



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	47 in
Feed rollers	6 positions

CUTTING CAPACITIES

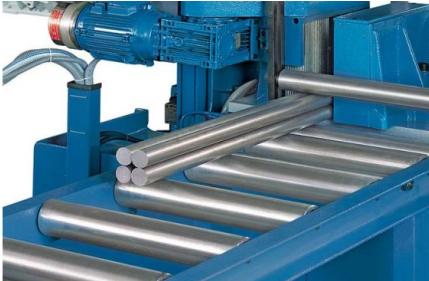
Cutting capacity 0° (round)	13 in
Cutting capacity 0° (square)	12 in
Cutting capacity 0° (flat) (length x width)	13 in x 8 in
Stop length	20 in
Cutting speed	65.4 fpm - 327 fpm
Accuracy of the feeding	0.02 in

DRIVE CAPACITY

Motor rating main drive	3 Hp
Motor rating hydraulic pump	0.5 Hp
Motor rating coolant pump	0.2 Hp
Motor rating feed	0.3 Hp

MEASURES AND WEIGHTS

Blade dimensions	144.09 in x 1.06 in x 0.04 in
Overall dimensions (length x width x height)	73 in x 34 in x 50 in
Weight	1452 lbs



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 47"
 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 spray cooling system for Band Saws 280-380, SKU : 253851
- Laser pointer, SKU : 253753
- Clamping force controlled at operator panel, SKU : 253899