

FELDER®

K 740 S x-motion

PERFECTION AT THE
TOUCH OF A BUTTON



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K 740 S x-motion

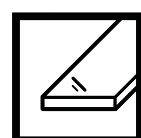
Perfection at the touch of a button



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



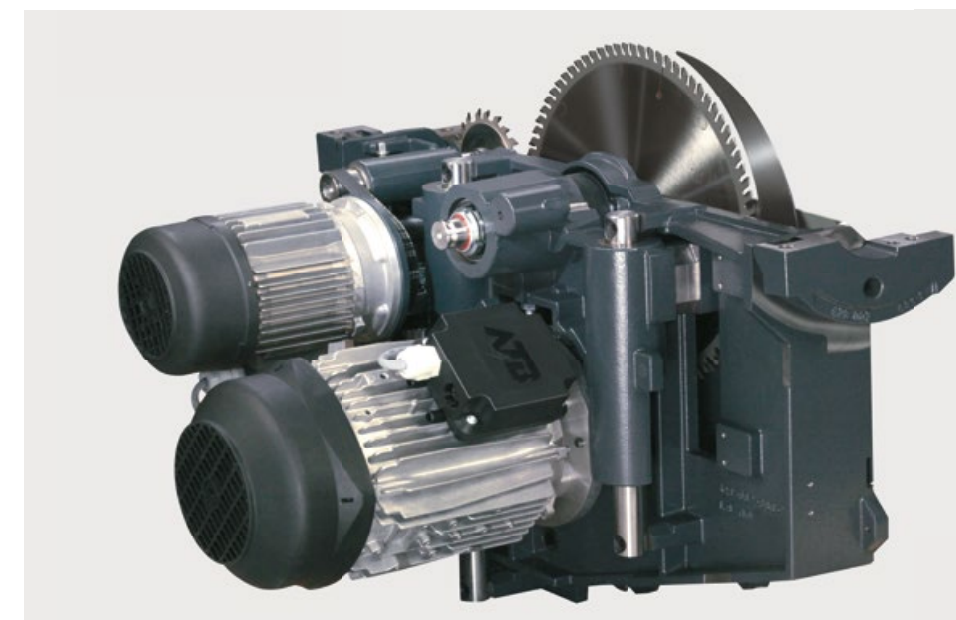
Software package x-motion plus

Functions and cutting programs:

- » Wrong mitre
- » Mitre cuts
- » Rabbits
- » 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 Felder 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.

**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.

To use a grooving cutter "Dado cutter"

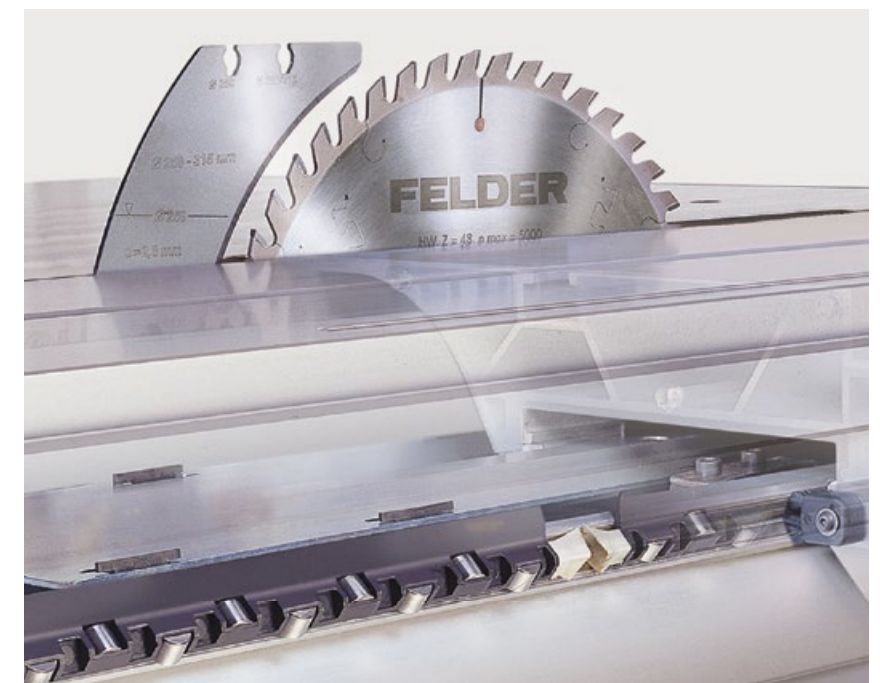
The Felder 700 Series saw unit is fully compatible with dado tooling. Thanks to removable flanges and table insert, the Felder designed, fully adjustable dado cutters can be used.

**Pneumatic workpiece holder**

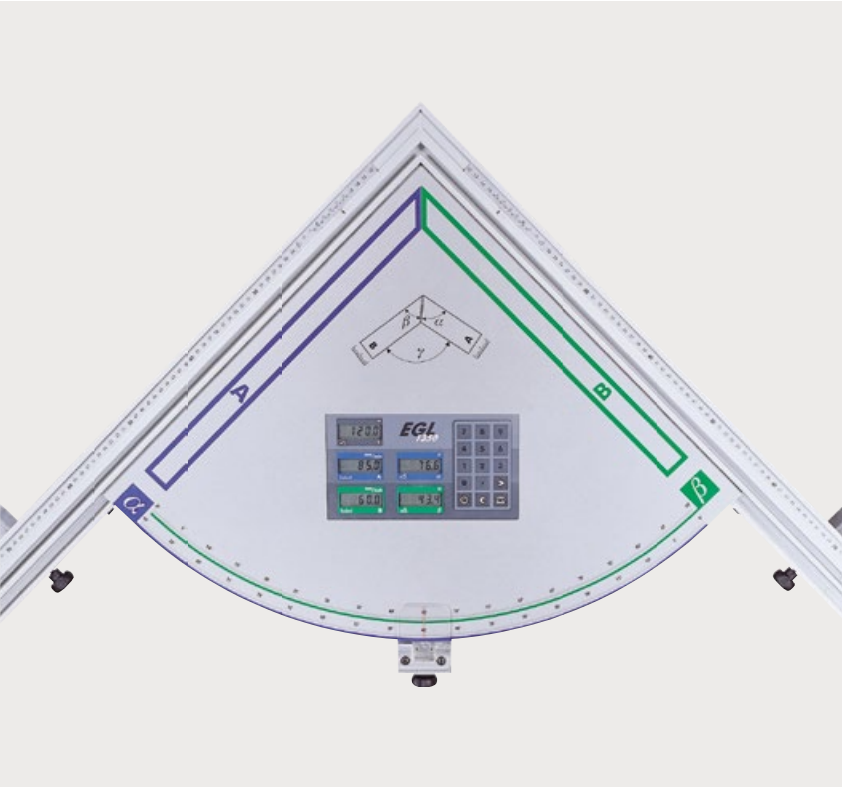
- » Easy clamping of workpieces with maximum flexibility, can be used on all panel saws and spindle moulders that have a sliding table
- » Easy set up due to magnetic fittings
- » Safety cylinder ensures maximum working safety
- » Pressure bar function is possible with every sliding table length
- »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

**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.



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.



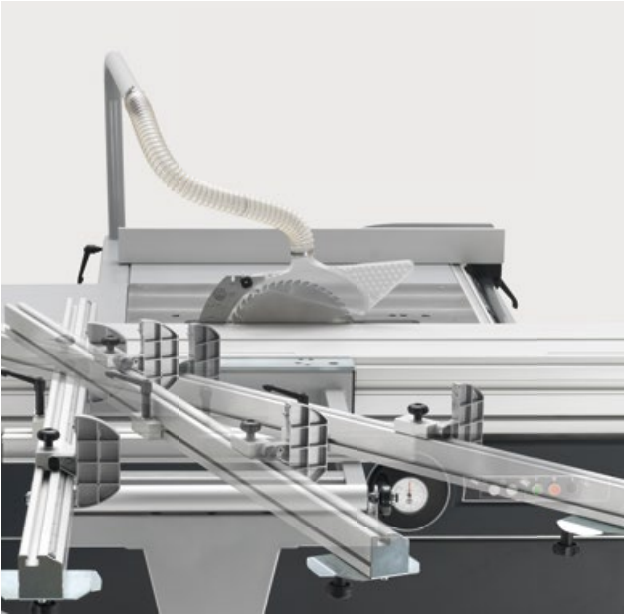
Angle adjustment and fence length compensation
No reading errors due to scales and vernier. No time-wasting with arduous approximations of angle values. The advantage of the Felder degree index is that the stop is set and fixed without losing time or making reading errors. Highly precise index positions 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 1.5°, 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.



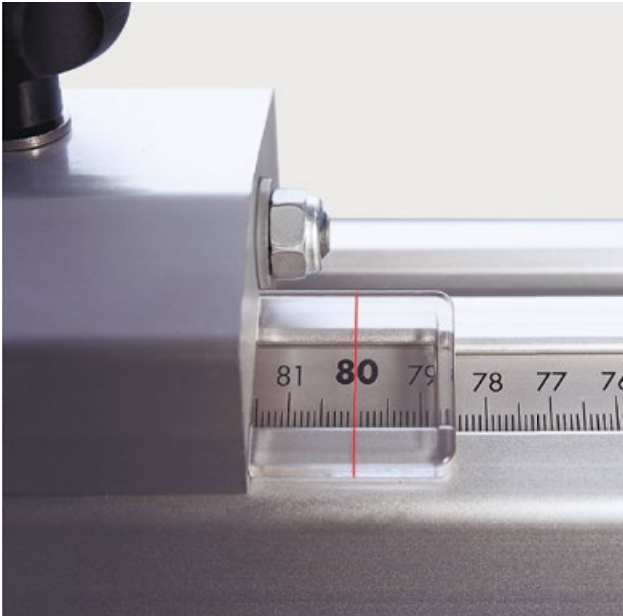
Outrigger
The solid outrigger makes it possible to process large and heavy workpieces. High precision and operating smoothness is guaranteed by 8 bearing guide rollers situated in the outrigger telescopic arm. You can optionally equip your Felder saw with a 1300 Felder outrigger or the 1500 premium version.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



Shapers



Saw-Shapers



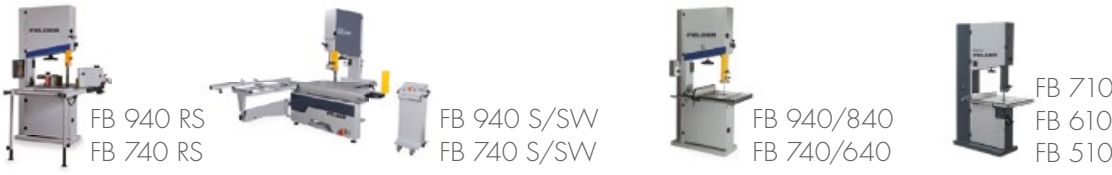
Planers



Combination
machines



Bandsaws



Dowel Boring Machine,
Drilling Machine and
Horizontal Mortiser



Heated Ve-
neer Presses



Wide Belt Sanding
Machines



Brushing
Machine



Belt and Edge
Sanders



Edgebanders



G 220

ForKa 300 S eco

Vertical
panel saw



Extraction Units &
Briquetting Presses





Felder Quality and precision in a nutshell

Since 1956, a guarantee for perfect results with excellent ease of use and reliability in regular professional use. Woodworkers are always enthusiastic about the individual and solid solutions for small and mid-sized businesses.

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