

HOKUBEMA

PANHANS

by HOKUBEMA

TBS

3 V

BSB



Band saws

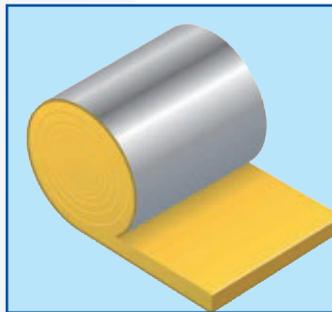


It's the result that matters

HOKUBEMA Band saws



For any need, for any material -
band saws by HOKUBEMA.



Competence you feel

If you have ever worked with band saws of lower quality, you will value good products.

We process different materials in various dimensions. Since our company has been using band saws from HOKUBEMA, we have noticed clear differences.

Until now, I thought that only the saw blade counts. Today, I know that the band saw machine is decisive. HOKUBEMA has lots to offer there.

Operation is as simple as servicing and setting.

HOKUBEMA - for a good cut.

Construction



The robust and functional build and the comprehensive safety equipment ensure economic and accident-free work.

- Twist-free double chamber welding construction
- Dynamically balanced full-cast wheels for vibration-free concentric run
- Vulcanised-on and spherically cut rubber linings at the band saw wheels for best grip and gentle running of the saw blades
- Belt saw blade guide APA top and bottom, with all BSB models
- Finely planed solid cast table top with table swivel device up to 45° with scale and clamping lever
- Exchangeable table insert at the saw blade
- Wiper brush at the lower band saw wheel
- 2 flow-beneficial extraction sockets

Function and safety



BSB band saws are available at different sizes and with wheel-diameters of 400 - 900 mm.

Individual alignment with different areas of use is possible with this.

- Cut height adjustment via handwheel with locking pinion and integrated saw blade protection
- Deflecting upper band saw wheel
- Folding stop ruler on both sides of the saw blade, can be used upright for wide/high parts, flat for small parts
- Blade tension display (with sight window) via hand wheel for best setting of the different widths of the band saw blades
- Vibration-free and saw-blade-protecting run by
 - Full cast steel wheels
 - Vulcanised-on, spherical cut rubber linings
 - Dynamically balanced drive unit

A comprehensive safety equipment permits accident-free function during any work with the saw

- Ergonomically correctly placed work table and easy to reach operating elements
- Doors with limit switches
- Height-adjustable saw blade protection via hand wheel and locking pinion
- Automatic brake motor

Band saws BSB are GS-tested and correspond to the EC type testing according to directive 2006/42/EC



Band saws BSB 400 - 900



Technical equipment

- High-performance band saw blade guide APA 2 top and bottom
- Hardened back and side rollers
- Cutting height up to 540 mm
- Cutting width up to 880 mm
- Finely planed work table of cast iron
- Machine table swivelling up to 45°
- Twist-free double chamber welding construction
- Safety doors with limit switch
- Running wheels in full cast design with spherically ground rubber linings
- Integrated band tensioning
- Energy-efficient drive



All designs are GS-tested and correspond to the EC type testing according to directive 2006/42/EC



Standard equipment



Full cast wheels

dynamically balanced with automatic tension by a screw spring. Integrated vibration-dampening wheel bearing.



Vulcanised-on rubber lining

spherically ground



APA high performance band saw guide

hardened back and side rollers, simple fine setting. Optionally with ball-bearing rear roller for NE metal processing.



Blade tension display with sight window

to set the recommended tension.



Rotating cam switch

- with direct start-up (models 400 - 600)
- with star/delta start-up (700 - 900)



Folding stop ruler

Upright for wide/high parts, flat for small parts



Table swivel facility

with scale and clamping lever, smoothly adjustable up to 45°.

Band saws BSB 400 - 900

options

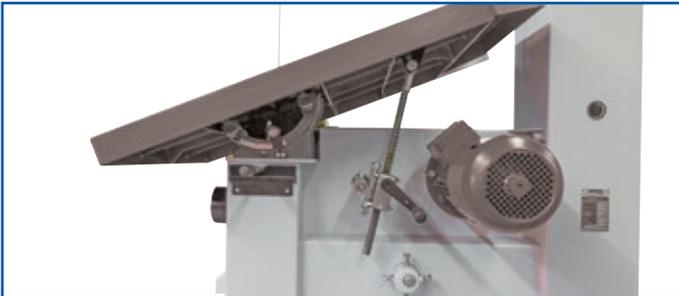


Table swivel device Top

smoothly adjustable to 45° via hand wheel.



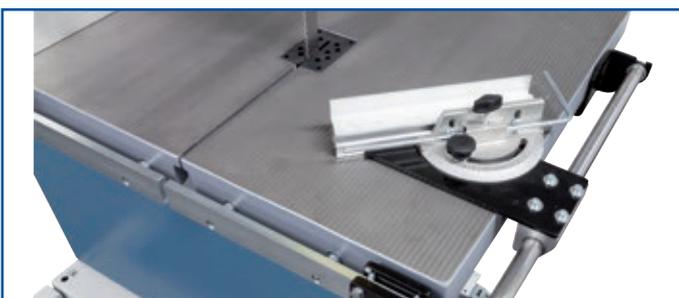
Pushbutton switch

with automatic star/delta start-up, available as of 3 kW motor.



Cutting height expansions

- 220 mm > BSB 600/700/800/900
- 400 mm > BSB 700/800



Mitre stop Top

with round rod guide and device for folding away (retrofitable).



Driving facility

with 2 casters with brake and 2 block rollers.

Technical data

	BSB 400	BSB 500	BSB 600	BSB 700	BSB 800	BSB 900
• Cutting height max. mm	205	330	400	420	520	540
• Cutting width max. mm	385	480	580	680	780	880
• Band speed m/min	1400	1300	1550	1570	1800	1720
• Motor kW/HP	Standard 1.1/1.5 Option 1.5/2.0	1.5/2.0 2.2/3.0	2.2/3.0 3.0/4.0	3.0/4.0 4.0/5.5	4/5.5 5.5/7.5	5.5/7.5 7.5/10
• Saw blade width min./max. mm	15/20	15/25	15/30	15/35	15/40	15/40
opt. for special lining mm	6/20	6/25	8/30	8/35	10/40	10/40
• Saw blade thickness mm*	0.4	0.5	0.6	0.7	0.8	0.8
• Saw blade length max./min. mm	3330/3230	4140/4060	4735/4660	5140/5020	5775/5670	6260/6160
• Wheel diameter mm	400	500	600	700	800	900
• Lining width mm	25	30	30	35	45	47
• Sound power level						
dB(A)** Idle	80	80	80	85	85	85
dB(A)** Processing	102	102	102	97	97	97
• Emission pressure level/workplace						
dB(A)** Idle	67	67	67	68	68	68
dB(A)** Processing	89	89	89	89	89	89
• Extraction sockets Ø mm	2 x 100	2 x 100	2 x 100	2 x 120	2 x 120	2 x 120

* recommended saw blade thickness = 1/1000 of the wheel diameter

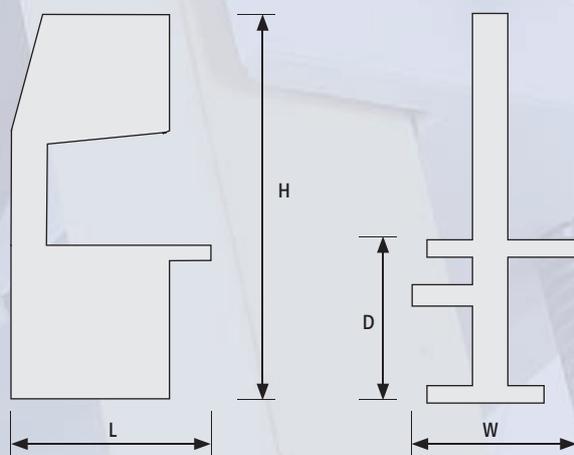
** contained insecurity K = 4 db(A)

Standard: Left design

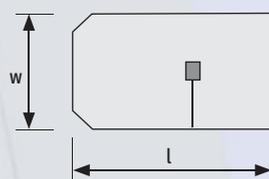
Option: Right design

Dimensions

Machine sizes mm

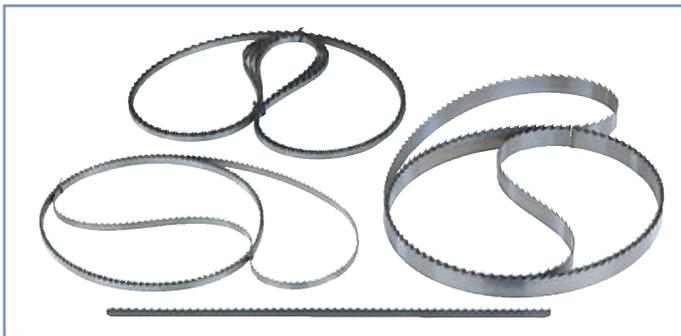


Machine table sizes mm



	BSB 400	500	600	700	800	900
L	760	930	1130	1260	1450	1590
W	490	550	640	730	900	1010
H	1740	1930	2120	2275	2475	2650
D	900	900	920	920	930	1015
l	570	670	810	990	1145	1280
w	420	495	590	695	760	835

Additional equipment from the HOKUBEMA SI-TEC programme



Band saw blades

For different areas of use and materials.



Table extension

Format: 172 x 1100 mm
Can be installed via attachment rails (see below).



Attachment rails

Can be installed at the worktable for attachment of accessories (e.g. table extension).

Drilling

Sawing

Milling

Planing

SI-TEC

Service