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Semi-Automatic Hydraulic Swivel Head Mitering

- ▣ Model Number : [SH-700M](#)
- ▣ Design Style : [Single Side Swivel/Double Column Type](#)

Specifications

Angle				
Max. Capacity	Round	500 mm (19.7")	350 mm (13.8")	200 mm (7.9")
	Rectangular(H x W)	400 x 700 mm (15.7" x 27.6")	470 x 350 mm (18.5" x 13.8")	500 x 200 mm (19.7" x 7.9")
Saw Blade	Speed	25-95 m/min (82-312 fpm)		
	Size (LxWxT)	5450L x 41W x 1.3Tmm (214.5" x 1.6" x 0.050")		
	Tension	Hydraulic		
Motor Output	Saw Blade	7.5 HP (5.6 KW)		
	Hydraulic	1 HP (0.75 KW)		
	Coolant pump	1/4 HP (0.18 KW)		
Tank Capacity	Hydraulic	35 L (9.1 gal)		
	Coolant	50 L (13 gal)		
Work Bed Height	700 mm (27.5")			
Net Weight	3000 kgs (6600 lbs)			
Gross Weight	3400 kgs (7480 lbs)			
Floor Space(LxWxH)	1750 x 2880 x 2260 mm (69" x 113.5" x 89")			
Shipping Space(LxWxH)	3200 x 2260 x 2235 mm (126" x 89" x 88")			

Machine Features

SH-700M Machine Features

Structure

- Rigid, oversized round columns precision ground to ensure smooth and consistent feed rate
- 3.5 degree blade cant for longer blade life (7.5 degree available)
- 45 degree backward swivel with automatic angle lock-in

Blade Drive

- Specially designed gearbox for smooth and powerful cutting
- Heavy duty inverter blade drive system

Blade Guidance & Lubrication System

- Carbide blade guides
- Two additional guide bearings for extra support of the blade
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Synchronized power driven blade brush

Control & Automation

- Independent control station
- Infinitely variable blade speed control
- Precision feed pressure & feed rate dual valve system
- "Last cut" or "keep on" selector switch
- Work height selector

Material Feeding & Clamping

- Extremely heavy-duty cast iron machines vises ensuring tight clamping
- 2 sets of full stroke cylinder vises
- Shadow light projection for precise length measurement
- Hydraulically powered lifting roller for easy material positioning

Safety

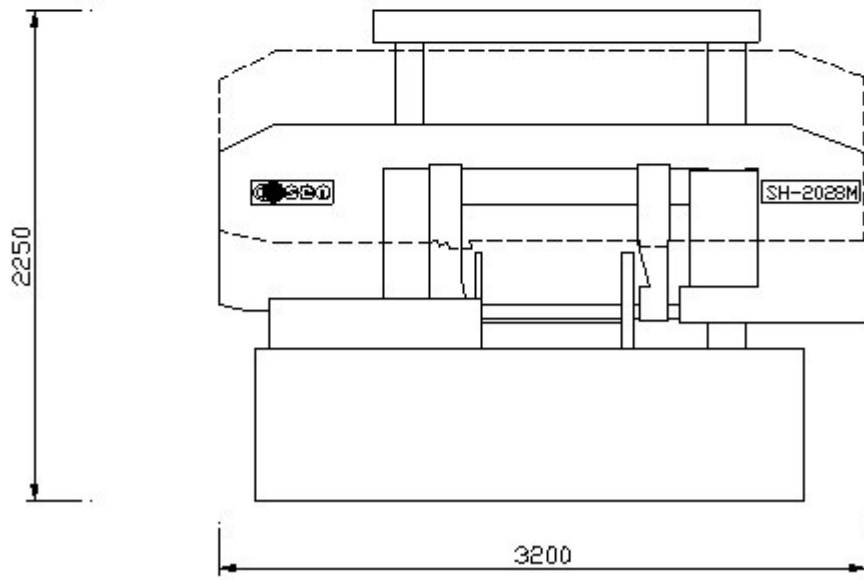
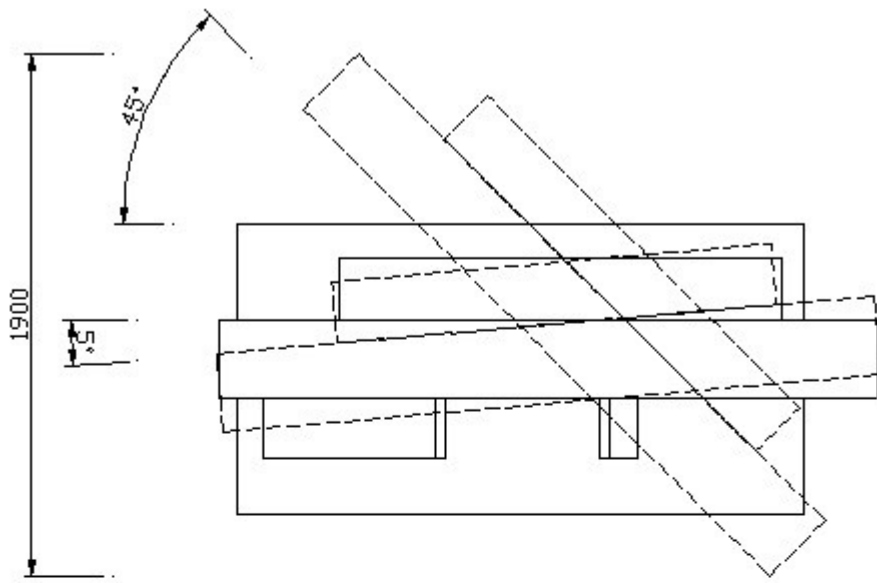
- Proximity switch for sensing blade slippage or breakage
- Electrical and hydraulic safety interlock
- Conduits protection measure
- "Alert Orange" safety measure

Standard Accessories

- Blade "clip" device for easy blade change
- Bi-metal saw blade
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

Design & Specification are subject to change without notice and obligation.

 **Floor plan**



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