

JATAS Machinery Sales Inc.

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Semi-automatic Heavyduty Bandsaws

- Model Number : SH-1713
- 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 1700 mm (51.2" x 67")
Saw Blade	Size(LxWxT)	13000L x 80W x 1.6Tmm (512" 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		22000Kgs (48500lbs)
A (Bed Height)		620 mm (24.4")
B (Length)		3000 mm (118")
C (Width)		5892 mm (232")
D (Height)		4228 mm (166.5")

SH-1713 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

