Hammer®

A3 26 – A3 31 – A3 41

Sensational planing results at the best value

EUK

A3 – sensational results at an unbeatable price, only with Hammer !

Solid wood

Solid cast iron planing tables, automatic planer knife cutterblock and many more excellent details are the perfect components for sensational thicknessing and planing results with the A3. In addition to the impressive machine technology, the A3 also offers an unparalleled price-performance ratio – see for yourself!

The self-setting planing cutterblock which enables an incredibly quick change of the knives, provides planing results with which you will be amazed. For mortising or doweling you can equip your planer/ thicknesser with the horizontal mortiser.

Variations

Models & Your Advantages

A3 26

- Planing width: 260 mm
- Planer table length: 1,120 mm (1,920 mm)
- Cutterblock: self-aligning planer knives; Silent-Power® sprial cutterblock (option)
- Thicknessing height: 4–225 mm
- Feed speed: 6 m/min

A3 31

- Planing width 310 mm or other way round 310 mm planing width
- Planer table length: 1,400 mm (2,200 mm)
- Cutterblock: self-aligning planer knives; Silent-Power® sprial cutterblock (option)
- Thicknessing height: 4–225 mm
- Feed speed: 6 m/min

A3 41

- Planing width 410 mm
- Planer table length: 1,800 mm (2,600 mm)
- Cutterblock: self-aligning planer knives; Silent-Power® sprial cutterblock (option)
- Thicknessing height: 4–225 mm
- Feed speed: 6 m/min

The most important highlights at a glance

On request: Sensational quiet planing with the Silent-Power® spiral cutterblock
Exclusive for planer/thicknesser from the Felder Group The Silent-Power® spiral blade cutterblock cuts noise levels during planing by well over half and provides a continuous pulling cut for tear-free planing patterns in any type of wood. With this revolutionary new development from Felder you are obtaining all of the advantages of a spiral cutterblock at considerably lower operating, investment and adjustment costs. The benefits of the Silent-Power® spiral cutterblock at a glance...

» Sensationally quiet, noise emissions halved
» Blade life up to 20 times longer
» Four highly precise cutting edges on each knife

Solid planer tables for absolute precision
The strong ribbed Hammer planer and thicknesser tables are made from solid cast iron and ensure perfect precision in every situation. The width of the planing table equates to the planing width, which means that workpieces can be planed safely across the full length of the planing table.

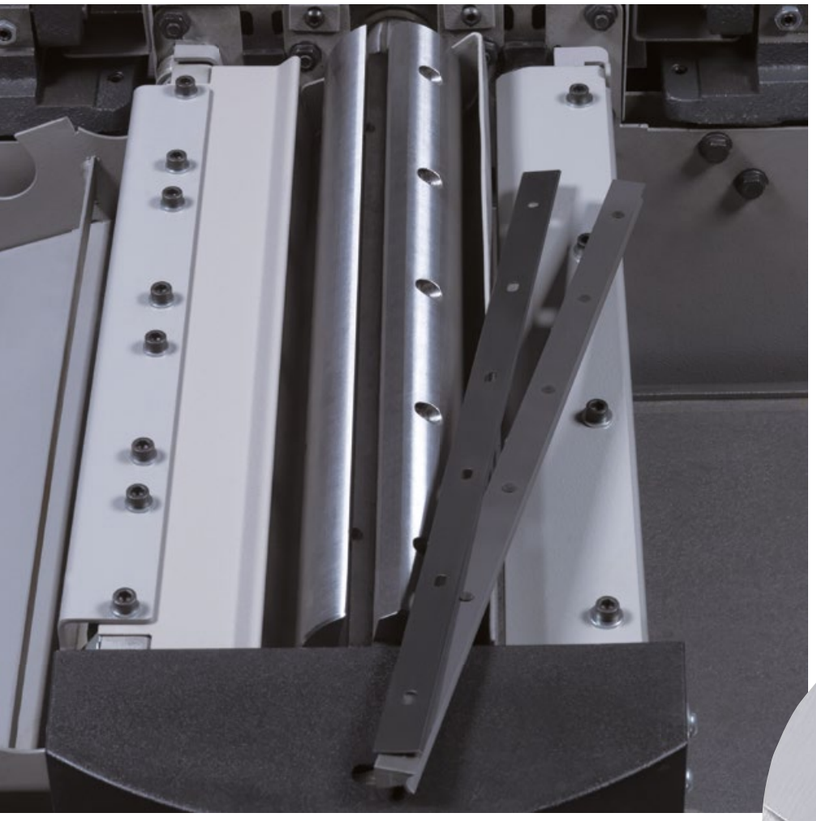
Dual lifting planer tables - 0°- end position saves valuable working space
A space saving solution with optimum ergonomics: Planer tables tilt away from the user operating area, this ensures that working with your Hammer planer is as user-friendly as possible and also requires less workshop space. The simultaneous, dual opening and closing of the planing tables saves time and is extremely comfortable. The planing tables lock automatically at the 0° end position.

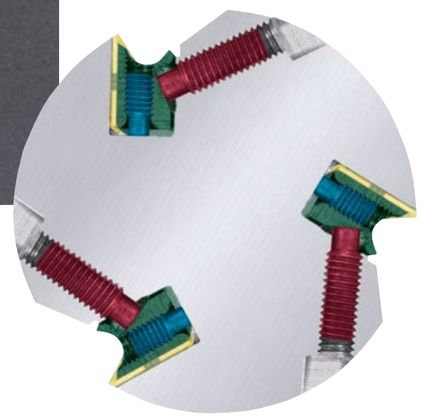
Hammer - Decision making reliability for many years to come
Durability, functionality and reliability made in Austria – Hammer woodworking machines are top-quality products from Felder. Since 1997, Hammer has been producing high-quality yet affordable woodworking machines for the skilled trades and crafts. 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





3 knife quick-change, self-setting cutterblock system, the heart of every Hammer planer
The Hammer 3-knife automatic cutterblock guarantees excellent planed wood surfaces and the simplest of operating comfort Since 1987 the cutterblock quick-change system has proven itself a thousand times over and our customers worldwide have saved on expensive additional investment in standard planer cutterblocks. The quick-change cutterblock system is only available from the Felder Group! Your advantages at a glance

» Planer knife change without adjustments in seconds
» Disposable knives, each with 2 cutting edges at an inexpensive price
» No expensive adjustment tools, like those used for standard planing knives, are necessary
» No second set of planing knives are required during the sharpening cycle

INCREDIBLY QUIET

For the sake of your health and your employees The Silent-Power spiral blade cutterblock reduces noise levels by 50 % (10 db A) when compared with conventional systems.

20 TIMES LONGER BLADE LIFE

saves money The tungsten carbide cutters in the Silent-Power spiral blade cutterblock provide up to twenty times the cutting edge service life of HSS cutters.

FOUR CUTTING EDGES

More „planer knives“ at the same price Each tungsten carbide knife (on the Silent-Power spiral blade cutterblock) has four cutting bevels. Quickest change of the cutter with a simple single “turn”.

LOWER POWER CONSUMPTION

save power costs Regardless of the planing width, the Silent-Power cutterblock uses significantly less power than comparable systems.

TEAR-FREE PLANING RESULTS

Real spiral-knife technology Continuous, pulling cut thanks to the compact arrangement of all cutting edges with optimised cutting angle on the Silent-Power spiral blade cutterblock.

LARGE CHIP SPACE

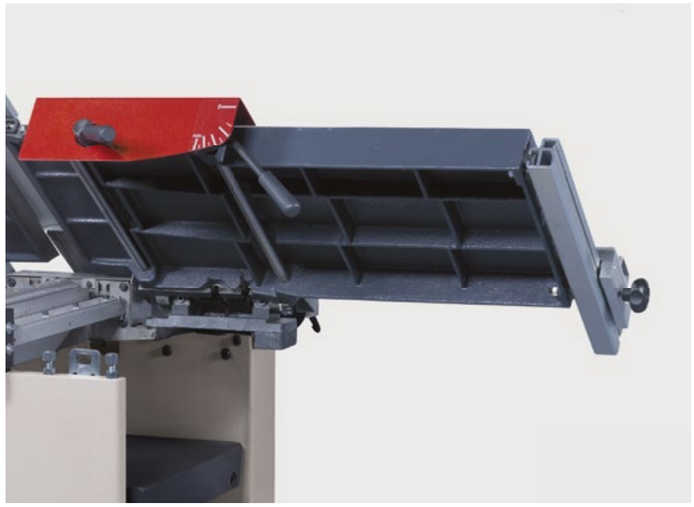
smallest chipping volumes The chipping flow optimised chip clearance of the Silent-Power spiral blade cutterblock and the short cutting bevels guarantee the best possible chip transport and the lowest chip volumes

IN-HOUSE PRODUCTION

Innovation made in Austria The Silent-Power spiral blade cutterblock is manufactured 100% in the factory in Hall i. T., Austria. Local craftsmanship and uncompromising manufacturing standards guarantee the top quality „Made in Austria“.

PATENTED SINCE 2012

Often copied, but never equalled Almost 10 years ago, the Silent-Power spiral blade cutterblock has set new standards on the market in terms of noise reduction, quality and efficiency and remains unparalleled to this day.



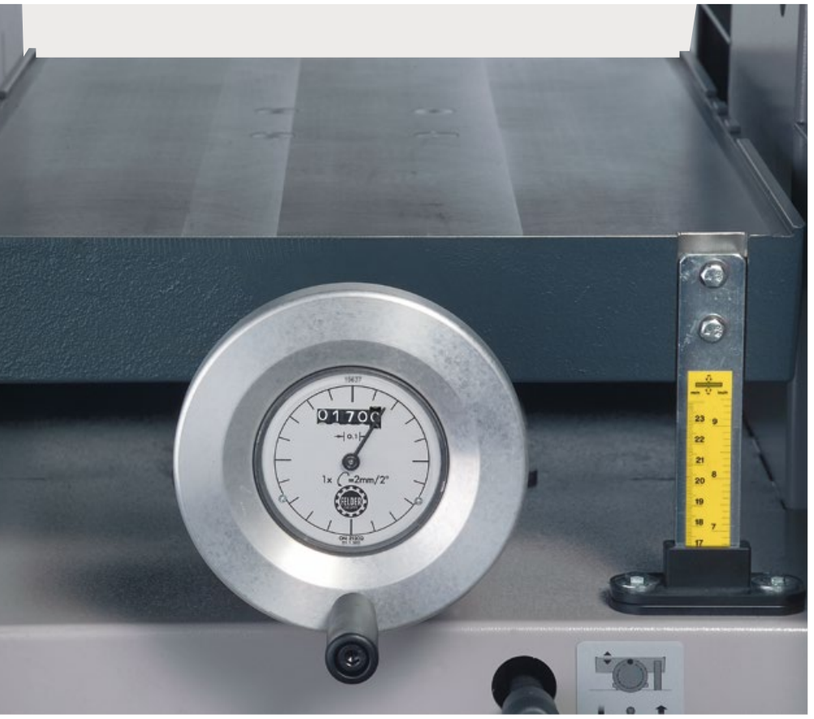
Solid planer tables for absolute precision
The strong ribbed Hammer planer and thicknesser tables are made from solid cast iron and ensure perfect precision in every situation. The width of the planing table equates to the planing width, which means that workpieces can be planed safely across the full length of the planing table.

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. This means an extension of your table length by up to 1,600 mm!

Quick and simple: Depth of cut adjustment when planing
The large adjustment handle for the planing depth of cut is integrated perfectly into the machine design. The depth of cut adjustment of up to 4 mm can be carried out quickly, simple and precisely without having to release any locks. That is top class operating comfort.

The planer fence for exact joining and bevelling
The planer fence can be moved and fixed to any position across the width of the table. The planing fence is made of aluminium and can be tilted and fixed at any position between 90°–45°. Fine adjustable end stops ensure an exact 90° and 45° position. The precise workpiece guiding whilst joining and bevelling is helped by the long planing fence.

Dual lifting planer tables - 0°- end position saves valuable working space
A space saving solution with optimum ergonomics: Planer tables tilt away from the user operating area, this ensures that working with your Hammer planer is as user-friendly as possible and also requires less workshop space. The simultaneous, dual opening and closing of the planing tables saves time and is extremely comfortable. The planing tables lock automatically at the 0° end position.



Maximum thicknessing height for large dimensioned requirements
The maximum thicknessing height of 225 mm is a guarantee for the perfect processing of large and heavy work-pieces. An even more precise, tenth of a millimetre, accurate adjustment of the thicknessing height is possible with the optional handwheel and integrated digital clock.

The Mortising Unit
The mortising unit is mounted to the planer side.

Perfect extraction technology - a clean solution
The aerodynamically optimized con-struction of the dust extraction hood with its ample chip space guarantees an ideal chip extraction and clean working surface.

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	A3 26	A3 31	A3 41
001	3x 400 V motor voltage	–	S	S
003	1x 230 V motor voltage, motor power 2.6 HP (1.9kW) S6/40%	S	–	–
003	1x 230 V motor voltage, motor power 4.0 HP (3.0 kW) S6/40%	–	O	O
004	50 Hz motor frequency	S	S	S
005	60 Hz motor frequency	O	W	W
007	Motor power 4.0 HP (3.0 kW) S6/40%	–	S	–
008	Motor power 5.5 HP (4.0 kW) S6/40 %	–	–	S
28	Additional emergency stop	O	O	O
	Planing unit and cutterblock			
42	3 knife quick-change, self-setting cutterblock system	S	S	S
43	3-knife standard cutterblock	–	O	O
44	Silent-POWER® spiral cutter-block	O	O	O
–	Anodised planer fence tilts from 90°–45°	S	S	S
–	Length of surface planer fence	750 mm	43¼" (1,100 mm)	150 x 1,100 mm
–	Surface planer width	$10^{15}/_{64}$" (260 mm)	12¼" (310 mm)	16⅛" (410 mm)
–	Planing table length	$44^{3}/_{32}$" (1120 mm)	$55^{1}/_{8}$" (1400 mm)	70⅞" (1800 mm)
–	Number of knives - Silent-POWER spiral cutterblock	39	47	62
	Planer and Feed Drive			
–	Thicknessing width	254 mm	12" (306 mm)	15" (406 mm)
–	Thicknessing height min.-max. 4-225 mm;	S	S	S
–	Thicknessing table length in mm	540 mm	540 mm	600 mm
–	Min. workpiece length in mm	145	145	145
–	Maximum depth of cut	½" (4 mm)	½" (4 mm)	½" (4 mm)
–	Synchronous feed speed 6 m/min. (50 Hz)	S	S	S
	Mortising unit			
190	Mortising table	O	O	O
191	Mortising chuck 0-16 mm	O	O	O
	General			
–	Extraction connection Ø	⅜" (120 mm)	⅜" (120 mm)	⅜" (120 mm)
–	Gross weight in kg (with standard configuration)	245	290	400
	Important accessories			
–	01.1.202 - Indicator clock with digital readout, 0.1 mm resolution, counting counterclockwise. 2mm increment	O	O	O
–	12.1.311 - ALUMINIUM - System - Handwheel	O	O	O
210	Rolling carriage without lifting bar	O	O	O
211	Lifting bar	O	O	O
221	Transport preparation for overseas transport	O	O	O
–	500-101 - Table extension, aluminium, width 150 mm, length 400 mm	O	O	O
–	500-102 - Mounting rail for table extension 310 mm	–	O	–
–	500-151 - Mounting rail for table extension 410 mm	–	–	O
–	500-157 - Mounting rail for table extension 260 mm	O	–	–

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

Hammer®

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