

Hammer®



K3

Hammer

Precision saws for
the ambitious woodworker

The precision sliding table saw for the discerning woodworker



Solid wood



Panel material



Variations

Models & Your Advantages



K3 basic

- » Cutting length: 800mm
- » Sliding table with torsion resistant 4 chamber profile
- » Cutting width: 700 mm
- » Cutting height 103 mm



K3winner

- » Cutting length: 1300–2050 mm
- » Sliding table with torsion resistant 4 chamber profile
- » 800 mm rip capacity
- » Cutting height 103 mm



K3 winner comfort

- » Cutting length 2050 mm
- » Sliding table with torsion resistant 4 chamber profile
- » 800 mm rip capacity
- » Cutting height 103 mm

The K3 precision panel saw is needed to perform many precision jobs in the trades and industry. Precise cross, mitre and formatting cuts with the smooth running sliding table, exact parallel cuts. That is the criteria by which we are measured.

The K3 winner offers you more than you would find in other machines of the same class - for example the precision saw aggregate, the crosscut fence with a scale and lens that is tilted towards the user for exact settings and the fine adjustable rip fence running on a round bar guide.

The K3 winner with Comfort Package is a panel saw with the highest quality Hammer technology, unique user friendliness and excellent detail solutions. The Comfort Equipment Package at factory discount price includes additional equipment such as 2000 mm cutting length and the outrigger table for professional requirements.

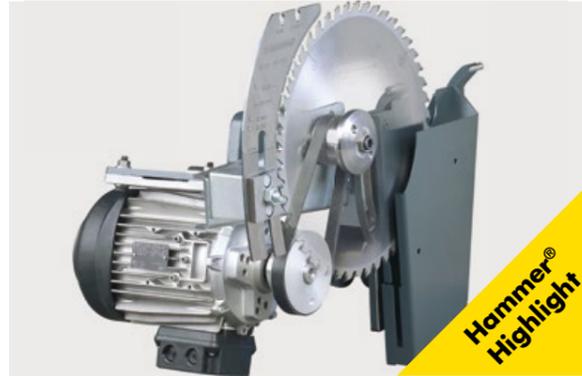
The most important highlights at a glance



Hammer® Highlight

The aluminium sliding table, the heart of every panel saw

The aluminium sliding table gives the precision from the first cut. Guaranteed Hammer stability and precision: the strong ribbed, milled and anodised aluminium hollow-chamber profile of the sliding table in combination with the high quality guiding system ensures maximum accuracy and precision!



Hammer® Highlight

Stable-compact-precise, the Hammer saw aggregate

The Hammer saw aggregate impresses with smoothness, precision and extreme user friendliness. The large cutting height of 103 mm leaves nothing to be desired. Saw blades with up to 315 mm diameter can be lowered completely below the level of the saw table. The saw blade is simple to access and can be changed with ease.



Hammer® Highlight

Grooving, slot and tenoning with the saw

Every hammer panel saw can be equipped with a preparation for the use of specialised dado tooling. The dado tool can be fitted to the saw arbour and makes it possible to make various width grooves, tenons and slots of between 8 and 19.5 mm in width.



Hammer®

Hammer - Decision making reliability for many years to come

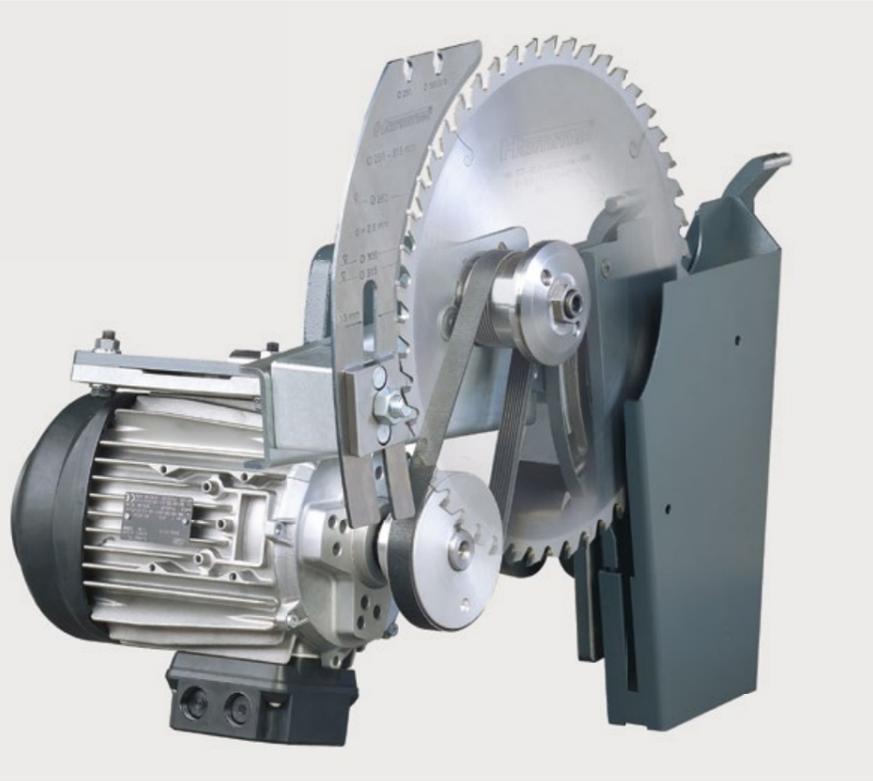
Durability, functionality and reliability made in Austria – Hammer woodworking machines are top-quality products from Felder. Since 1997, Hammer has been producing high-quality yet affordable woodworking machines for the skilled trades and crafts. The models have been specifically designed for this customer group and are available in the basic, winner and perform configuration, offering price optimised solutions for every

requirement. Decades of experience building machines, Austrian craftsmanship, strict quality standards and tried and tested Felder system solutions, guarantee excellent woodworking machines, the best operating results and customer satisfaction for years to come. From the passionate woodworker to the business user with high demands, with machines from Hammer you are guaranteed reliability and precise woodworking.

... why you should decide on a Hammer machine now:

- » Excellent value for money
- » Decision making reliability for many years to come
- » State of the art machine technology
- » Solid cast iron tables and units
- » High quality, unique detail solutions as part of the standard package
- » Top quality manufacturing with strict quality guidelines
- » User friendly
- » Classic design
- » Quality and precision from AUSTRIA
- » Compact functionality
- » Mobile as an option
- » Minimal space requirement
- » Quickest changeover times

Details that convince



Stable-compact-precise, the Hammer saw aggregate

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Saw blade tilt 90°–45°

The continuously variable tilt range between 90° and 45° ensures precise mitre cuts. End stops at the 90° and 45° position ensure the exact positioning of the settings. A large scale allows precise positioning and easy read-out of the corresponding values.



Crosscut fence for precise mitre cuts

Adjustable to any position between +45° and -45°, the crosscut fence ensures precise angled and mitre cuts. A scale integrated into the aluminium sliding table makes it easy to set precisely. The end stop for the 90° position guarantees absolute precision with repeat settings. The scale on the 900 mm long aluminium crosscut fence is angled towards the operator and makes it easy to comfortably read the exact setting. In combination with the crosscut stop with integrated magnifying glass, highly precise settings and as such absolutely exact results are guaranteed.



Grooving, slot and tenoning with the saw

Every hammer panel saw can be equipped with a preparation for the use of specialised dado tooling. The dado tool can be fitted to the saw arbour and makes it possible to make various width grooves, tenons and slots of between 8 and 19.5 mm in width.



Scoring unit for laminated workpieces

The scoring unit ensures chip free cuts in laminated workpieces. The cutting width of the two part scoring blade can be adjusted accurately to the tooth width of the main saw blade using a ring set. The drive of the scoring blade is done mechanically, with it rotating in the opposite direction to the main saw blade.

The aluminium sliding table, the heart of every panel saw

The aluminium sliding table gives the precision from the first cut. Guaranteed Hammer stability and precision: the strong ribbed, milled and anodised aluminium hollow-chamber profile of the sliding table in combination with the high quality guiding system ensures maximum accuracy and precision!



Rip Fence (basic)

The cutting width on the saw table can be adjusted to any position between 0 and 700 mm. The scale that is integrated into the rail ensures the exact setting of the aluminium rip fence to the position required. The aluminium fence can be positioned in any position along the cutting direction - when processing long workpieces you get a better feed of the workpiece and ensure a high processing precision. When carrying out angled cuts with a tilted saw blade it is possible to move the fence from the horizontal to the flat position. The narrow fence edge then enables the rip cutting of very thin workpieces. An even more precise, tenth of a millimetre accurate setting of the aluminium rip fence can be achieved with the optional Hammer fine adjustment.



Rip fence on the saw table (winner)

The cutting width on the saw table can be continuously adjusted to any position between 0 and 800 mm (0-1250 mm). The scale that is integrated into the rail ensures the exact setting of the aluminium rip fence to the position required. The aluminium fence can be positioned in any position along the cutting direction - when processing long workpieces you get a better feed of the workpiece and ensure a high processing precision. When carrying out angled cuts with a tilted saw blade it is possible to move the fence from the horizontal to the flat position. The narrow fence edge then enables the rip cutting of very thin workpieces. An even more precise, tenth of a millimetre accurate setting of the aluminium rip fence can be achieved with the optional Hammer fine adjustment.



Industrial Saw Rip Fence (option)

The professional rip fence, which runs on a chrome-plated round steel guiding bar, is extremely smooth and easy to operate. Precise settings with quick and fine adjustment.

Hammer®



Outrigger table for heavy workpieces

The outrigger table provides additional surface support and precision when processing large dimensioned and heavy workpieces. In combination with a 900 or 1300 aluminium crosscut fence and the crosscut extension your Hammer with outrigger table becomes a complete, large panel saw.



Locking pin

Angles at 5 degree intervals and at 22.5° can be cut with the help of the index locating pins.



As and when required: Adapt the table size to the workpiece dimensions

Processing long and heavy workpieces without assistance - no problem with a Hammer! The Hammer table extension system, which has been tried and tested worldwide a thousand times over, allows you to assemble table extensions without tools in just a few steps. The support surface can be extended by 400 or 800 mm on each side of the working table.



Minimal space requirement - mobile in every workshop

Hammer woodworking machines are an absolute special wonder. The efficient machine design of a Hammer means that space can be found in even the smallest of workshops. As an option a rolling carriage can be fitted to every Hammer, offering mobility and freeing up additional space.

Technical specifications

	K3 basic	K3 winner	K3 winner comfort
Electrics			
001 3x 400 V motor voltage	S	S	S
002 3x 230 V motor voltage	-	W	W
003 1x 230 V motor voltage, motor power 4.0 HP (3.0 kW) S6/40%	O	O	O
004 50 Hz motor frequency	S	S	S
005 60 Hz motor frequency	W	W	O
007 Motor power 4.0 HP (3.0 kW) S6/40%	S	S	S
008 Motor power 5.5 HP (4.0 kW) S6/40 %;	-	O	O
28 Additional emergency stop	O	O	-
Saw Unit			
74 Mechanically driven scoring unit Ø 80 mm	O	O	O
76 Variable rip capacity	0-700 mm	0-800 mm	0-800 mm
77 Variable rip capacity 1250 mm	-	O	O
78 Rip capacity 800 mm with full table width	-	O	O
82 Dado capability for tooling up to 3/4" (19.5 mm) width	O	O	O
83 Rip fence basic	S	-	-
84 Rip fence winner with round guiding bar	-	S	S
85 Fine adjustment of the rip fence winner/basic	O	O	O
86 Professional machine cast saw fence, cutting width 800 mm	-	O	O
87 Professional machine cast saw fence, cutting width 1250 mm	-	O	-
88 Fine adjustment of the professional rip fence	-	O	O
- Main saw blade Ø 250-315 mm, saw blade rotation speed 4800 rpm	S	S	S
- Saw/spindle moulder table	860 x 300 mm	950 x 385 mm	950 x 385 mm
- Saw blade tilt 90°- 45°, max. cutting height 103 mm	S	S	S
Anodised sliding table			
130 Format sliding table 800 mm, cutting length 865 mm*	S	-	-
131 Format sliding table 1250 mm, cutting length 1300 mm*	O	S	-
132 Format sliding table 2000 mm, cutting length 2050 mm	-	S	S
Outrigger tables and crosscut fences			
160 1100 outrigger table	-	O	S
163 Mitre index system for the outrigger table (#160/161)	-	O	S
164 900 mm crosscut fence for all sliding table lengths	S	S	O
165 750 mm telescopic extension for the crosscut fence (#164)	O	O	O
166 1300 mm crosscut fence for the 1100 outrigger table (#160)	-	O	-
168 1300 mm outrigger crosscut fence instead of 900 mm (#160)	-	O	S
General			
- Gross weight in kg (with standard configuration)	310	350	350
Important accessories			
210 Rolling carriage without lifting bar	O	O	O
211 Lifting bar	O	O	O
212 Tilt away device for power feeders	O	O	O
221 Transport preparation for overseas transport	O	O	O
223 Heat treated pallet in accordance with IPPC regulations	-	O	-
- .SET-HA20-1 - SET: Display clock with system handwheel - (for saw unit)	O	O	O

Product range

Combination machines C3 31



Combination machines C3 41



Saw-Spindle Moulder B3



Planer-Thicknesser A3



Circular Saws & Sliding Table Panel Saws K3, K4



F3 Spindle Moulder



Bandsaws



Hammer®

Hammer Affordable functionality and reliability

Since 1997 the Felder Group has been producing high quality yet affordable woodworking machines with the brand Hammer for do-it-yourselfers and small businesses. Robust, durable, space-saving and precise in its operation. Quality products that simply make woodworking fun.

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