

JATAS Machinery Sales Inc.

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Semi-automatic Heavyduty Bandsaws

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

Specifications

Max. Capacity	Round	800 mm (31.5")
	Square	800 mm (31.5")
	Rectangular(H x W)	800 x 850 mm (31.5" x 33.5")
Saw Blade	Size(LxWxT)	8300L x 67W x 1.6Tmm (3326.8" x 2.6" x 0.06")
	Speed	15-80 m/min. (49-264 fpm)
	Tension	Hydraulic Controlled
	Guide	Tungsten Carbide Blade Guide (Hydraulic Clamping Force)
	Cleaning	Electric Power Driven Wire Brush
Motor Output	Blade	10 HP (7.5 KW)
	Hydraulic	3 HP (2.2 KW)
	Coolant	0.25 HP (0.19 KW)
Tank Capacity	Hydraulic Oil	100 Liter
	Coolant	120 Liter
Vise Control Method	Hydraulic	
Split Vise	No	
Double Sides Material Feeding	No	
Weight	6000 Kgs (13200 lbs)	
A (Bed Height)	640 mm (25.2")	
B (Length)	2330 mm (92")	
C (Width)	3890 mm (153")	
D (Height)	2940 mm (116")	

SH-8580S Machine Features

Structure

- Oversized precision ground, large dual columns
- Cross link connecting two columns for enhanced structural strength

Blade Drive

- Specially designed gearbox for high lateral pressure
- Inverter controlled infinitely variable blade speed with LED speed readout

Blade Guidance & Lubrication System

- Hydraulically controlled carbide blade guides with bearing guides
- Two additional guides to support the blade from the top
- Hydraulically powered heavy-duty cast iron guide arm
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Independent wire brush system

Control & Automation

- Independent control station at convenient waist level
- LED digital blade speed monitor
- Precision feed pressure & feed rate dual valve system
- Work height selector
- "Last Cut" or "Keep On" selector switch

Material Feeding & Clamping

- Oversized front and rear vises
- Two full stroke hydraulic cylinders
- Roller workbed for convenient material loading, positioning and unloading
- Shadow light projector for convenient length measurement

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
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

* Design & specification are subject to change without notice.