

# Horizontal Mitre Cutting Bandsaws

## HB 320 BS

**SKU : 152798**

The band saw of the HB BS series is designed for precise miter 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 miter cutting
- Semi-automated operation
- Automated stroke height control with optical sensor
- Low machine and workpiece setup times



### TECHNICAL SPECS

#### CUTTING CAPACITIES

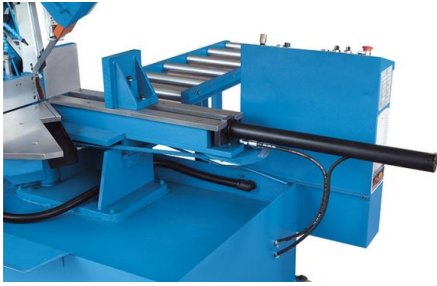
Cutting capacity 0° (round)	320 mm
Cutting capacity 0° (square)	320 mm
Cutting capacity 0° (flat) (length x width)	610 mm x 320 mm
Cutting capacity 45° (round)	320 mm
Cutting capacity 45° (square)	320 mm
Cutting capacity 45° (flat) (length x width)	355 mm x 320 mm
Cutting capacity 60° (round)	260 mm
Cutting capacity 60° (square)	225 mm
Cutting capacity 60° (flat) (length x width)	280 mm x 200 mm
Cutting speed infinitely variable	20 m/min - 100 m/min

#### DRIVE CAPACITY

Motor rating main drive	2.2 kW
Motor rating coolant pump	0.12 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 1.34 m
Weight	1000 kg

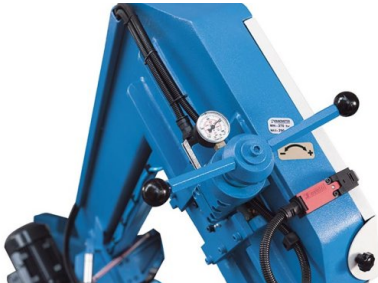


## PRODUCT DETAILS

- 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

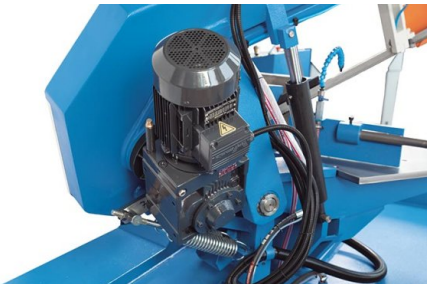
### HB 320 BS highlights

- 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 for HB 320 BS, 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
- Micro mist cooler, SKU : 254014





## KNUTH on YouTube

### Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?  
Please feel free to contact us!**