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Semi-Automatic Hydraulic Canted Frame Straight Cutting Saws

- ▣ Model Number : [SH-760F](#)
- ▣ Design Style : [Double Column Type](#)

Specifications

Model		SH-760F (7.5 blade tilt)
Max. Capacity	Round	560 mm (22")
	Rectangular (H x W)	520 x 760 mm (20.5" x 30")
Saw Blade	Speed(60Hz)	20-100 m/min (66-330 fpm)
	Size (LxWxT)	6665L x 54W x 1.6Tmm (262" x 2" x 0.063")
	Tension	Hydraulic
Motor Output	Saw Blade	10 HP (7.5 KW)
	Hydraulic	2 HP (1.5 KW)
	Coolant pump	1/4 HP (0.18 KW)
Tank Capacity	Hydraulic	50 L (12.5 gal)
	Coolant	100 L (25 gal)
Work Bed Height		700 mm (27.5")
Net Weight		2100 kgs (4620 lbs)
Gross Weight		2400 kgs (5280 lbs)
Floor Space(LxWxH)		1360 x 3375 x 2415 mm (53.5" x 133" x 95")
Shipping Space(LxWxH)		1500 x 3555 x 2285mm (59" x 140" x 90")

Machine Features

SH-760F 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

- Hydraulically actuated 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
- "Last cut" or "keep on" selector

Material Feeding & Clamping

- Split vise jaws
- Full stroke ductile cast iron vise

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**

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