

# Horizontal Straight Cutting Bandsaws

## ABS 320 B



### SKU : 152755

The ABS 320 B is a fully automatic band saw designed for maximum reliability. The model impresses with high-quality components and a heavy, solid machine frame. The automatic feed via driven rollers in the clamping jaws enables continuous operation, perfect for single piece and series production. This inexpensive and sturdy production solution is very popular due to its high efficiency and ease of use. After more than 15 years it is still one of the best-selling KNUTH band saws.

- Material feed through feed rollers in the vice
- Height stroke limitation reduces unproductive idle time
- Workpiece counting for series production
- Manual top vise for bundle cutting

## TECHNICAL SPECS

### WORKING AREA

Roller guide length	1200 mm
Feed rollers	6 positions

### CUTTING CAPACITIES

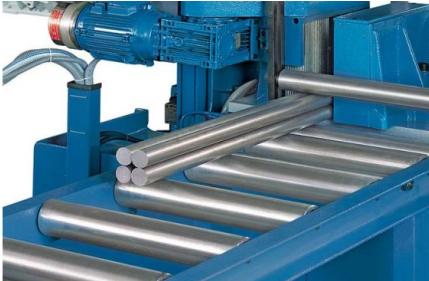
Cutting capacity 0° (round)	320 mm
Cutting capacity 0° (square)	300 mm
Cutting capacity 0° (flat) (length x width)	320 mm x 200 mm
Stop length	500 mm
Cutting speed	20 m/min - 100 m/min
Accuracy of the feeding	0.5 mm

### DRIVE CAPACITY

Motor rating main drive	2.25 kW
Motor rating hydraulic pump	0.37 kW
Motor rating coolant pump	0.12 kW
Motor rating feed	0.25 kW

### MEASURES AND WEIGHTS

Blade dimensions	3660 mm x 27 mm x 0.9 mm
Overall dimensions (length x width x height)	1.85 m x 0.85 m x 1.25 m
Weight	660 kg



*A bundle vise is provided for cutting entire material packs to length*



*Automatic limitation of frame lift-off upon completion of the cut*

## PRODUCT DETAILS

- Saw frame and machine bed are made of premium cast-iron for torsion-free performance even under maximum loads
- New helical gears ensure above-average service life and low maintenance
- Saw frame feed and cutting speed are infinitely variable
- Reliable roller feed system with hydraulic workpiece clamping
- Automatic adjustment of cutting height
- A bundle vise is provided for cutting entire material packs to length

## STANDARD EQUIPMENT

Automatic band break control  
 Bundle vise  
 Coolant system  
 Operating tools  
 Saw-band  
 Chip wiper  
 Feed roller table 1,2 m  
 Hydraulic part clamping  
 Operator instructions

## OPTIONAL EQUIPMENT

- 3 meter roller table for ABS 320 B, SKU : 251888
- chip conveyor for ABS 320 B, SKU : 251889
- Hydraulic saw blade tensioning for ABS 320 B, SKU : 253894
- Micro cooling system for ABS 380 L, SKU : 253851
- Laser pointer for ABS S NC / ABS H CNC, SKU : 253753
- Clamping force controlled at operator panel, SKU : 253899