

# Horizontal Mitre Cutting Bandsaws

## HB 280 BE

**SKU : 152794**

Semi-automatic HB Series horizontal band saws are the first choice for applications in repair operations and workshops. They provide high-precision cuts in steel, cast-iron and other materials. Functions like micro-adjustable saw blade feed, infinitely variable saw blade speed, and swiveling workpiece clamping device simplify handling and ensure high quality cuts.

- Hydraulic workpiece clamping
- Miter cuts up to 45°
- Optical sensor for height adjustment
- Infinitely variable cutting speed



### TECHNICAL SPECS

#### CUTTING CAPACITIES

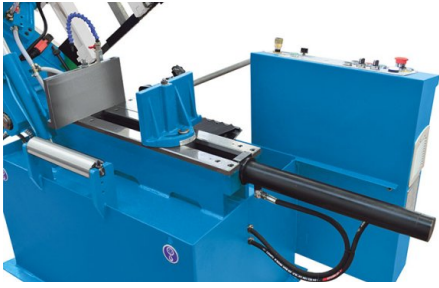
Working height	640 mm
Cutting speed infinitely variable	20 m/min - 100 m/min
Cutting capacity 0° (round)	280 mm
Cutting capacity 0° (square)	280 mm
Cutting capacity 0° (flat) (length x width)	350 mm x 200 mm
Cutting capacity 45° (round)	240 mm
Cutting capacity 45° (square)	210 mm
Cutting capacity 45° (flat) (length x width)	240 mm x 180 mm

#### DRIVE CAPACITY

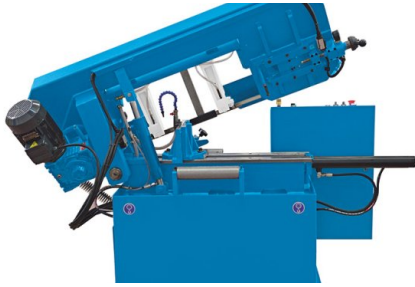
Motor rating main drive	1.5 kW
Motor rating coolant pump	0.12 kW
Motor rating hydraulic pump	0.37 kW
Motor rating servo drive	1 kW

#### MEASURES AND WEIGHTS

Blade dimensions	3400 mm x 27 mm x 0.9 mm
Overall dimensions (length x width x height)	1.8 m x 0.8 m x 1.3 m
Weight	620 kg



*Chuck jaws can be swiveled manually up to 45°*



*A motor with infinitely variable speeds transmits power via a continuous-operation idler gear to the machine drive wheel*

## PRODUCT DETAILS

- The HB 280 BE is a semi-automatic horizontal band saw for cutting to length solid materials, tubes, and profiles
- The torsionally rigid saw frame provides excellent stability and vibration-damping characteristics
- Rigid high-precision carbide saw blade guides ensure high vertical angular accuracy
- The reliable hydraulic unit provides the drive power for saw frame stroke and workpiece clamping
- Saw blade feed via micro-adjustable hydraulic valve
- All switches and controls are arranged centrally on an operator panel at the control cabinet
- Unnecessary down-times are reduced by an optically controlled change-over from rapid feed to work feed
- The correct saw blade tension can be read and checked directly on a pressure gauge display
- An automatic band breakage control, a high-performance coolant system, and a chip brush complement the standard equipment package
- An extensive optional accessories package includes everything from motor-driven roller conveyors to Minimal Quantity Lubrication (MQL)

## STANDARD EQUIPMENT

Hydraulic part clamping  
 Mechanical saw blade tensioning with hydraulic pressure gauge  
 Optical height adjustment  
 Automatic band break control  
 Linear stop  
 Coolant system  
 Saw-band  
 Saw blade cleaner brush  
 Operating tools  
 Operator instructions

## OPTIONAL EQUIPMENT

- 3 meter roller table for HB 280 B, SKU : 251881
- 3m Roller table w. length stopper & digital readout for HB 280B, SKU : 257411
- 6m Roller table w. length stopper & digital readout for HB 280B, SKU : 257412
- Micro cooling system for ABS 380 L, SKU : 253851
- Turn Table for HB 280 B, SKU : 251883
- Laser pointer for ABS S NC / ABS H CNC, SKU : 253753
- Clamping force controlled at operator panel, SKU : 253899
- Motorized 3 meter roller table for HB 280 BE, SKU : 253995
- Hydraulic blade tensioning for HB 280 BE, SKU : 253996
- Hydraulic bundling vise for HB 280 BS, SKU : 253997