



Machine may be shown with some options.

Semi-automatic Heavyduty Bandsaws

- Model Number : SH-8580D/S
- Design Style : Large Section Cutting: Billets, Ingots, Dies, Plates

Specifications

Maximum Cutting Capacity	Round	800 mm (31.5")
	Square	800 mm (31.5")
	Height x Width	800 x 850 mm (31.5" x 33.5")
Saw Blade	Size	8300L x 67W x 1.6T mm (326.8" x 2.6" x 0.06")
	Speed	15-80 m/min (49-264 ft/min)
	Tension	Hydraulic Controlled
	Guide	Tungsten Carbide Blade Guide (Hydraulic Clamping Force)
	Cleaning	Electric Power Driven Wire Brush
Motor Output	Blade	10 HP (7.5KW)
	Hydraulic	3 HP (2.2KW)
	Coolant	0.25 HP (0.19KW)
Tank	Hydraulic Oil	100 Liter
	Coolant	120 Liter

Machine Features

SH-800F/P Machine Features

Structure

- Oversized precision ground, large dual columns
- Cross link connecting two columns for enhanced structural strength
- 55 degree back-tilt angle for longer blade life
- Hydraulic shuttle vise assembly

Blade Drive

- Specially designed gearbox for high lateral pressure
- Planetary gearbox provides higher efficiency than traditional worm gear reducers (Standard for SH-800P, Optional for SH-800F)
- Inverter controlled infinitely variable blade speed

Blade Guidance & Lubrication System

- Carbide blade guides with bearing guides
- Two additional guides to support the blade from the top
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Pitch design for coolant drainage
- Synchronized power driven blade brush

Control & Automation

- Front mounted digital length counter
- LED digital blade speed monitor
- PLC control
- Automatic shutoff sensor for out of stock
- Precision feed pressure & feed rate dual valve system
- Bundle/single cutting mode switch
- Automatic work height selector & air gap eliminator

Material Feeding & Clamping

- Split vise jaws featuring automatic feeding down to remnant length of 2"
- Hydraulic front and rear vises
- Ductile cast iron vises with replaceable hardened wear plates
- Multiple indexing up to 650"
- One set of vertical alignment rollers

Safety

- Proximity switch for sensing blade slippage or breakage
- Interlock design in electrical and hydraulic system
- Conduits protection measure
- "Alert Orange" safety measure

Standard Accessories

- Blade "clip" device for easy blade change
- Additional flushing hose
- Bi-metal saw blade
- Built in work light
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

* Design & specification are subject to change without notice.

