



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

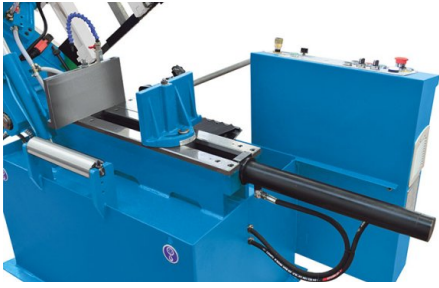
Working height	640 mm
Cutting speed infinitely variable	20 m/min - 100 m/min
Cutting capacity 0° (round)	280 mm
Cutting capacity 0° (square)	280 mm
Cutting capacity 0° (flat) (length x width)	350 mm x 200 mm
Cutting capacity 45° (round)	240 mm
Cutting capacity 45° (square)	210 mm
Cutting capacity 45°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

DRIVE CAPACITY

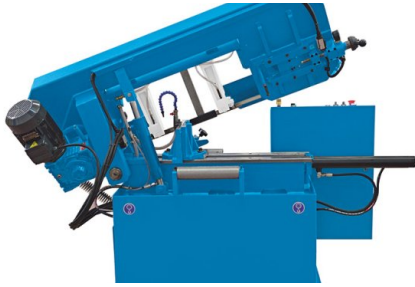
Motor rating main drive	1.5 kW
Motor rating coolant pump	0.12 kW
Motor rating hydraulic pump	0.37 kW
Motor rating servo drive	1 kW

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