

Hammer®

N 3800
Hammer

Classic Line

All-rounders for every workshop

Hammer Bandsaws – The all-rounders for every workshop at the best price.



Solid wood



High quality yet affordable for everyone, the band saws from Hammer convince with an excellent price-performance ratio and numerous details for perfect woodworking.

Standard equipment such as bandsaw blade guides above and below the table, bandsaw blade tension indicator, tiltable machine table and much more does not have to be expensive! The precision-ground solid cast iron machine table can be tilted from -5°/-10° to + 45° for optimum flexibility and, together with the reinforced, low-vibration machine base-frame, ensures maximum stability.

Long lasting precision through X-Life ceramic guides Ceramic guides guarantee excellent cutting results and maximum blade stability with four guiding blocks positioned directly to the saw blade.

Variations

Models & Your Advantages



N4400

- » 310 mm cutting height
- » Cutting width: 420 mm
- » Fly wheel diameter: 440 mm
- » Table size: 420 x 575 mm
- » Optional: X-Life®
Ceramic bandsaw blade guides
- » Cutting speed: 920 m/min



N3800

- » 310 mm cutting height
- » 360 mm rip capacity
- » Fly wheel diameter: 380 mm
- » Table size: 400 x 510 mm
- » Optional: X-Life®
Ceramic bandsaw blade guides
- » Cutting speed: 920 m/min

The most important highlights at a glance



Hammer® Highlight

X-Life® ceramic bandsaw blade guides

Ceramic guides guarantee excellent cutting results and maximum blade stability through four guide blocks and ceramic rear rollers directly adjacent to the blade. The flat surface ensures reduced noise emissions and considerably less friction resistance. With reduced friction and less heat generation, ceramic guides are practically wear-resistant and enable an extremely long useable life and consistent cutting quality when compared to conventional roller guides. X-Life® ceramic bandsaw blade guides have been developed exclusively for Hammer and Felder bandsaws and can be retrofitted as an accessory at any time.



Hammer® Highlight

Solid, tiltable cast iron machine table

The solid cast iron table tilts from -5° to $+45^\circ$ extending the scope of use of the bandsaw to cover a wide range of processing situations. The exact 90° position of the table is guaranteed by a fine adjustable stop. The tilt of the table can be set using the scale adjustment accurate to one degree.



Hammer® Highlight

Bandsaw flywheels

The large distance between the bandsaw flywheel cast axles makes it possible to use longer bandsaw blades. This is an advantage for you, a large bandsaw blade length is indispensable for a quiet and smooth movement of the blade and the large number of teeth ensures a longer usable life.



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

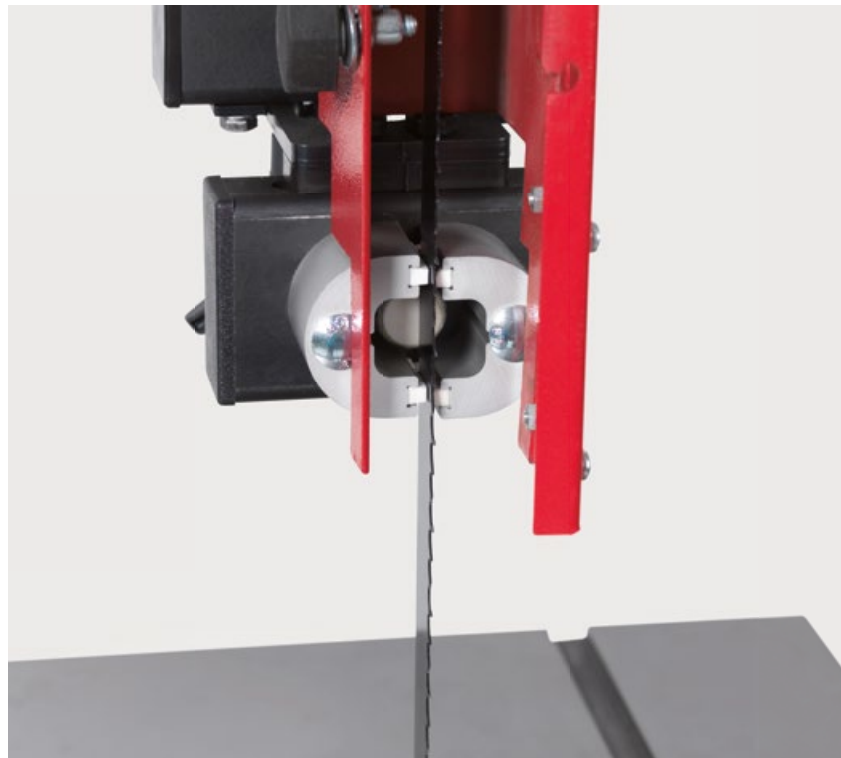


High-torque motors

Regardless of whether you decide for the 1 x 230 V or the 3 x 400 V Hammer bandsaw – your Hammer will be equipped with ATB motors from Austria, specially developed for bandsaws. The high-torque and extreme running smoothness of the motor are key to the high precision of your bandsaw.

X-Life® ceramic bandsaw blade guides

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Bandsaw blade guides

The Hammer bandsaws are equipped with upper and lower table guides with finely adjustable side and rear rollers and lockable setting screws.



Hammer®

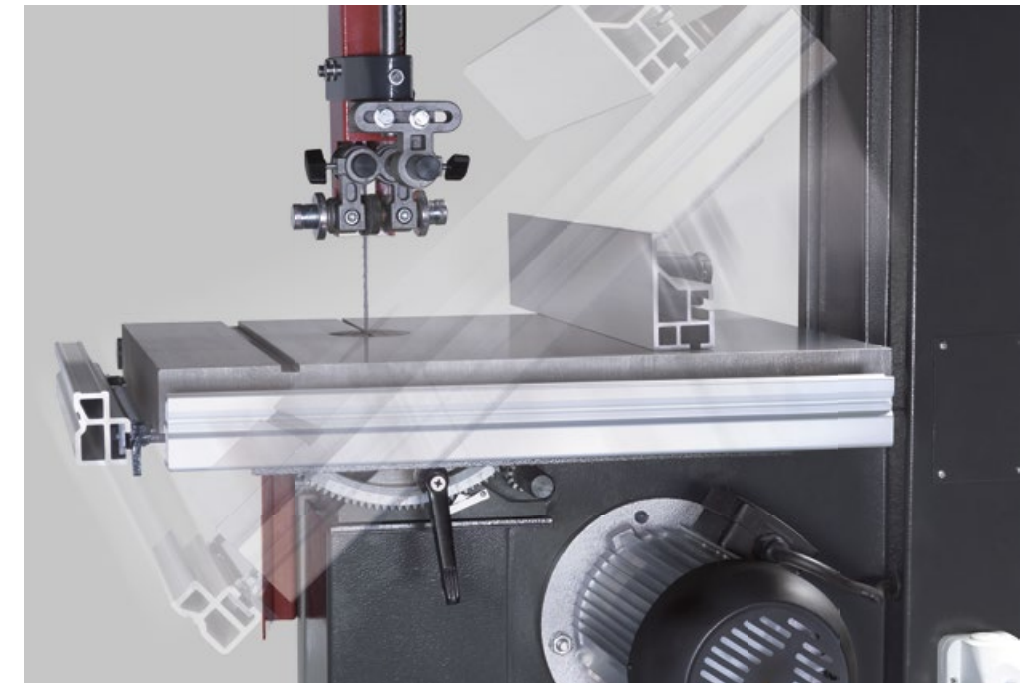


High cutting height

The cutting height required can be set simply using a gear rack. With a 310 mm cutting height the Hammer bandsaw convinces in its class and enables the production of solid wood veneers and much more.

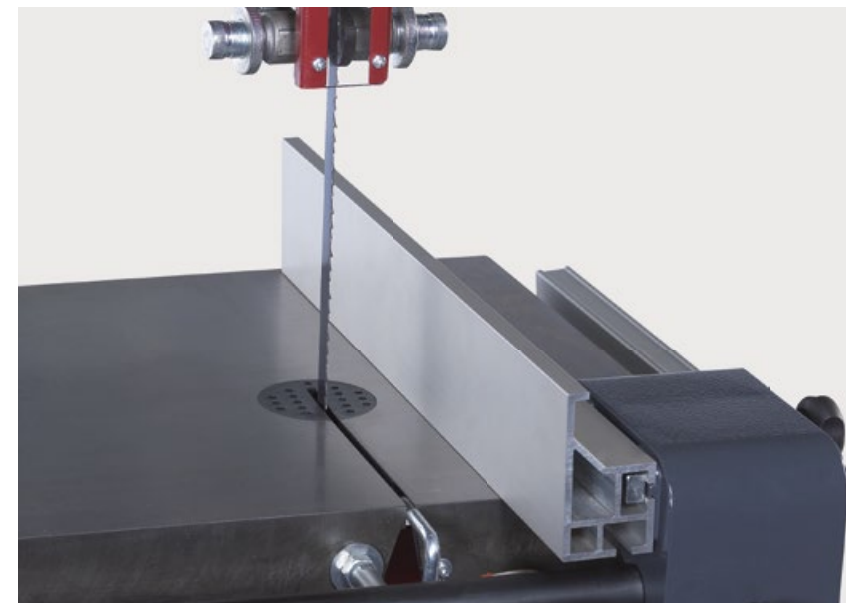
Solid, tiltable cast iron machine table

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Rip fence

Guided precisely along the round bar, the fence can be positioned or swung away on either the left- or right-hand side of the saw blade. The aluminium fence is mounted to the cast iron housing of the parallel fence and can be positioned along the cutting direction for improved infeeding of longer workpieces. For the processing of narrow workpieces the aluminium fence can be laid flat from the normal vertical position.



Miter fence

The mitre fence for the bandsaw is available as an accessory and can be slid into the groove on the cast iron table in the cutting direction. The mitre fence can be adjusted to any position between -45° and $+45^\circ$ for crosscut and mitre cuts.

**Bandsaw flywheel rubber cover can be changed with ease**

The rubber cover on the flywheels protects the bandsaw blade and the teeth. Over time, depending on the number of working hours, the rubber cover will begin to wear out and will have to be replaced. Normally the flywheels have to be removed and sent away to be recovered, but that is not the case with Hammer bandsaws: You can change the rubber cover quickly and easily by yourself – that is just one of the many advantages of deciding on a Hammer!

**Bandsaw flywheels**

The large distance between the bandsaw flywheel cast axles makes it possible to use longer bandsaw blades. This is an advantage for you, a large bandsaw blade length is indispensable for a quiet and smooth movement of the blade and the large number of teeth ensures a longer usable life.

**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 has proven itself thousandfold, the world over. In just a few steps and without tools the table extensions can be mounted to every Hammer machine. The support surfaces of your N4400 can be extended to the right and the rear of the bandsaw blade by 500 or 1000mm, depending on the table extension chosen.

**Circle cutting device**

Circle cutting device – for the precise cutting of segmented semi-circles and circles.

**Mobile thanks to optional rolling carriage**

Hammer rolling carriages allows for effortless and trouble-free movement of your Hammer. The rolling carriage can be mounted to your Hammer with ease and is complete with the help of the lifting bar.

Technical specifications

Electrics		N3800	N4400
001	3x 400 V motor voltage	S	S
003	1x 230 V motor voltage, motor power 2.6 HP (1.9kW) S6/40%	O	O
004	50 Hz motor frequency	S	S
007	Motor power 2.0 PS (1.5 kW)	S	
008	Motor power 3.5 PS (2.5 kW)		S
28	Additional emergency stop	O	O
Bandsaw unit			
200	X-Life ceramic guides instead of precision rolling guides	O	O
-	Bandsaw blade width	6-20	6-25
-	Bandsaw blade in mm	3556	3976
-	Rollers-Ø mm	380	440
-	Roller speed in rpm	1000	850
-	Cutting width in mm	360	420
-	Cutting speed in m/min	920	920
-	Cutting height in mm	310	310
General			
-	Extraction connection in mm	1x 120	1x 120
-	Working height in mm	840	886
-	Total height in mm	1750	1865
-	Weight in kg	150	170
-	Table size in mm	400 x 510	420 x 575
-	table tilt	-5°-+45°	-10°-+45°
Important accessories			
106	HS bandsaw blade L= 3556 mm, W= 6 mm, ZT= 4.0 mm, S= 0.60 mm, can be resharpened	O	
106	HS bandsaw blade L= 3980 mm, W= 6 mm, ZT= 4.0 mm, S= 0.60 mm, can be resharpened		O
110	HS bandsaw blade L= 3556 mm, W= 10 mm, ZT= 6.0 mm, S= 0.60 mm, can be resharpened	O	
110	HS bandsaw blade L= 3980 mm, W= 10 mm, ZT= 6.0 mm, S= 0.60 mm, can be resharpened		O
116	HS bandsaw blade L= 3556 mm, W= 16 mm, ZT= 8.0 mm, S= 0.60 mm, can be resharpened	O	
116	HS bandsaw blade L= 3980 mm, W= 16 mm, ZT= 8.0 mm, S= 0.60 mm, can be resharpened		O
120	HS bandsaw blade L= 3556 mm, W= 20 mm, ZT= 8.0 mm, S= 0.70 mm, can be resharpened	O	
120	HS bandsaw blade L= 3980 mm, W= 20 mm, ZT= 8.0 mm, S= 0.70 mm, can be resharpened		O
125	HS bandsaw blade L= 3980 mm, W= 25 mm, ZT= 8.4 mm, S= 0.60 mm, can be resharpened		O
-	423-043 Mitre fence with mitre guide	O	O
-	Rolling carriage without lifting bar (503-142)	O	O
-	Lifting bar 503-142 (500-149)	O	O
-	Circle cutting device (01.1.300)		O
-	Sanding unit (423-041)	O	O
Transport			
221	Preparation for container transport FB	W	W

Product range

Combination Machines C3 31



Combination Machines C3 41



Saw-Spindle Moulders 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

