

## JATAS Machinery Sales Inc.

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## Semi-automatic Heavyduty Bandsaws

- ▢ Model Number : SH-1313
- ▢ Design Style : Large Section Cutting: Billets, Ingots, Dies, Plates

### Specifications

Max. Capacity	Round	1300 mm (51")
	Square	1300 mm (51")
	Rectangular(H x W)	1300 x 1300 mm (51" x 51")
Saw Blade	Size(LxWxT)	12300L x 80W x 1.6Tmm (484" x 3.1" 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	20 HP (15 KW)
	Hydraulic	3 HP (2.2 KW)
	Coolant	0.5 HP (0.37 KW)
Tank Capacity	Hydraulic Oil	160 Liter
	Coolant	200 Liter
Vise Control Method		Hydraulic
Split Vise		Yes
Double Sides Material Feeding		No
Weight		15000 Kgs (33000 lbs)
A (Bed Height)		620 mm (24.4")
B (Length)		3000 mm (118")
C (Width)		5542 mm (218")
D (Height)		3900 mm (153.5")

## SH-1313 Machine Features

### Structure

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

### Blade Drive

- Cosen's planetary gearbox provides maximized mechanical efficiency
- Inverter controlled infinitely variable blade speed with LED blade speed readout

### Blade Guidance & Lubrication System

- Hydraulically actuated 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
- Independently driven wire brush system in sync with blade motor

### 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
- Blade change "On/Off" switch
- "Last Cut" or "Keep On" selector switch

### Material Feeding & Clamping

- Hydraulically controlled movable work bed with rollers
- Three oversized, full stroke hydraulic cylinder vises for material clamping, holding and guiding
- Stock position cylinder
- 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

- 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.

Floor plan

