



## Semi-automatic Heavyduty Bandsaws

- Model Number : SH-7662
- Design Style : Large Section Cutting: Billets, Ingots, Dies, Plates

### Specifications

<b>Maximum Cutting Capacity</b>	Round	620 mm (24.4")
	Square	620 mm (24.4")
	Height x Width	620 x 760 mm (24.4" x 30")
<b>Saw Blade</b>	Size	7200L x 54W x 1.6T mm (283" x 2.1" x 0.063")
	Speed	20-100 m/min (66-328 fpm)
	Tension	Hydraulic (with blade breakage detector)
<b>Motor Output</b>	Blade	7.3 kW (10 HP)
	Hydraulic	1.5 kW (2 HP)
	Coolant	0.19 kW (1/4 HP)
<b>Tank</b>	Hydraulic	50 L (12.5 gal)
	Coolant	100 L (25 gal)

### Machine Features

## SH-7662 Machine Features

#### Structure

- Oversized precision ground, large dual columns
- Cross link connecting two columns for enhanced structural strength
- Ductile cast iron and premium cast iron utilized

#### Blade Drive

- Specially designed gearbox for high lateral pressure
- Heavy duty inverter blade drive system
- LED speed indicator

#### Blade Guidance & Lubrication System

- Cam lock carbide blade guides with bearing guides
- Two additional guides to support the blade from the top
- Automatic hydraulic blade tensioning device
- Integral coolant system

- Synchronized power driven blade brush

### **Control & Automation**

- PLC control
- Ergonomically located independent control station
- Precision feed pressure & feed rate dual valve system
- Work height selector & air gap eliminator
- "Last cut" or "keep on" selector

### **Material Feeding & Clamping**


- Split vise jaws
- Full stroke hydraulic front and rear vises
- Hydraulically powered in-feed lift roller for forward and backward feeding
- Ductile cast iron vises with replaceable hardened wear plates

### **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
- Discharge table with built-in coolant return
- Additional flushing hose
- Bi-metal saw blade
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

 **Floor plan**

