

JATAS Machinery Sales Inc.

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Semi-automatic Heavyduty Bandsaws

- ▢ Model Number : SH-2020D
- ▢ Design Style : Large Section Cutting: Billets, Ingots, Dies, Plates

Specifications

Max. Capacity	Round	2000 mm (78.7")
	Square	2000 mm (78.7")
	Rectangular(H x W)	2000 x 2000 mm (78.7" x 78.7")
Saw Blade	Size(LxWxT)	15920L x 80W x 1.6Tmm (option:100 mm Width) (626.7" 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	25HP (18.75 KW)
	Hydraulic	5 HP (3.75 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	30000 Kgs (66000 lbs)	
A (Bed Height)	830 mm (32.6")	
B (Length)	6600 mm (260")	
C (Width)	6340 mm (250")	
D (Height)	5800 mm (228")	

SH-2020D Machine Features

Structure

- Oversized precision ground, large dual columns
- Cross link connecting two columns for enhanced structural strength
- Four band wheel design
- Double cylinder hydraulic circuit design

Blade Drive

- Planetary gearbox provides higher efficiency than traditional worm gear reducer
- Inverter controlled infinitely variable blade speed

Blade Guidance & Lubrication System

- Hydraulic controlled carbide blade guides with bearing guides
- Two additional guides to support the blade from the top
- Automatic hydraulic blade tensioning device
- Hydraulically driven guide arm
- Integral coolant system
- Independent wire brush system

Control & Automation

- Last cut function
- LED digital blade speed monitor
- Automatic shutoff sensor for out of stock
- Precision feed pressure control valve
- Saw blade height selector

Material Feeding & Clamping

- 3 sets of full stroke hydraulic cylinder vises located on both sides of the blade
- Stock position cylinder for easier handling and lifting
- Hydraulic driven work bed for safe and convenient material loading and unloading

Safety

- Operating warning light provides a visual system of machine readiness
- Proximity switch for sensing blade slippage or breakage
- Interlock design in electrical and hydraulic system
- Conduits protection measure
- "Alert Orange" safety measure

Standard Accessories

- Laser beam light for easy cutting length measurement
- Bi-metal saw blade
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

* Design & specification are subject to change without notice.

