Hammer®

# K3

## Precision saws for the ambitious woodworker

EUK

# The precision sliding table saw for the discerning woodworker

*Solid wood*

*Panel material*

**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.



Hammer®



## 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

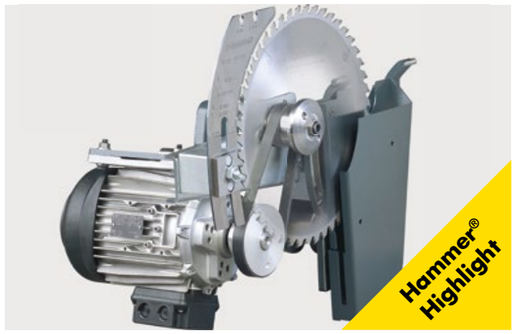
- Cutting length: 1300–2050 mm
- Sliding table with torsion resistant 4 chamber profile
- 800 mm rip capacity
- Cutting height 103 mm

### K3 winner comfort

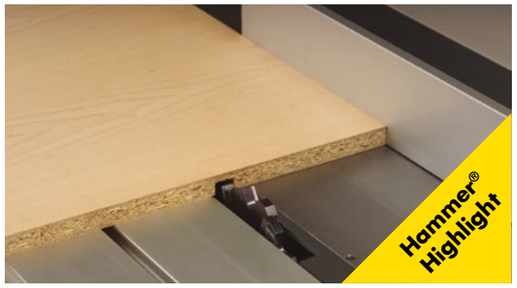
- Cutting length 2050 mm
- Sliding table with torsion resistant 4 chamber profile
- 800 mm rip capacity
- Cutting height 103 mm

# The most important highlights at a glance

**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!




**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.




**Grooving, slot and tenoning with the saw**
Every hammer panel saw can be equipped with a prepartion 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 - 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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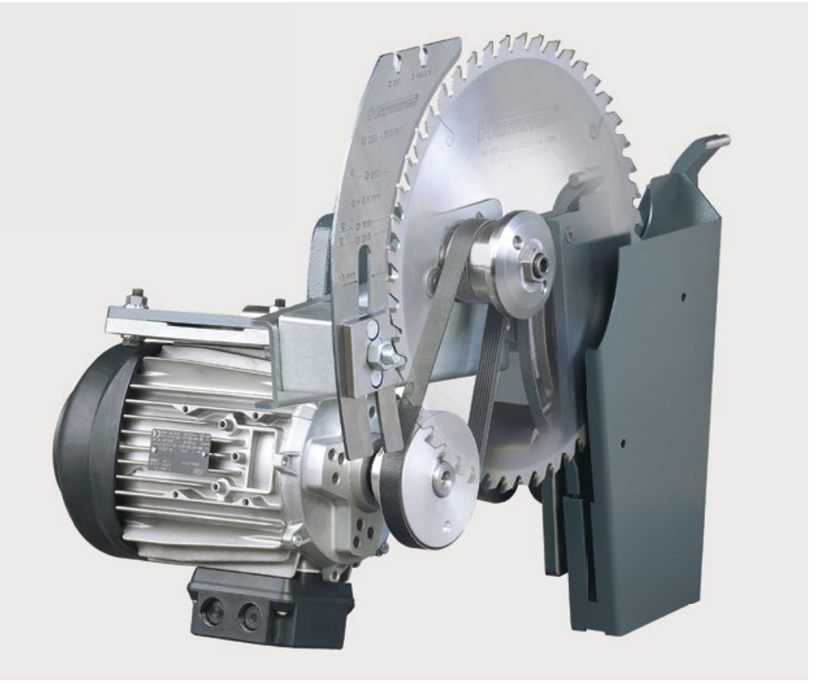
# Details that convince



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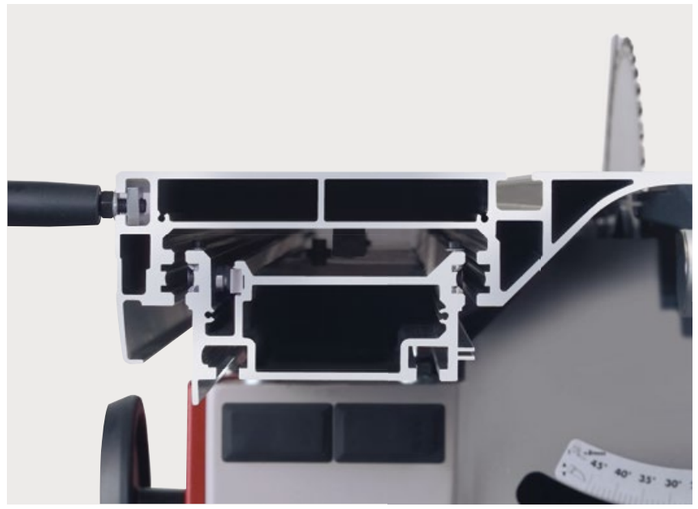
**Scoring unit for laminated workpieces**
The scoring unit ensures chip free cuts in laminated workpieces. The cutting width of the two part scoring blade can be adjusted accurately to the tooth width of the main saw blade using a ring set. The drive of the scoring blade is done mechanically, with it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

**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.



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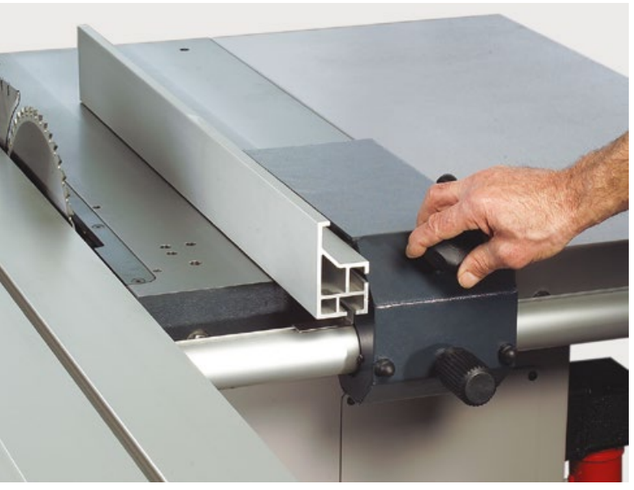
**Rip Fence (basic)**
The cutting width on the saw table can be adjusted to any position between 0 and 700 mm. The scale that is integrated into the rail ensures the exact setting of the aluminium rip fence to the position required. The aluminium fence can be positioned in any position along the cutting 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.

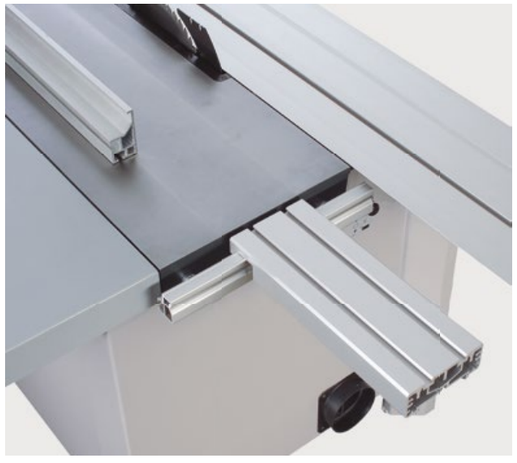


**Rip fence on the saw table (winner)**
The cutting width on the saw table can be continuously adjusted to any position between 0 and 800 mm (0–1250 mm). The scale that is integrated into the rail ensures the exact setting of the aluminium rip fence to the position required. The aluminium fence can be 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.

**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 spacial 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

| | Electrics | K3 basic | K3 winner | K3 winner comfort |
|---|---|---|---|---|
| 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 ¾" (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 |

S Standard Equipment | O ... Optional | W ... Choice Not available





# 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

CNC Portal Milling Machines HNC

Edge sanders

Bandsaws

Air filter dust extractor