a professional panel saw combined with a professional tilting spindle moulder/shaper and a heavy duty surface-thickness planer with all main parts in cast iron. These are features which quickly pay for themselves in increased productivity.

To the professional woodworker as well as to the demanding private user FELDER offers with the Woodworking Systems BF 6 41 and BF 6 41 FL the perfect solution to all woodworking requirements.

Surface - Thickness Planer	BF 6-41	Sliding Table	BF 6-41
Circle of Cut	Ø 90 mm	Cutting Length (•)	1240 mm, 48" (1750 mm, 68")
Number of Knives (•)	2 (4)	Optional Outrigger Table with Roller •	800 x 500 mm (32 x 20")
Cutterhead Speed	4700 rpm	Electrical Equipment	
Maximum Depth of Cut	5 mm	Number of Motors	3 (6)
Surfacing Width	410 mm (16")	Motor Power 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)
Total Table Length (•)	1680 mm, 67" (2680 mm, 107")	Motor Power 3 x 380 V, 50/60 Hz •	3.0 kW (4.0 HP)
Surfacer Tables with Gas-springs	yes	Motor Power 3 x 380 V, 50/60 Hz •	4.0 kW (5.5 HP)
Thicknessing Width	404 mm (16")	Motor Power 1 x 220 V, 50/60 Hz •	2.0 kW (2.8 HP)
Thicknessing Height	4-220 mm (1/6 - 9")	Motor Power 3 x 220 V, 50/60 Hz •	2.2 kW (3.0 HP)
Synchronised Feedspeed	6.5 m/min	Motor Power 3 x 220 V, 50/60 Hz •	3.0 kW (4.0 HP)
Variable Feedspeed •	4-14 m/min		
Circular Saw		Optional Equipment Mortising	
Spindle Diameter	Ø 30 mm	Double jawed chuck	
Speed	4700 rpm	(forward and reverse run) •	0-16 mm
Diameter Sawblade	250-315 mm (10-12")	Mortiser Table, Ball Bearings, One hand operation •	
Depth of Cut, max. (•)	92 mm (104 mm) (4")	Mortise Length, max.	250 mm
Cutting Width, continuously	0-950 mm (38")	Mortise Depth, max.	150 mm
Sawblade Tilt Mechanism	90°-45°	Range of Height Adjustment	110 mm
Size of Sawtable (•)	1020 (2020 mm) x 950 mm (40 x 38")		
Spindle Moulder/Shaper		Dimensions and Weights	
Spindle Diameter	Ø 30 mm (1 1/4")	Total Height	883 mm
Optional Spindles •	Ø 25/40/50 mm (1", 1 1/2")	Shipping Width, min.	800 mm
Speeds	3700, 6500, 7800 rpm	Weight Net/Gross	800 kg / 880 kg
Router Spindle •	15.000 rpm		
Optional Collets •	6, 8, 9.5, 10, 11, 12, 13, 14, 16 mm (1/4", 3/8", 1/2")	Packing Dimensions	
Diameter Tool, max.	320 mm (12")	Length x Width x Height	1470 x 1160 x 1520 mm
Moulder Tilt Mechanism	90°-45°		

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Woodworking System **BF 6-41 FL**



Surface - Thickness Planer	BF 6-41 FL	Sliding Table	BF 6-41 FL
Circle of Cut	Ø 90 mm	Cutting Length (•)	2450 mm, 8 ft
Number of Knives (•)	2 (4)	Optional Outrigger Table with Roller •	800 x 500 mm (32 x 20")
Cutterhead Speed	4700 rpm		
Maximum Depth of Cut	5 mm	Electrical Equipment	
Surfacing Width	410 mm (16")	Number of Motors	3 (6)
Total Table Length (•)	1680 mm, 67" (2680 mm, 107")	Motor Power 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)
Surfacer Tables with Gas-springsyes		Motor Power 3 x 380 V, 50/60 Hz •	3.0 kW (4.0 HP)
Thicknessing Width	404 mm (16")	Motor Power 3 x 380 V, 50/60 Hz •	4.0 kW (5.5 HP)
Thicknessing Height	4-220 mm (1/6 - 9")	Motor Power 1 x 220 V, 50/60 Hz •	2.0 kW (2.8 HP)
Synchronised Feedspeed	6.5 m/min	Motor Power 3 x 220 V, 50/60 Hz •	2.2 kW (3.0 HP)
Variable Feedspeed •	4-14 m/min	Motor Power 3 x 220 V, 50/60 Hz •	3.0 kW (4.0 HP)
Circular Saw		Optional Equipment Mortising	
Spindle Diameter	Ø 30 mm	Double jawed chuck	
Speed	4700 rpm	(forward and reverse run) •	0-16 mm
Diameter Sawblade	250-315 mm (10-12")	Mortiser Table, Ball Bearings, One hand operation •	
Depth of Cut, max. (•)	92 mm (104 mm) (4")	Mortise Length, max.	250 mm
Cutting Width, continuously	0-950 mm (38")	Mortise Depth, max.	150 mm
Sawblade Tilt Mechanism	90°-45°	Range of Height Adjustment	110 mm
Size of Sawtable (•)	1020 (2020 mm) x 950 mm (40 x 38")		
		Dimensions and Weights	
Spindle Moulder/Shaper		Total Height	883 mm
Spindle Diameter	Ø 30 mm (1 1/4")	Shipping Width, min.	800 mm
Optional Spindles •	Ø 25/40/50 mm (1", 1 1/2")	Weight Net / Gross	900 kg / 980 kg
Speeds	3700, 6500, 7800 rpm		
Router Spindle •	15.000 rpm	Packing Dimensions	
Optional Collets •	6, 8, 9.5, 10, 11, 12, 13, 14, 16 mm (1/4", 3/8", 1/2")	Length x Width x Height	2100 x 1500 x 1680 mm
Diameter Tool, max.	320 mm (12")		
Moulder Tilt Mechanism	90°-45°		

All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

FELDER



Facing, Edging, Jointing and Beveling

For edging and bevel work you can use the precision fence which is tilting between 90° and 45°. Stops for 45° and 90° are part of the standard equipment.

Both the infeed and outfeed tables are mounted on very robust rise/fall guideways which guarantees long term accuracy. The depth of cut can be adjusted continuously between 0 - 5 mm.



Mitre cuts between +45° and -45°

An essential feature for professionals. Mitre cuts and precise 90° cuts are no problem with the standard Double-Mitre-System. The length stop can easily be moved and fixed and guarantees, due to the magnifying glass, accurate adjustment and read out of any required cutting length.



Thickness Planing and the Thicknesser Feed

You can change from jointing/surface planing to thicknessing in a few seconds. It is extremely easy to open up the solid, cast surface planer tables with the aid of the large Gas-springs. Then it only remains to tilt the combined chip- and dust extraction hood from the surfacing position into the self locking thicknessing position.

The height of the thickener table can be adjusted continuously from 4 - 220 mm (1/6 - 9") with the aid of a digital controlled handwheel.

BF 6-41**BF 6-41 FL**

The Precision-Fence with Micro Adjustment

Has a roller bearing to position the fence accurately along the saw table with the aid of a micro adjustment. You can adjust the fence continuously from the sawblade, cutting width 0, along the saw and surface planer table up to the maximum rip cut capacity of 900 mm (1340 mm) (36"/53").



Trimming with the Format-Sliding-Table

The first cut is the most important one. It determines the accuracy for all future operations. The FELDER-Format-Sliding-Tables offer you a cutting length up to 2450 mm (8 ft) (BF 6-41 FL) and provide a supporting surface for the workpiece which is as long as the cutting length itself.

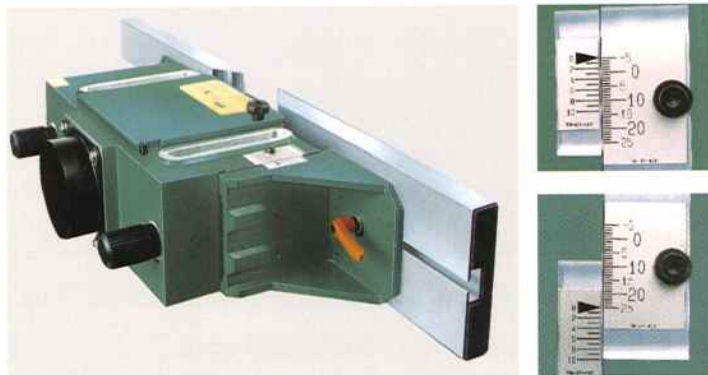


The Outrigger Table and the Scoring Unit

The outrigger table combined with the Format-Sliding-Table provides a large supporting surface enabling to cut standard sized boards without additional help. A roller at the end of the table ensures that valuable workpiece surfaces will not be scratched by the operator.



The FELDER scoring unit is driven by a separate motor and prevents chipping on laminated panels. The unit incorporates a split blade that runs with 15000 rpm in opposite direction to the sawblade and features external height and lateral adjustment for ease and precision.



FELDER Spindle Moulder/Shaper Fence "180" and "240" and the Quick-Change-System for the Spindle

The outfeed fence plate is micro adjustable from -5 mm to +25 mm and the fence can therefore be used for forward and reverse run of the spindle. Anodised fence plates are available as an option. FELDER machines feature a Quick-Change-System on the spindle which enables the use of the revolutionary High Speed Spindle or spindles with different diameters. Special moulding/shaping routines like edge trimming, finger jointing, copy cutting, cutting of small workpieces or special materials are no problem with the FELDER-High-Speed-Spindle.



Mortising

On request the FELDER BF 6 series can also be equipped with a mortiser. The mortising bits are held by a 2-jaw chuck (suitable for forward and reverse run) with a clamping range from 0 - 16 mm. The mortiser table is operated with a single lever and runs on special ball bearings without play. Special cleaners ensure a clean guiding track and a jerk free operation. Stops for mortise length, depth and width are standard. The height is adjusted with a handwheel from the front (Digital controlled handwheel optional). A hold down clamp for workpieces is standard. The 120 mm dust extraction outlet for the mortiser is built in. The mortiser can be removed within seconds when surface or thickness planing.

FELDER

Surface - Thickness Planers

AD 6-31

AD 6-41



Do you expect your future Surface - Thickness Planer to provide precision and reliability?

.....then you must look at the FELDER AD models.

At FELDER we feel obligated to produce machines which are affordable, equipped to the latest technical standards, reliable and precise. Whether you choose planer width 310 mm (12") or 410 mm (16") depends on your requirements. In either case you will get the right Surface - Thickness Planer, to satisfy your needs.

The tiltable Precision-Fence

The new planer fence can be utilized along the whole planer width. The fence is clamped to the table with an eccentric quick-action-clamp. In addition to the normal adjustment the planer fence features a micro adjustment for special applications. For edging and bevel work you can tilt the fence between 90° and 45°. Stops for 90° and 45° are fitted in the precise tilting mechanism.





The FELDER-System-Cutterblock

Depending on your application you are able to equip the FELDER Surface - Thickness Planers with a 2 or 4 knife cutterblock. The main advantages of this cutterblock compared to conventional ones are:

- replacing the knife in less than two minutes
- no knife adjustment necessary, self-setting-system
- no resin build up on clamping screws
- low noise level
- knife edges last longer
- better value for money



Thickness Planing

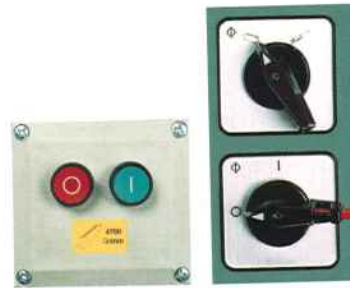
You can change from jointing/surface planing to thickening in a few seconds. It is extremely easy to open up the solid cast surface planer tables with the aid of the large Gas-springs. The large and solid single column guiding of the thickener table guarantees a precise and parallel cutting result. The height of the thickener table can be adjusted continuously from 4 - 220 mm (1/6 - 9") with the aid of a digital controlled handwheel, which provides an accuracy of 0.05 mm (0.002").



Surface Planing and the Dust- and Chip Extraction

The depth of cut can be adjusted continuously between 0 - 5 mm. Both the infeed and the outfeed tables are mounted on very robust rise/fall guideways which guarantees long term accuracy.

Another advantage of the FELDER AD 6 series Planer - Thicknessers is the ease of using a dust collector. The aerodynamically perfect design Chip- and Dust-extraction hood guarantees that the dust emission stays below 2 mg/m³ air if a suitable dust collector is used. Therefore the FELDER Planer - Thicknessers comply even to the toughest dust emission regulations in force around the world.



The Electrical and Drive System

The motors and all electrical parts are from well known European manufacturers. This is, beside the large dimensioning of these parts, the reason for the reliability of the electrics of all FELDER machines. The switches are ergonomically positioned and easy to use. The main switch, which can be locked, On - Off switches at each work place and a selector switch for forward and reverse run (mortiser unit) are features which increase the operating safety.

Surface-Thickness-Planer	AD 6-31	AD 6-41	Optional Equipment Mortising:	AD 6-31	AD 6-41
Circle of Cut	Ø 90 mm	Ø 90 mm	Double jawed chuck,		
Number of Knives (•)	2(4)	2(4)	forward and reverse run •	0-16 mm	0-16 mm
Cutterhead Speed	4700 rpm	4700 rpm	Mortiser Table, Ball Bearings,		
Maximum Depth of Cut	5 mm	5 mm	One hand operation •		
Surfacing Width	310 mm (12")	410 mm (16")	Mortise Length, max.	250 mm	250 mm
Total Table Length (•)	1350 mm (2350)	1680 mm (2680)	Mortise Depth, max.	150 mm	150 mm
Surfacer Tables with Gas-springs	-	yes	Range of Height Adjustment	110 mm	110 mm
Thickening Width	304 mm	404 mm	Dimensions and Weight		
Thickening Height	4-220 mm	4-220 mm Syn-	Total Height	883 mm	883 mm
chronised Feedspeed	6.5 m/min	6.5 m/min	Shipping Width, min.	600 mm	700 mm
Variable Feedspeed •	-	4-14 m/min	Weight Net/Gross	320 kg / 380 kg	410 kg / 510 kg
Dust Extraction Connection	Ø 120 mm	Ø 120 mm	Packing Dimensions		
Electrical Equipment			Length x Width x Height mm	1470 x 1160 x 1520	1470 x 1160 x 1520
Number of Motors (•)	1	1(2)			
Motor Power 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)	2.2 kW (3.0 HP)			
Optional Electrical Equipment					
Motor Power 3 x 380 V, 50/60 Hz •	3.0 kW (4.0 HP)	3.0 kW (4.0 HP)			
Motor Power 3 x 380 V, 50/60 Hz •	-	4.0 kW (5.5 HP)			
Motor Power 1 x 220 V, 50/60 Hz •	2.0 kW (2.8 HP)	2.0 kW (2.8 HP)			
Motor Power 3 x 220 V, 50/60 Hz •	2.2 kW (3.0 HP)	2.2 kW (3.0 HP)			
Motor Power 3 x 220 V, 50/60 Hz •	3.0 kW (4.0 HP)	3.0 kW (4.0 HP)			
Motor Power Variable Gear Box •	-	0.4 kW (0.5 PS)			

All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

FELDER

The Circular Saw - Spindle Moulder/Shaper

KFS-37



The Circular Saw - Spindle Moulder/Shaper

Trimming, ripping along the saw fence, mitre cuts with the tilting sawblade, sizing, double-mitre and length cuts with the Format-Sliding-Table, rebating, profiling at different angles, counter profiling, panel raising, mitre glue joint cutting, slotting and tenoning, inset cutting, curved and copy work, grooving and finger jointing are only a few of the working routines you are able to carry out on the FELDER Saw-Spindle Moulders/Shapers. Your choice of KFS 37 or KFS 37 FL depends on your required length of sliding table. In either case you will get the right machine to satisfy your needs.

The philosophy "everything from one supplier" from the development to the assembly makes the FELDER KFS series extremely good value for money.

Circular Saw	KFS-37	Optional Electrical Equipment	
Spindle Diameter	Ø 30 mm	Motor Power 3 x 380 V, 50/60 Hz •	3.0 kW (4.0 HP)
Speed	4700 rpm	Motor Power 3 x 380 V, 50/60 Hz •	4.0 kW (5.5 HP)
Diameter Sawblade	250-315 mm (10 - 12")	Motor Power 1 x 220 V, 50/60 Hz •	2.0 kW (2.8 HP)
Depth of Cut, max.	92 mm (104 mm) (4")	Motor Power 3 x 220 V, 50/60 Hz •	2.2 kW (3.0 HP)
Cutting Width, continuously (•)	0-750 mm, 30" (1240 mm, 49")	Motor Power 3 x 220 V, 50/60 Hz •	3.0 kW (4.0HP)
Sawblade Tilt Mechanism	90°-45°		
Size of Sawtable (•)	1020 x 810 mm (2020 x 1240)	Optional Equipment Mortising:	
Optional Scoring Unit •	yes	Mortiser Motor 3 x 380 V, 50 Hz •	2.2 kW (3.0 HP)
		Speed (forward and reverse)	2880 rpm
Spindle Moulder/Shaper		Double jawed chuck •	0-16 mm
Spindle Diameter	Ø 30 mm (1 1/4")	Mortiser Table, Ball Bearings, One hand operation •	
Optional Spindles •	Ø 25/40/50 mm (1", 1 1/2")	Mortise Length, max.	250 mm
Speeds	3700, 6500, 7800 rpm	Mortise Depth, max.	150 mm
Router Spindle •	15.000 rpm	Range of Height Adjustment	110 mm
Optional Collets •	6, 8, 9.5, 10, 11, 12, 13, 14, 16 mm (1/4", 3/8", 1/2")	Dimensions and Weights	
Diameter Tool, max.	320 mm (12")	Total Height	883 mm
Moulder Tilt Mechanism	90° - 45°	Shipping Width, min.	800 mm
		Weight Net/Gross	450 kg / 510 kg
Sliding Table		Packing Dimensions	
Cutting Length (•)	1240 mm, 49" (1750 mm, 68")	Length x Width x Height	1470 x 1160 x 1520 mm
Optional Outrigger Support Table with Roller •	800 x 500 mm (32 x 20")		
Electrical Equipment			
Number of Motors (•)	2 (3)		
Motor Power 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)		

All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

The Circular Saw - Spindle Moulder/Shaper **KFS-37 FL**



Circular Saw	KFS-37 FL	Optional Electrical Equipment	KFS-37 FL
Spindle Diameter	Ø 30 mm	Motor Power 3 x 380 V, 50/60 Hz •	3.0 kW (4.0 HP)
Speed	4700 rpm	Motor Power 3 x 380 V, 50/60 Hz •	4.0 kW (5.5 HP)
Diameter Sawblade	250-315 mm (10 - 12")	Motor Power 1 x 220 V, 50/60 Hz •	2.0 kW (2.8 HP)
Depth of Cut, max.	92 mm (104 mm) (4")	Motor Power 3 x 220 V, 50/60 Hz •	2.2 kW (3.0 HP)
Cutting Width, continuously (•)	0-750 mm, 30" (1240 mm, 49")	Motor Power 3 x 220 V, 50/60 Hz •	3.0 kW (4.0 HP)
Sawblade Tilt Mechanism	90°-45°		
Size of Sawtable (•)	1020 x 810 mm (2020 x 1240)	Optional Equipment Mortising:	
Optional Scoring Unit •	yes	Mortiser Motor 3 x 380 V, 50 Hz •	2.2 kW (3.0 HP)
		Speed (forward and reverse)	2880 rpm
Spindle Moulder/Shaper		Double jawed chuck •	0-16 mm
Spindle Diameter	Ø 30 mm (1 1/4")	Mortiser Table, Ball Bearings, One hand operation •	
Optional Spindles •	Ø 25/40/50 mm (1", 1 1/2")	Mortise Length, max.	250 mm
Speeds	3700, 6500, 7800 rpm	Mortise Depth, max.	150 mm
Router Spindle •	15.000 rpm	Range of Height Adjustment	110 mm
Optional Collets •	6, 8, 9.5, 10, 11, 12, 13, 14, 16 mm (1/4", 3/8", 1/2")	Dimensions and Weights	
Diameter Tool, max.	320 mm (12")	Total Height	883 mm
Moulder Tilt Mechanism	90° - 45°	Shipping Width, min.	800 mm
		Weight Net/Gross	550 kg / 610 kg
Sliding Table		Packing Dimensions	
Cutting Length (•)	2450 mm, 8 ft (3200 mm, 10.5 ft)	Length x Width x Height	2100 x 1500 x 1680 mm
Optional Outrigger Support Table with Roller •	800 x 500 mm (32 x 20")		
Electrical Equipment			
Number of Motors (•)	2 (3)		
Motor Power 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)		

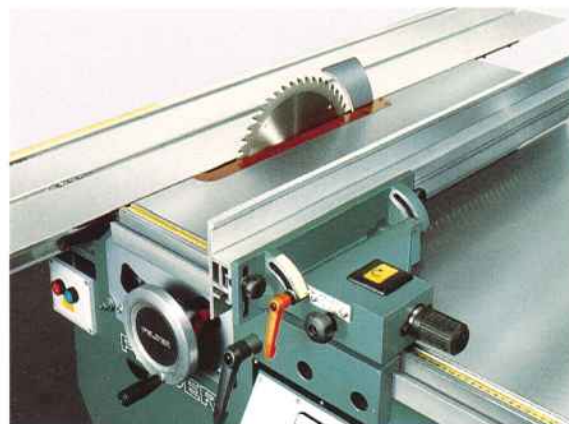
All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

FELDER



Trimming

An important factor to achieve accurate trimming cuts is the supporting surface of the sliding table, or in other words the relation between table length and cutting length. The FELDER-Format-Sliding-Tables offer you a supporting surface for the workpiece which is as long as the cutting length itself. Under this condition you are able to carry out trimming and sizing cuts safely and very accurately.



Rip Cuts with the Micro Adjustable Precision-Fence

For ripping of narrow workpiece along the Precision-Rip Fence you are able to move the fence plate from the upright-position (150 mm) (6") to the flat-position. This enables you to feed narrow workpieces safely and prevents the sawblade from interfering with the fence plate during mitre cuts.



The Outrigger Table

The outrigger table with its solid design combined with the Format-Sliding -Table provides a large supporting surface to enable you to cut standard sized boards without additional help. Depending on the working routine the outrigger table can be used in the front (sizing cuts) or in the rear position (format cuts). A roller at the end of the table guarantees the operator that valuable workpiece surfaces will not be scratched.



The Scoring Unit

Use of a scoring unit prevents chipping on laminated panels. The FELDER unit incorporates a split blade that runs with 15000 rpm in opposite direction to the sawblade. It is driven by a separate motor and features external height and lateral adjustment for ease and precision.



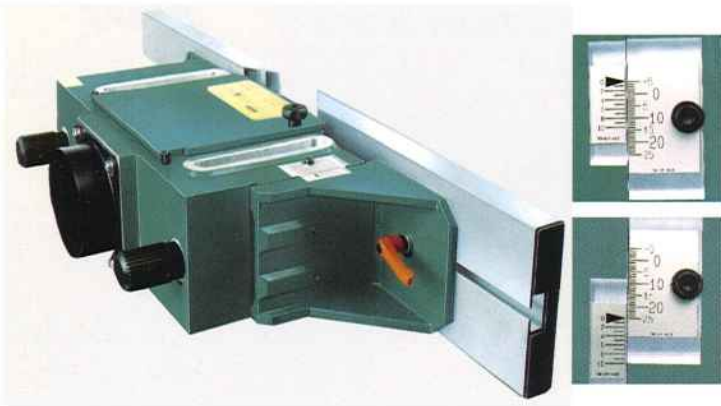
Optional Mortiser

On request the FELDER KFS series can also be equipped with a mortiser. The mortising bits are held by a 2-jaw chuck (suitable for forward and reverse run) with a clamping range from 0-16 mm. The mortiser table is operated with a single lever and runs on special ball bearings without play. Special cleaners ensure a clean guiding track and a jerk free operation. Stops for mortise length, depth and width are standard. The height is adjusted with a handwheel from the front (Digital controlled handwheel optional). A hold down clamp for workpieces is standard. The 120 mm dust extraction outlet for the mortiser is built in.



Height and Angle Adjustment of the Sawblade

The height of the saw unit is adjusted continuously with a geared trapezoidal spindle along a solid dovetail guideway. The advantage of this system compared to a simple adjustment with a lever is that for grooving work you are able to adjust the sawblade precisely. The angle can be adjusted continuously from 90° to 45°. During tilting, the sawblade remains in the table-zero-position which ensures that the sawblade stays in line. The adjustments can be carried out with the standard handwheels or with optional digital controlled handwheels.



The Power Feed

Power feeds are very useful accessories for spindle moulder/shaper work as well as for rip cuts to improve accuracy and operator safety. On FELDER machines the question "what happens when I don't need the power feed" is answered. The power feed mounts on a hinged bracket which enables it to be moved out of the way, below the table, within seconds.



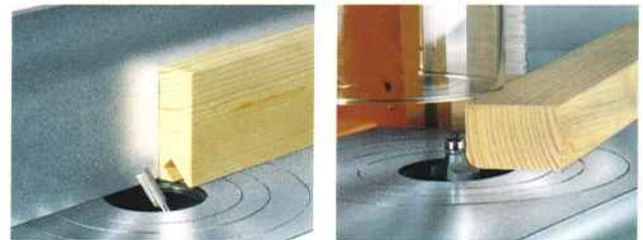
The FELDER Spindle Moulder/Shaper Fence "240" and the Multi Function System

The Multi Function System which is offered as an option on the "240" fence provides 4 main

advantages compared to common spindle moulder/shaper fences;

- repetition setting of the shaper fence due to locating points in the table
- parallel guiding of the fence
- quick micro adjustment of the fence to suit the specific tooling diameter
- scale to adjust depth and circle of cut

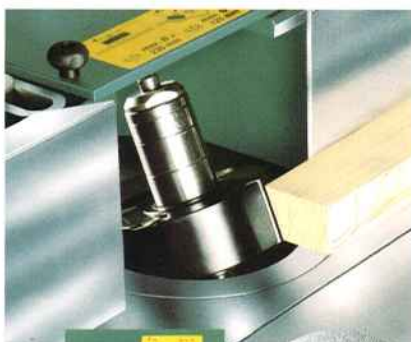
The outfeed fence plate is micro adjustable from -5 mm to +25 mm and the fence can therefore be used for forward and reverse run of the spindle.



The FELDER-Quick-Change-System and the Height and Angle Adjustment for Moulder/Shaper Spindle

The height and angle adjustment can be carried out with the standard handwheels or with optional digital controlled handwheels. The spindle tilt "Backward" provides great operating convenience.

FELDER machines feature a Quick-Change-System on the spindle. This system with different spindle diameters guarantees a wider range of tool utilization. For series production, different heads can be mounted on additional spindles and used very quickly and efficiently. Another advantage of the FELDER-Quick-Change-System is that it enables the use of a special router spindle. The speed of 15.000 rpm is suitable for all router bits and ensures a precise and very clean cut. Special moulding/shaping routines like edge trimming, finger jointing, copy cutting, cutting of small workpieces or special materials are no problem with the FELDER-High-Speed-Spindle.



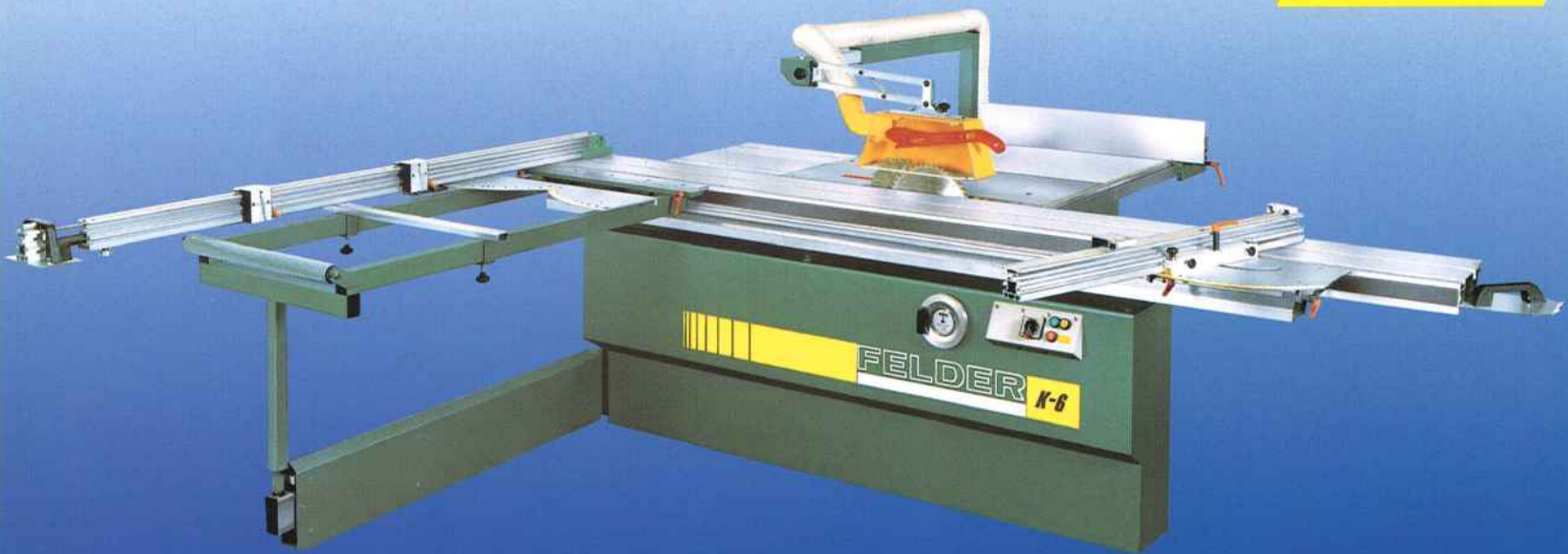
FELDER

The Precision Saw

K-37

The Panel Saw

K-6



The Precision Saw K 37

More and more professionals require, for certain applications, compact but very precise panel saws. Additional demands are best possible versatility, minimum change over times and great operating convenience. Since different people are usually working on these "smaller saws" maximum stability is required as well. The FELDER precision saw K 37 meets all these demands and offers you even more. The standard Format-Sliding-Table is an essential feature providing many advantages also when cutting small sections of timber. All necessary mitre cuts can be carried out using the mitre (doublemitre) adjustment on the fences and the sawblade.

The Panel Saw K-6

What the K 37 offers for small workpieces the K-6 will do for large sheets. Your choice of cutting length depends on your requirements. In either case you will get the right machine to satisfy your needs. The superior quality of this machine will quickly pay for itself in increased productivity and improved operating convenience. The following pictures of working routines illustrate the versatility of the FELDER Panel Saw K-6. It has never been FELDER's philosophy to compromise. Therefore for every FELDER machine the specific requirements of each customer are taken into account and then the concept, construction and equipment of the machine is made to suit the individual user.

The Double-Mitre-System and the Crosscut Fence

What you would buy as an expensive accessory elsewhere is standard on FELDER machines. This includes the Double-Mitre-System which provides continuous and precise adjustment of the crosscut fence between -45° and $+45^\circ$ with the help of a large readout. A 90° stop is standard. The length stop can easily be moved and fixed and guarantees, due to the magnifying glass, accurate adjustment and read out of any required cutting length.





Trimming

The first cut is the most important one. It determines the accuracy for all future operations. With the extremely solid and rigid FELDER-Format-Sliding-Table you can carry out very accurate and precise trimming and sizing cuts.



The Scoring Unit

Use of a scoring unit prevents chipping on laminated panels. The FELDER unit incorporates a split blade that runs with 15000 rpm in opposite direction to the sawblade. It is driven by a separate motor and features external height and lateral adjustment for ease and precision.

The Outrigger Table

The outrigger table, with its solid design, combined with the Format-Sliding-Table provides a large supporting surface to enable you to cut standard sized boards without additional help. A roller at the end of the table ensures that valuable workpiece surfaces will not be scratched by the operator.

The Precision-Fence with Micro Adjustment

Has a roller bearing to position the fence accurately along the saw table with the aid of a micro adjustment. With the tiltable saw fence you are able to carry out special working routines (see picture). The double tracking of the plate guiding and the height of the fence plate (150 mm) (6") guarantee for precision rip cuts even when using heavy workpieces.



For ripping of narrow workpiece along the Precision-Rip Fence you are able to move the fence plate from the upright-position to the flat-position. This prevents the sawblade from interfering with the fence plate during mitre cuts.



Height and Angle Adjustment of the Sawblade

The height of the saw unit is adjusted continuously with a geared trapezoidal spindle along a solid dovetail guideway. The advantage of this system compared to a simple adjustment with a lever is that for grooving work you are able to adjust the sawblade precisely. The angle can be adjusted continuously from 90° to 45°. During tilting, the sawblade remains in the table-zero-position which ensures that the sawblade stays in line. The adjustments can be carried out with the standard handwheels or with optional digital controlled handwheels.

Circular Saw	K-37	K-6
Spindle Diameter	Ø 30 mm	Ø 30 mm
Speed	4700 rpm	4700 rpm
Diameter Sawblade	250-315 mm (10-12")	250-315 mm (10-12")
Depth of Cut, max.	92 mm (104 mm, 4")	92 mm (104 mm, 4")
Cutting Width, continuously (•)	0-740 mm, 30" (1240 mm, 49")	0-740 mm, 30" (1240 mm, 49")
Sawblade Tilt Mechanism	90°-45°	90°-45°
Size of Saw Table (•)	1020 x 810 mm (2020 x 1240 mm)	1025 x 1060 mm (2025 x 2060 mm)
Sliding Table		
Cutting Length (•)	1240 mm, 49" (1750 mm, 68")	2540 mm, 8 ft (2800 mm, 9 ft / 3200 mm, 10.5 ft)
Outrigger Support Table with Roller •	800 x 500 mm (32 x 20")	1420 x 500 mm (56 x 20")
Electrical Equipment		
Number of Motors (•)	1 (2)	1 (2)
Motor Power 3 x 380 V, 50 Hz	2.2 kW (3.0 HP)	2.2 kW (3.0 HP)
Optional Electrical Equipment •		
Motor Power 3 x 380 V, 50/60 Hz	3.0 kW (4.0 HP)	3.0 kW (4.0 HP)
Motor Power 3 x 380 V, 50/60 Hz	4.0 kW (5.5 HP)	4.0 kW (5.5 HP)
Motor Power 1 x 220 V, 50/60 Hz	2.0 kW (2.8 HP)	2.0 kW (2.8 HP)
Motor Power 3 x 220 V, 50/60 Hz	2.2 kW (3.0 HP)	2.2 kW (3.0 HP)
Motor Power 3 x 220 V, 50/60 Hz	3.0 kW (4.0 HP)	3.0 kW (4.0 HP)
Dimensions and Weights		
Total Height	883 mm	883 mm
Shipping Width, min.	800 mm	900 mm
Weight Net/Gross	400 kg / 470 kg	805 kg / 885 kg
Packing Dimensions		
Length x Width x Height	1470 x 1160 x 1520 mm	2380 x 1500 x 1730 mm
All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.		

FELDER

Tilting Spindle Moulder/Shaper

F-38



Tilting Spindle Moulder/Shaper F 38

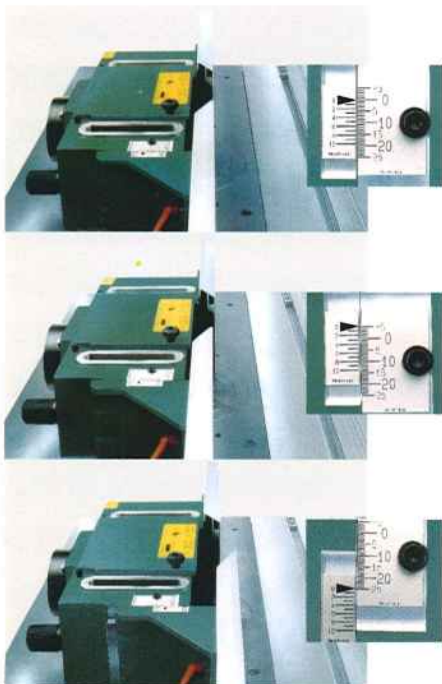
Rebating, profiling at different angles, counter profiling, panel raising, mitre glue joint cutting, slotting and tenoning, inset cutting, curved and copy work, grooving and finger jointing are only a few of the working routines you are able to carry out on the FELDER F 38 Spindle Moulders/Shapers. The demands of modern professional woodworkers for:

- high quality and precision
- best possible versatility
- ease of use
- minimum set up times
- best value for money

are met completely by the tilting Spindle Moulder/Shaper F 38

The construction principle of a rigid chassis with the main parts in cast iron, electronically balanced spindles, balanced drive components and a very precise linear guiding system for the sliding table combine to create an extremely accurate and smooth running machine.

The philosophy "everything from one supplier" from the development to the assembly makes the FELDER F 38 extremely good value for money.



FELDER Spindle Moulder/Shaper Fence "240"

The outfeed fence plate is micro adjustable from -5 mm to +25 mm. Anodised fence plates are available as an option. The fence has a parallel guiding with a micro adjustment.

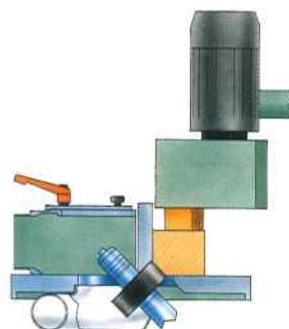


Spindle Tilt "Forward"

Main operating disadvantages

This tilt direction is favoured on more simple design machines because of its easier construction principle. The inherent disadvantages are:

- increased risk of an accident
- limited work piece height
- use of power feed not possible
- increased vibration and less accuracy due to use of a higher tooling position
- efficient chip and dust extraction impossible



Spindle Tilt "Backward"

Providing great operating convenience

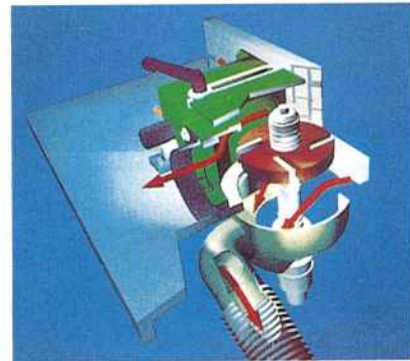
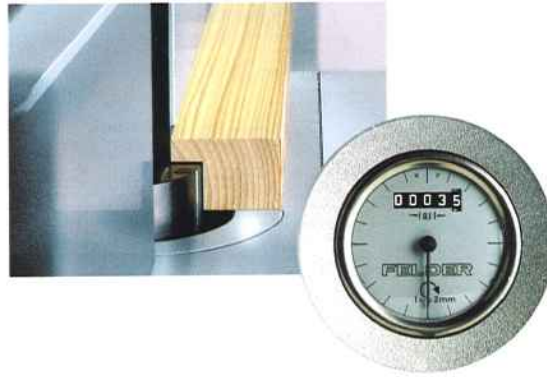
The FELDER Saw-Spindle Moulders/Shapers tilt the spindle backwards which creates the following advantages for you:

- less risk of accidents as the workpiece covers the tool completely
- any workpiece height possible
- problem free use of a power feed
- lower spindle bearing pressure which reduces vibration and increases accuracy
- best possible dust extraction due to the double extraction



Slotting and Tenoning

The Format-Sliding-Table with the FELDER-Guiding-System and the robust bearing system of the spindle allows the use of large slot and tenon cutters with best possible accuracy. The adjustable tenoning plate, the eccentric hold down clamp and the safety and chip hood for tool diameters up to 320 mm (13") guarantee effortless working.



The Dual Dust Extraction

The double extraction from the fence and below the table combined with the use of aerodynamically designed collectors guarantees that the dust emission stays below 2 mg/m³ if a suitable dust extractor is used. Therefore the F38 complies to even the toughest dust emission regulations in force around the world.

Height and Angle Adjustment for Moulder/Shaper Spindle

The height and angle adjustment is carried out with digital controlled handwheels providing an accuracy of 0.05 mm (0.002").

Spindle Moulder/Shaper

Spindle Diameter

Optional Spindles •

Speeds

Router Spindle •

Optional Collets •

Diameter Tool, max.

Moulder Tilt Mechanism

Table Size

Extended Table Size •

F-38

Ø 30 mm (1 1/4")

Ø 25/40/50 mm (1", 1 1/2")

3700, 6500, 7800 rpm

15.000 rpm

6, 8, 9.5, 10, 11, 12, 13, 14, 16 mm (1/4", 3/8", 1/2")

320 mm (12")

90° - 45°

980 x 770 mm

1980 x 1270 mm

Slot and Tenon Sliding Table:

Table Stroke

Supporting Table extensible, max.

1240 mm

980 x 820 mm

Electrical Equipment

Number of Motors

Motor Power

Optional Electrical Equipment

Motor Power 3 x 380 V, 50/60 Hz •

Motor Power 1 x 220 V, 50/60 Hz •

Motor Power 3 x 220 V, 50/60 Hz •

1

2.2 kW (3.0 HP), 3 x 380 V, 50 /60 Hz

3.0 kW (4.0 HP) and 4.0 kW (5.5HP)

2.0 kW (2.8HP)

2.2 kW (3.0 HP) and 3.0 kW (4.0 HP)

Dimensions and Weights

Total Height

Shipping Width, min.

Weight Net / Gross

883 mm

750 mm

406 kg / 460 kg

Packing Dimensions

Length x Width x Height

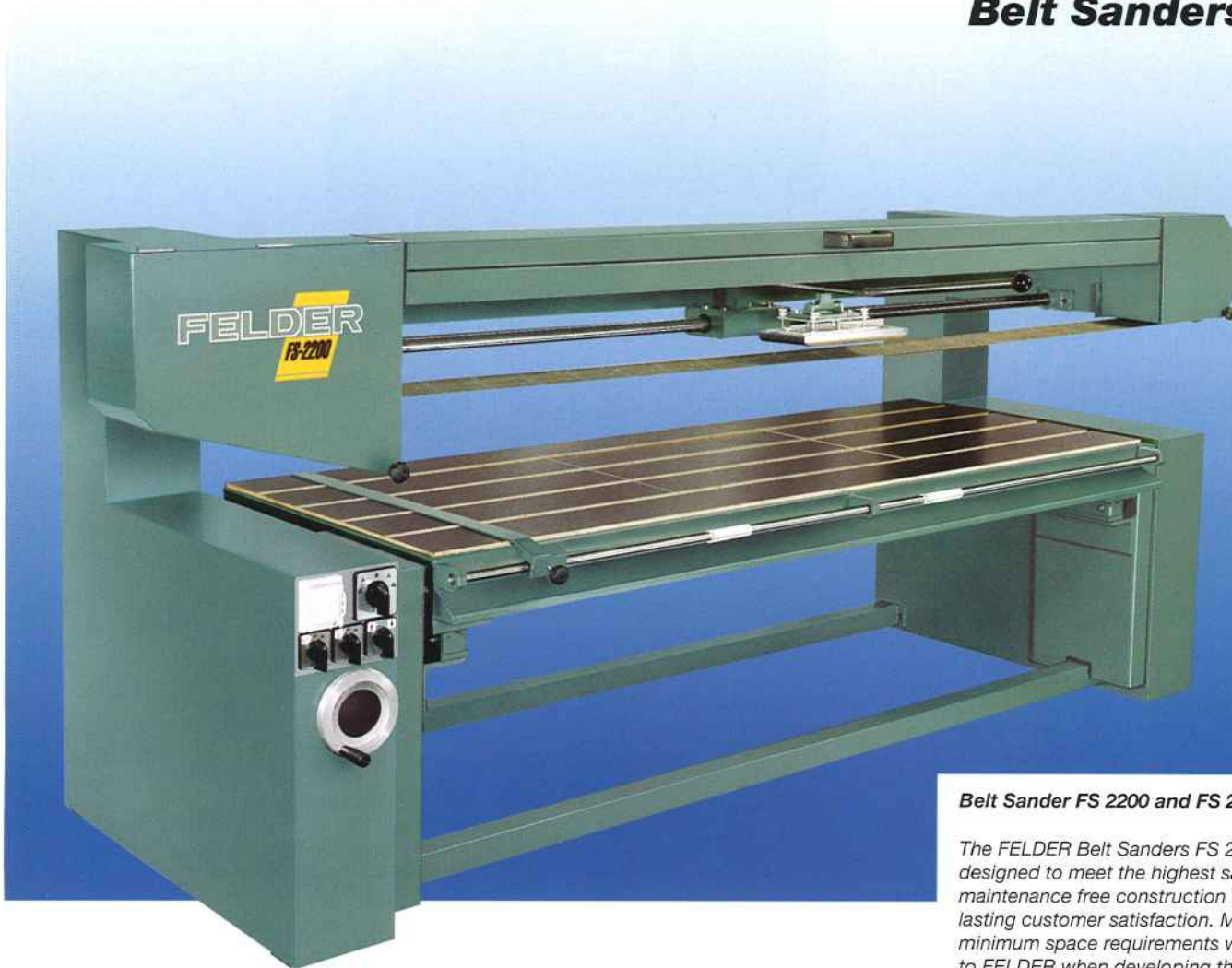
1470 x 1160 x 1520 mm

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FELDER

Belt Sanders **FS-2200**

FS-2800



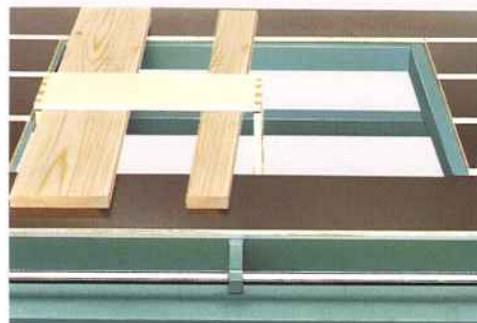
Belt Sander FS 2200 and FS 2800

The FELDER Belt Sanders FS 2200 and FS 2800 were designed to meet the highest sanding demands. The solid, maintenance free construction is this machine's key to long lasting customer satisfaction. Maximum performance with minimum space requirements was one of the key objectives to FELDER when developing the machine. The aid of the latest technology and efficient series production enables FELDER to offer these sanders for very competitive prices and with features not found on competitors machines.



The Throated Machine Chassis

The machine chassis of the FELDER Belt Sanders has a large depth of throat. You can therefore also sand extremely long workpieces without problems.

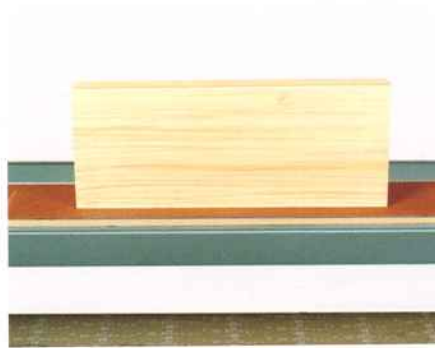
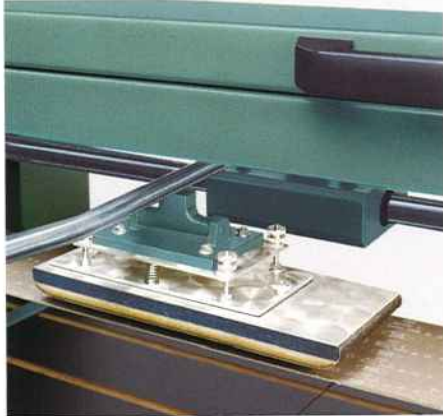


Sanding of Frames

The sanding table of the FELDER Belt Sanders has a removable middle section. This enables the sanding of frames and drawers.

Professional Sanding Shoe

The sanding shoe has an asymmetrical suspension with 4 adjustable supporting points and guarantees perfect surface sanding results.



Standard Equipment

Upper Sanding Surface
Adjustable Stop for the Table
Large, electronically balanced Band Rollers provide a smoother run and therefore an excellent sanding result.



Lighting of the Working Area

As an option you are able to equip the FELDER FS 2200 and the FS 2800 with a dazzle free lighting facility.

Electrical Table Height Adjustment

For improved operating convenience. The optional height adjustment of the sanding table by means of a motor enables adjustment to the required height in a few seconds.



Sanding Table, Ball Bearings:

Table Size, Length x Width

Table Height Adjustment

Frame Sanding, Length x Width

Frame Sanding Height, max.

Belt Length

Belt Width

Belt Rollers Ø

Belt Speed

FS-2200

2200 x 800 mm

300 mm

500 x 700 mm

600 mm

6300 mm

150 mm

250 mm

19 m/sec.

FS-2800

2800 x 800 mm

300 mm

500 x 700 mm

600 mm

7550 mm

150 mm

250 mm

19 m/sec.

Electrical Equipment

Number of Motors (*)

Motor Power 3 x 380 V, 50/60 Hz

1 (2)

3,0 kW (4,0 HP)

1 (2)

3,0 kW (4,0 HP)

Optional Electrical Equipment •

Motor Power 3 x 220 V, 50/60 Hz

Motor Power 1 x 220 V, 50/60 Hz

Height Adjustment Motor

3,0 kW (4,0 HP)

2,2 kW (3,0 HP)

0,37 kW

3,0 kW (4,0 HP)

2,2 kW (3,0 HP)

0,37 kW

Dimensions and Weights

Total Height

Shipping Width, min.

Weight Net/Gross

1290 mm

700 mm

350 kg / 390 kg

1290 mm

700 mm

450 kg / 490 kg

Packing Dimensions

Length x Width x Height

1470 x 1160 x 1590 mm

2200 x 1200 x 400 mm

1470 x 1160 x 1590 mm

3000 x 1200 x 400 mm

All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

FELDER

Edge Sander **FS-900 K**

FS-900 KF



The FELDER Edge Sander FS 900 and FS 900 KF

The usual high standards which FELDER applies to all woodworking machines are also valid for the Edge Sanders FS 900 and FS 900 KF with oscillating sanding belt.

Two machines two different applications:

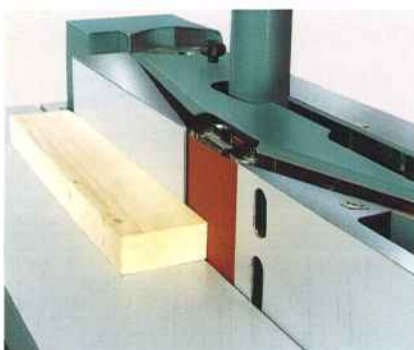
The FELDER FS 900 as an oscillating edge sander for all types of solid wood and curves.

The FELDER FS 900 KF as an oscillating edge sander with the additional facility to sand veneers.



Sanding Belt Oscillation

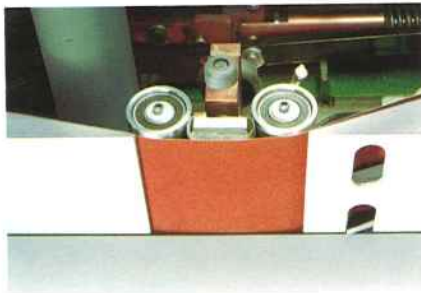
All FELDER Edge Sanders feature an oscillation of the belt, which can be activated or deactivated on request, as standard equipment. The belt is oscillated by means of a solid mechanical (not pneumatic) gear box with a solid column guiding. This means pneumatic connections are not necessary. The belt oscillation provides a tremendously smooth sanding result, the sanding belt is utilized better and the dust doesn't stick to the belt easily.



Tilting Table

For mitre sanding the table can be tilted 45° upwards. The adjusted angle is shown on a large scale. The table tilt upwards doesn't limit the workpiece width.

The veneer sanding table on the FS 900 KF is tilted the same way as on the FS 900.



Veneer Sanding Device

The FELDER FS 900 KF features an additional facility to sand veneers. The fence can be adjusted from 0 - 5 mm. A spring loaded contact sanding shoe guarantees a precise veneer sanding result.



Power Feed

A Power Feed can be mounted on the FS 900 KF as optional equipment. This enables continuous sanding and increases the accuracy especially on long edges.



Optional Table Extension

The telescopic roller table extension provides additional support for large workpieces.



Rolling Carriage

In order to be able to utilize the FELDER FS 900 and FS 900 KF to their full extent in small rooms the retrofitable rolling carriage is offered as an option.



Dust Extraction Connection

FELDER Edge Sanders feature extraction to both belt rollers as standard equipment. If a suitable dust extractor is used the dust emission stays below 2 mg/m³ air.



Optional Curved Sanding Table/Sanding Rollers

Very small radius with rollers from Ø 15 mm to Ø 120 mm can be sanded on the curved sanding table with dust extraction.

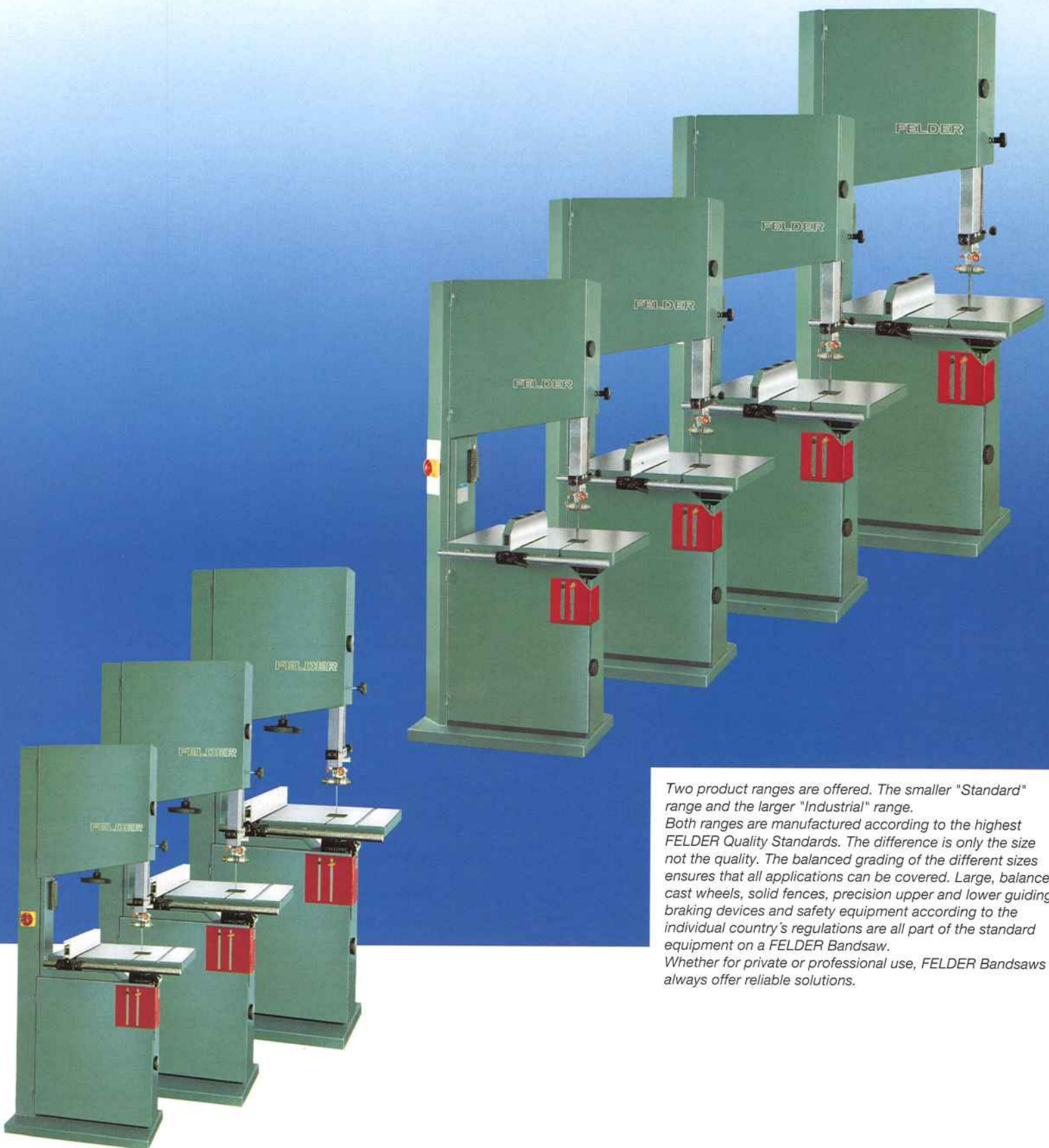


	FS-900 K	FS-900 KF
Sanding Table		
Table Size, Length x Width (•)	1450 x 220 mm (650)	1450 x 220 mm (650)
Table Height Adjustment		
Table Tilting according to scale	150 mm 90°-45°	150 mm 90°-45°
Oscillation		
Veneer Sanding Device	yes	yes
Belt Length	-	yes
Belt Width	2200 mm	2200 mm
Belt Rollers Ø	150 mm	150 mm
Belt Speed	80 / 160 mm 12 m/sec.	80 / 160 mm 12 m/sec.
Electrical Equipment		
Number of Motors (•)	2	2
Motor Power 3 x 380 V, 50/60 Hz	3,0 kW (4,0 HP)	3,0 kW (4,0 HP)
Optional Electrical Equipment •		
Motor Power 3 x 220 V, 50/60 Hz	3,0 kW (4,0 HP)	3,0 kW (4,0 HP)
Dimensions and Weights		
Total Height	1390 mm	1390 mm
Shipping Width, min.	750 mm	750 mm
Weight Net/Gross	140 kg / 190 kg	180 kg / 230 kg
Packing Dimensions		
Length x Width x Height	1470 x 1160 x 1590 mm	1470 x 1160 x 1590 mm

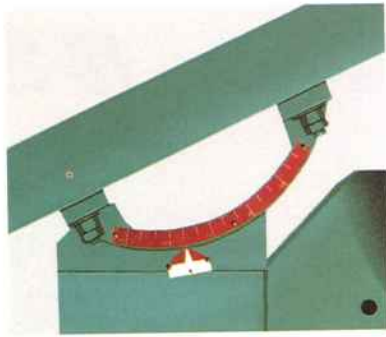
All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

FELDER

Bandsaw "Standard" and "Industrial"

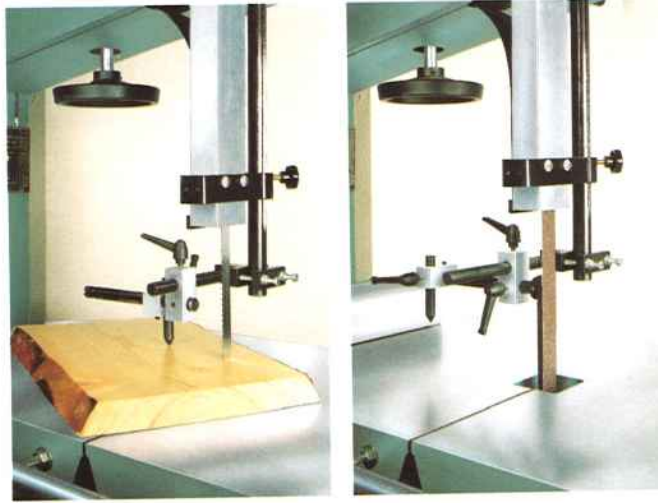


Two product ranges are offered. The smaller "Standard" range and the larger "Industrial" range. Both ranges are manufactured according to the highest FELDER Quality Standards. The difference is only the size not the quality. The balanced grading of the different sizes ensures that all applications can be covered. Large, balanced cast wheels, solid fences, precision upper and lower guidings, braking devices and safety equipment according to the individual country's regulations are all part of the standard equipment on a FELDER Bandsaw. Whether for private or professional use, FELDER Bandsaws always offer reliable solutions.



Tilting Table

The tilting table made of cast iron is a useful feature and enhances the machine's versatility.



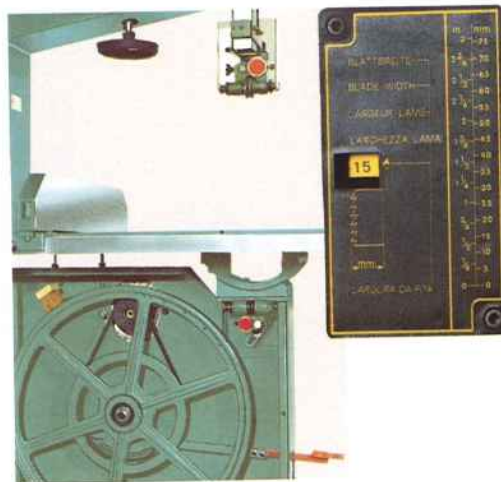
Circle Cutting and Sanding Device

Is offered as optional equipment on all FELDER Bandsaws and can be mounted very quickly and easily.



Dust Extraction Connections

FELDER Bandsaws feature extraction cowlings. If a suitable dust extractor is used the dust emission stays below 2 mg/m³ air. Therefore the FELDER Bandsaws like all other FELDER machines comply to even the toughest dust emission regulations in force around the world.



Blade Tension Scale

The scale for the blade tension is standard on all FELDER bandsaws. With this read out you are able to adjust the tension precisely according to the width of the blade used. This feature can mean up to a 300% increase in life of blades and wheel covers.

Bandsaws	FB-400	FB-500	FB-640	FB-740	FB-840
Wheel Ø	400 mm	500 mm	640 mm	740 mm	840 mm
Table Size, Length x Width	400 x 500 mm	490 x 640 mm	580 x 820 mm	1000 x 700 mm	1150 x 800 mm
Table Tilting	0°-30°	0°-30°	0°-30°	0°-30°	0°-30°
Cutting height	250 mm	280 mm	400 mm	470 mm	560 mm
Cutting Width	370 mm	460 mm	610 mm	710 mm	810 mm
Wheel Width	25 mm	30 mm	35 mm	40 mm	40 mm
Sawblade Length	3590 mm	4100 mm	4760 mm	5390 mm	6050 mm
Speed	980 U/min	960 U/min	800 U/min	715 U/min	630 U/min
Electrical Equipment					
Motor Power 3 x 380 V, 50/60 Hz	1.7 kW (2.3 HP)	1.9 kW (2.6 HP)	2.2 kW (3,0 HP)	3.0 kW (4.0 HP)	4.0 kW (5.5 HP)
Optional Electrical Equipment •					
Motor Power 3 x 220 V, 50/60 Hz	1.7 kW (2.3 HP)	1.9 kW (2.6 HP)	2.2 kW (3,0 HP)	3.0 kW (4.0 HP)	4.0 kW (5.5 HP)
Dimensions and Weights					
Total Height	1760 mm	1910 mm	2180 mm	2430 mm	2650 mm
Shipping Width, min.	500 mm	500 mm	500 mm	500 mm	500 mm
Weight Net / Gross	200 kg / 240 kg	240 kg / 280 kg	320 kg / 380 kg	510 kg / 570 kg	730 kg / 800 kg
Packing Dimensions					
Length x Width x Height	1860 x 500 x 850	2010 x 500 x 900	2240 x 500 x 1110	2530 x 620 x 1230	2750 x 630 x 1380

All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.

FELDER

Slot and Chisel Mortiser

FD-250



Horizontal Slot and Chisel Mortiser FD 250

The FELDER FD 250 is designed for slot, dowel and chisel mortising in solid hard and soft woods as well as in board material. The powerful motor enables the use of large bits and chisels. The mortiser unit runs on special bearings without play. The workpiece is clamped to the fixed table at the most suitable working height. Universal utilization for all mortise angles combined with the large supporting surface of the FD 250 are unique on the market. Features which are only found on professional machines are part of the equipment on the FELDER Slot and Chisel Mortiser FD 250. Let the following details convince you that the FELDER FD 250 is also the right choice for you.



Tilting Mortiser Unit

For angle mortising the mortiser unit can be tilted between +45° and -45°.



Optional Equipment for Chisel Mortising

Producing square slots is possible with the chisel mortiser unit. A tongue for slot and tenon joints needs no rounding over since the slot is chiseled "square". This saves time consuming hand work.



Optional Equipment Dowel Gauge
 4 different gaps of the dowel holes with 16 mm - 22 mm - 25 mm - 32 mm are available. Other sizes on request. Comfortable operation with buttons on the operating lever. The ergonomically correct positioning of operating elements ensures comfortable working.



Standard Equipment
 Eccentric hold down clamp for safe clamping of all workpieces. Double jawed chuck with clamping range from 0 - 20 mm.



Adjustable Table Surface
 The supporting surface of the table can be enlarged on 3 sides to accommodate large workpieces (e.g. doors). This enables you to clamp and process workpieces comfortably and without additional help.



Electrical Equipment
 Lockable Main Switch
 Overload Protection
 Forward - Reverse run for all possible bits and chisel variations.
 Powerful 2.2 kW (3HP) motor for heavy duty applications.



Rolling Carriage
 In order to be able to utilize the FELDER FD 250 to its full extent in small rooms the retrofitable rolling carriage is offered as an option.

Slot and Chisel Mortiser	FD-250
Table Size (•)	550 x 300 mm (1550 x 800 mm)
Mortiser Unit Tilting	+45° - -45°
Double jawed chuck	0-20 mm
Mortiser Unit, One hand operation	
Mortise Length max.	250 mm
Mortise Depth max.	160 mm
Range of Height Adjustment	130 mm
Chisel Unit •	
Chisel Length max.	250 mm
Chisel Depth max.	160 mm
Range of Height Adjustment	130 mm
Dowel Unit •	
Dowel hole gaps - Dowel gauge	16, 22, 25, 32 mm
Electrical Equipment	
Motor Power 3 x 380 V, 50/60 Hz	2.2 kW (3.0 PS)
Optional Electrical Equipment •	
Motor Power 3 x 220 V, 50/60 Hz	2.2 kW (3.0 PS)
Dimensions and Weights	
Total Height	800 mm
Shipping Width, min.	560 mm
Weight Net/Gross	220 kg / 250 kg
Packing Dimensions	
Length x Width x Height	800 x 1200 x 1200 mm
All technical data is subject to change without notice. Some pictures show optional equipment. The standard machine and safety equipment is shown in your country's price list. All features marked with • are optional.	

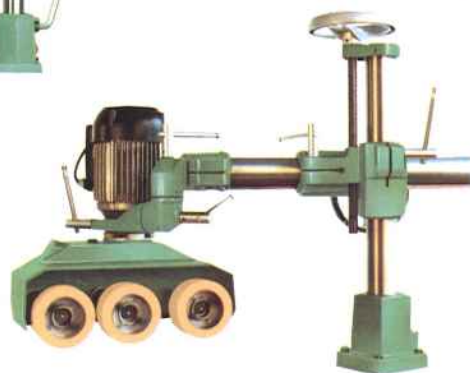
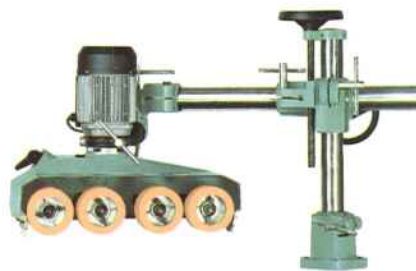
FELDER



Mobile Dust Extractors



*Stationary Dust Collectors
Dust Extractor Accessories, suitable to meet all specific country's regulations, can be found in the FELDER Accessory Catalogue.*



Power Feeds in different sizes and designs and suggestions for the optimum mounting on FELDER machines can be found in the FELDER Tool Catalogue.



Rolling Carriages and Turntables can be mounted on all FELDER machines. This means they can always be positioned and utilized perfectly regardless of whether the room is small or large.

FELDER

