

Horizontal Mitre Cutting Bandsaws

HB 320 BS

SKU : 152798

The band saw of the HB BS series is designed for precise mitre cuts of up to 60 degrees and is ideal for workshops and production. With this model, it is not the vise with the material that is swiveled, but the saw frame. You can regulate the saw frame feed continuously via a hydraulic valve and also adjust it during processing. Pivoting, tensioning and clamping are carried out manually. The motor transmits its power low-maintenance and vibration-free via V-belt. The standard accessories of the machine also include a coolant device and a short roller conveyor for the material feed.

- Saw frame can swivel 60° for mitre cutting
- Semi-automated operation
- Automated stroke height control with optical sensor
- Low machine and workpiece setup times



TECHNICAL SPECS

WORKING AREA

Working height	740 mm
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CUTTING CAPACITIES

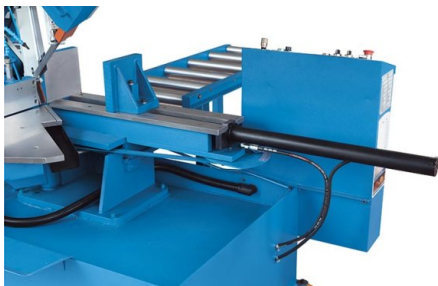
Cutting capacity 0° (round)	320 mm
Cutting capacity 0° (square)	320 mm
Cutting capacity 0° (flat)	610 mm x 320 mm
Cutting capacity 30° (round)	320 mm
Cutting capacity 30° (square)	320 mm
Cutting capacity 30° (flat)	510 mm x 320 mm (length x width)
Cutting capacity 45° (round)	320 mm
Cutting capacity 45° (square)	320 mm
Cutting capacity 45° (flat)	355 mm x 320 mm (length x width)
Cutting capacity 60° (round)	250 mm
Cutting capacity 60° (square)	210 mm
Cutting capacity 60° (flat)	320 mm x 170 mm (length x width)
Cutting speed infinitely variable	15 m/min - 120 m/min

DRIVE CAPACITY

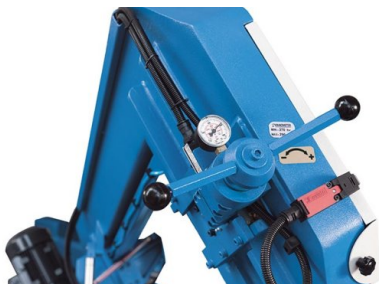
Motor rating main drive	2.2 kW
Motor rating coolant pump	0.12 kW
Motor rating hydraulic pump	0.37 kW

MEASURES AND WEIGHTS

Blade dimensions	4160 mm x 34 mm x 1.1 mm
Overall dimensions (length x width x height)	2.1 m x 1.2 m x 1.35 m
Weight	1195 kg



Hydraulic part clamping with wide clamping range



High-precision adjustment of saw blade tension



The compact drive unit delivers high torque



Rigid feed roller tables simplify material handling

PRODUCT DETAILS

- Infinitely variable hydraulic saw advance ensures optimum cutting results and minimized tool wear
- Automatic shut-off upon completion of saw process
- Band break sensor activates automatic shut-off upon band break
- Helical gears, designed for continuous operation with above average life time and low maintenance
- Infinitely variable cutting speed from 20 to 100 m/min
- Coolant system
- Rigid guide arms

HB 320 BS highlights

- Saw frame swivels allowing universal angle setting - no need to rotate the workpiece!
- Including feed roller stand, 1.2 m long
- Automatic lifting of the bandsaw with switching device for variable workpiece sizes
- Hydraulic workpiece clamping

STANDARD EQUIPMENT

Hydraulic part clamping
Coolant system
Linear stop
Feed roller table 1,2 m
Operator manual

OPTIONAL EQUIPMENT

- 3 meter roller table, SKU : 251893
- hydraulic top clamping for HB 320 BS, SKU : 251891
- Motorized 3 meter roller table, SKU : 251894
- Hydraulic blade tensioning, SKU : 251895
- 3m Roller table w. length stopper & digital readout, SKU : 257413
- 6m Roller table w. length stopper & digital readout, SKU : 257414
- Micro spray cooling system, SKU : 253851
- Laser pointer, SKU : 253753
- Clamping force controlled at operator panel, SKU : 253899