

JATAS Machinery Sales Inc.

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Semi-automatic Heavyduty Bandsaws

- ▢ Model Number : SH-1311P
- ▢ Design Style : Large Section Cutting: Billets, Ingots, Dies, Plates

Specifications

Max. Capacity	Round	1100 mm (43.3")
	Square	1100 mm (43.3")
	Rectangular(H x W)	1100 x 1300 mm (43.3" x 51.2")
Saw Blade	Size(LxWxT)	11000L x 80W x 1.6Tmm (433" 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	15 HP (11.2 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		13700 Kgs (30140 lbs)
A (Bed Height)		620 mm (24.4")
B (Length)		2200 mm (86.6")
C (Width)		4900 mm (193")
D (Height)		3500 mm (137.8")

SH-1311P 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
- Heavy duty cast iron guide arm powered hydraulically
- 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

