

**FELDER**®

# K 740 S x-motion

## PERFECTION AT THE TOUCH OF A BUTTON



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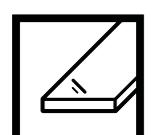
Perfection at the touch of a button



Solid wood



Panel material



Plastic



Imagine each cut being perfect from the very start, complex operations turning into child's play and your productivity reaching a new level. The FELDER K 740 S equipped with x-motion brings this vision to life. Discover the fusion of intelligent control and robust power - for woodworking that inspires.

The new FELDER K 740 S x-motion: more than just a sliding table saw - it's your reliable partner in achieving outstanding results and efficient production. Now is the time to switch to this new dimension in woodworking!



## K 740 S x-motion

- » Cutting length: 2500–3700 mm
- » X-Roll Format sliding table, 10 year guarantee
- » Rip capacity: 1250 mm
- » Cutting height: 140 mm
- » Control: x-motion

## K 740 S x-motion PCS

- » PCS® | Preventive Contact System safety device
- » Cutting length: 2500–3700 mm
- » X-Roll Format sliding table, 10 year guarantee
- » Rip capacity: 1250 mm
- » Cutting height: 140 mm
- » Control: x-motion

## 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 60 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-motion control with touch screen

Operation of the machine is carried out using a 10" colour touch screen. The control panel is mounted at eye level. All axes can be controlled using the control panel. The intuitive operation and the graphical display facilitate the operation of the machine. The control unit is also equipped with a USB interface and preparation for a network connection.



## Electronic rip fence

The electric motor positioned rip fence running on a maintenance free lineal guiding system with ball bearing bushings moves quickly and accurately to within a tenth of a millimeter of the entered cutting width. The rip fence can be tilted away at any point along the full rip length and guarantees perfect cuts with a maximum width of 1250 mm.



## Preventive Contact System

Serious accidents on sliding table saws are a thing of the past.

- » PCS detects accident hazards before contact with the saw blade.
- » PCS eliminates the hazardous situation in milliseconds.
- » PCS is 100% safe against damage to machine and saw blade.
- » PCS enables safe working with the saw blade.
- » PCS supports groove cuts.
- » PCS is ready to be used again at the push of a button.
- » PCS requires no additional maintenance and cleaning cycles.
- » PCS works without additional external energy sources and without external sensors or video systems.
- » PCS is resistant to dust and dirt.

PCS® does not replace any of the statutory protective devices. According to regulations, the machine must be operated with splitter and sawguard.

# Details



## Software package x-motion plus

Functions and cutting programs:

- » Wrong mitre
- » Mitre cuts
- » Rabbets
- » Grooves and notches
- » Angled cuts



## Efficiency meets operating comfort

The advanced circular saw unit with the patented tilt segment "Easy-Glide" impresses with a cutting height of 140 mm when using a Ø 400 mm saw blade. The electric scoring unit for scoring blades with a diameter of 120 mm can be used in combination with a Ø 350 mm saw blade.



## „Easy-Glide“ – 6 year guarantee!

The patented tilt segment "Easy-Glide" fulfills the highest requirements in businesses and industries. A precise, guided, doublesided support, guarantees maximum load bearing and tolerance free tilting and is absolutely maintenance free. A special, highly durable synthetic material situated in the guide of the tilting segment ensures extremely smooth movement and long-lasting precision. The tilting guide system, a synthetic material tried and tested in aerospace and lock construction, works without the requirement of lubrication and is totally resistant to dust. With a 6 year factory guarantee this Feller component offers reliability for many years to come.

**Circular saw shaft**

The electronically balanced saw arbor with dual bearing seat system is powered via a Poly-V belt. This combination results in an almost perfect transmission of power to the saw blade.

**Pneumatic workpiece holder**

- » Easy clamping of workpieces with maximum flexibility, can be used on all panel saws and spindle moulders that have a sliding table
- » Easy set up due to magnetic fittings
- » Safety cylinder ensures maximum working safety
- » Pressure bar function is possible with every sliding table length
- » Locking height 95 mm
- » Clamping force approx. 300 kg

**Scoring unit**

The electrically driven Ø 120 mm scoring saw blade ensures tear-free cuts and is perfect for materials with a surface that easily tears off. The scoring saw blade can be adjusted in height without clearance by means of easily accessible adjusting screws.

**Remote ON switch on sliding table**

For a convenient option we can equip your Felder 700 Series machine with start buttons for the main and scoring blades.

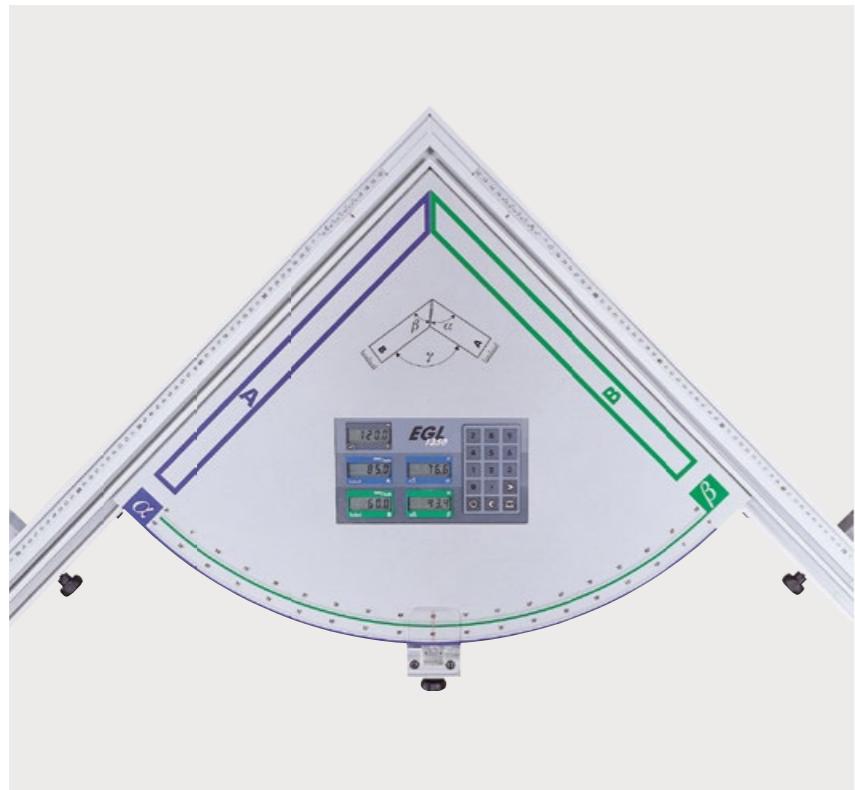
**X-Roll – Precision guiding system**

The continuously developed linear guiding system from Felder has been astounding woodworkers since 1990. The high quality format sliding table guiding technology "X-Roll" comes with a 10 year Felder guarantee and offers amazing operating smoothness and is completely maintenance free. The 'x' design of the position of the roller bearings ensures that they move smoothly along hardened guides.

**To use a grooving cutter "Dado cutter"**

The Felder 700 Series saw unit is fully compatible with dado tooling. Thanks to removable flanges and table insert, the Felder designed, fully adjustable dado cutters can be used.



**EGL 1350**

OUTSTANDING! The patented double mitre gauge from Felder allows for mitre cuts on pieces of differing widths and at any angle. Really easy to use: simply type in the desired angle as well as the widths of your workpieces on the keyboard. Immediately, you will receive the settings and can set the electronic double mitre gauge accordingly. The fence stop on the fence can be adjusted up to 1350 mm with the scale. Regardless of the angles set, the length compensating vernier scale allows you to compensate for the workpiece length.

**Angle adjustment and fence length compensation**

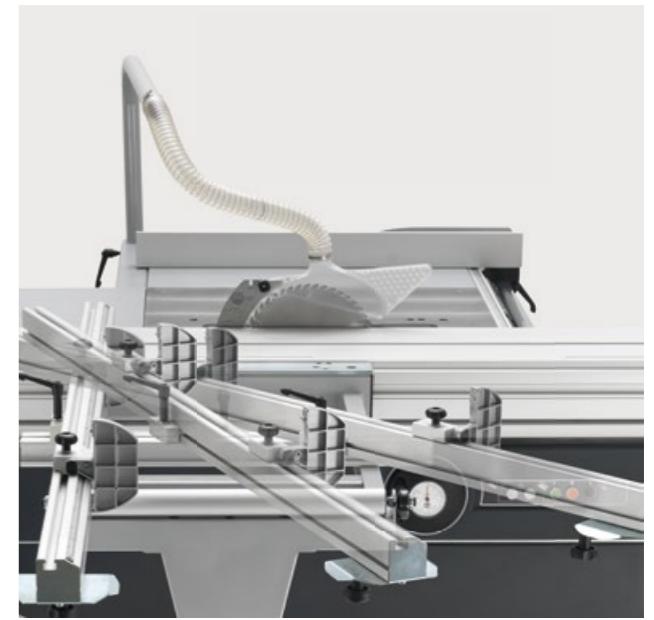
No reading errors due to scales and vernier. No time-wasting with arduous approximations of angle values. The advantage of the Felder degree index is that the stop is set and fixed without losing time or making reading errors. Highly precise index positions allow for the accurate production of polygons, e.g. 5.625° (32 sided), 11.25° (16 sided), 22.5° (8 sided). In addition, index positions at 15°, 20°, 25°, 30°, 35°, 40° and 45° can be used when working in slide to cut or push to cut mode. Every index position is equipped with a length compensator. The highly precise Felder degree index system is adjusted at the factory. Every index position also has individual fine adjustment. This cost effective index system integrates well into the machine design and will increase your productivity.

**Outrigger**

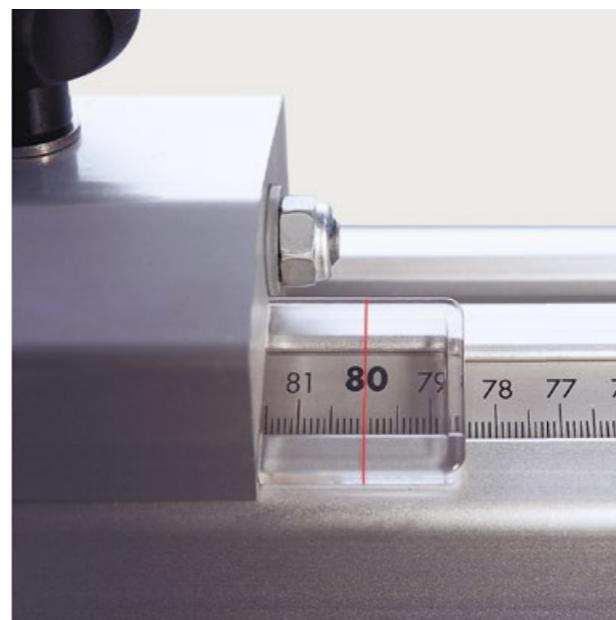
The solid outrigger makes it possible to process large and heavy workpieces. High precision and operating smoothness is guaranteed by 8 bearing guide rollers situated in the outrigger telescopic arm. You can optionally equip your Felder saw with a 1300 Felder outrigger or the 1500 premium version. Optional roller for the outrigger to facilitate the loading of workpieces.

**Outrigger table with floor support roller**

- » For rip and formatting cuts of large panel material
- » Floor guides are height adjustable, 4.5 m in length, consists of 3 sections

**The telescopic crosscut fence**

The 2600 mm long telescopic crosscut fence can be effortlessly adjusted from 90° to 45°. A mitre scale on the outrigger table enables accurate adjustments. On request, we can equip your outrigger table with the precision mitre pin locating system. Locate your mitre angles accurately time and again!

**Stop scale**

The bevelled mitre scale with accurate readout is visible from the operating area, enabling setting of the required crosscut value.

**Crosscut fence stops**

On request: the digital crosscut stop. For repeatable accuracy to 0.1 mm with large LED display.

## Product range

Sliding Table Panel Saws	K 945 S	K 740 S	K 740 professional	K 740 S x-motion	K 700 S	K 700 professional	K 700	K 540 S	K 500 S	K 500 professional	K 500					
Shapers	F 900 M	F 900 Z	F 700 M	F 700 Z	F 500 MS	F 500 M	Saw-Shapers	KF 700 S professional	KF 700 professional	KF 700	KF 500 professional	KF 500				
Planers	AD 951	AD 941	AD 741	AD 531	A 951 L	A 941	D 951	D 963	Combination machines	CF 741 S professional	CF 741 professional	CF 741	CF 531 professional	CF 531		
Bandsaws	FB 940 RS FB 740 RS	FB 940 S/SW FB 740 S/SW	FB 940/840 FB 740/640	FB 710 FB 610 FB 510	Dowel Boring Machine, Drilling Machine and Horizontal Mortiser	FD 29 professional	FD 21 professional	FD 250	Heated Veneer Presses	MVP 31.14 flex						
Wide Belt Sanding Machines	FW 1352 perform FW 1352 classic FW 1102 perform FW 1102 classic FW 950 classic FW 850 classic	Brushing Machine	structura 60.02	structura 40.02	Belt and Edge Sanders	FS 722	FS 900 KF	FS 900 K	FS 700 K							
Edgebanders	G 580/G 560 classic	G 383	G 363/R	G 330	G 263	G 220	ForKa 300 S eco	Vertical panel saw	KV 925							
Extraction Units & Briquetting Presses	RL 350/perform	RL 300	RL 250	RL 200	RL 160	RL 140	RL 125	AF 35	AF 30	AF 25	AF 22-D200	AF 22 Stationary/Mobile/Stand	AF 16	AF 14	AF 12	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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