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Semi-Automatic Hydraulic Swivel Head Mitering

- Model Number : [SH-650M](#)
- Design Style : [Single Side Swivel/Hinge Type](#)

Specifications

Angle		 0°	 +45°	 +60°
Max. Capacity	Round	420 mm (16.5")	400 mm (16")	250 mm (10")
	Rectangular(H x W)	380 x 650 mm (15" x 25.6")	400 x 400 mm (16" x 16")	400 x 250 mm (16" x 10")
Saw Blade	Speed	20-100 m/min (66-330 fpm)		
	Size (LxWxT)	5300L x 34W x 1.1Tmm (209" x 1.3" x 0.042")		
	Tension	Hydraulic		
Motor Output	Saw Blade	5 HP (3.75 KW)		
	Hydraulic	1 HP (0.75 KW)		
	Coolant pump	1/8 HP (0.09 KW)		
Tank Capacity	Hydraulic	45 L (11.7 gal)		
	Coolant	60 L (15.6 gal)		
Work Bed Height		750 mm (29.5")		
Net Weight		1200 kgs (2640 lbs)		
Gross Weight		1500 kgs (3300 lbs)		
Floor Space(LxWxH)		2300 x 2900 x 2500 mm (90.6" x 114" x 98.4")		
Shipping Space(LxWxH)		2920 x 2005 x 2110 mm (115" x 79" x 83")		

Machine Features

SH-650M Machine Features

Structure

- Swivel sawhead mitering from 90 to 60 degrees
- Rigid and heavy-duty pivot and trunion
- Sturdy cast work table
- 24.5" solid discharge table with coolant return

Blade Drive

- Variable speeds from 80 fpm thru 350 fpm
- Infinitely variable blade speed (option)

Blade Guidance & Lubrication System

- Carbide blade guides with roller bearings
- Two additional bearings to support blade from the top
- Cast iron guide arm supported by heavy-duty cast iron dovetail
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Synchronized blade brush

Control & Automation

- Precision feed pressure & feed rate dual valve system
- Conveniently designed control station
- Electrical components located inside the control box with main lockout disconnect
- Work height selector
- Industrial rated hydraulic components

Material Feeding & Clamping

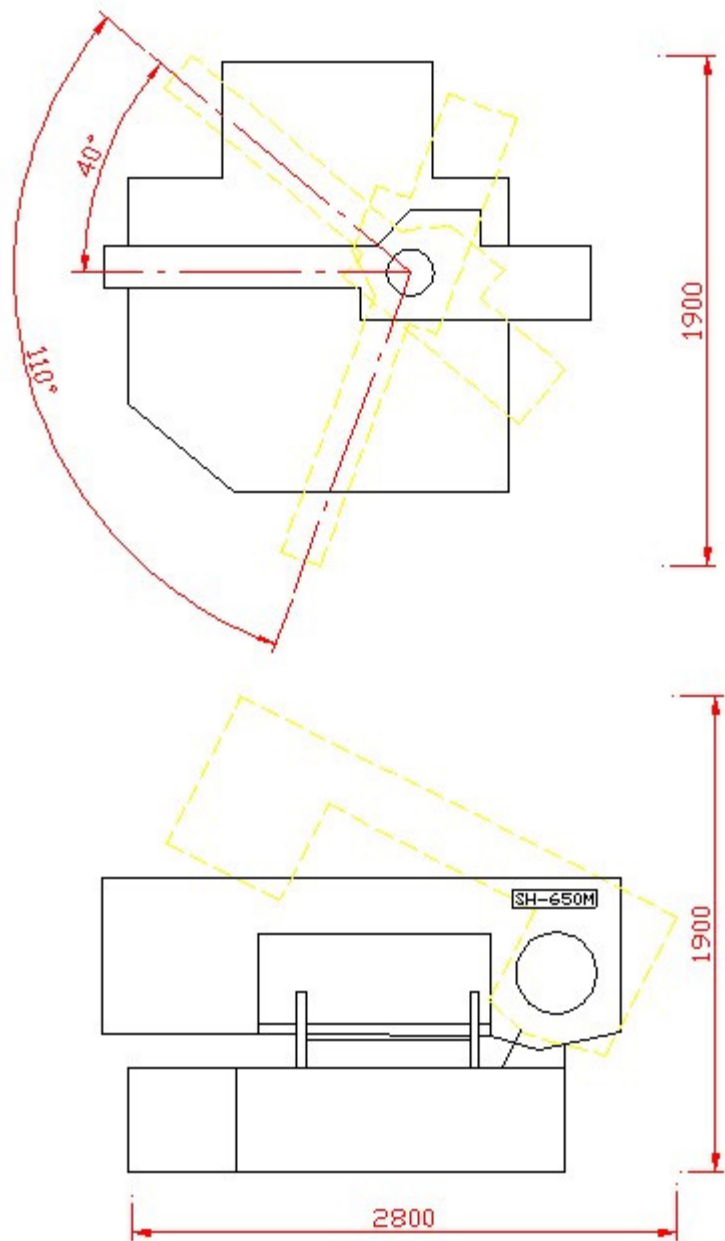
- 24.5" solid discharge table with coolant return
- 36" infeed roller table
- Full stroke machine vises

Safety

- Breakage breakage detector
- Motor start interlock
- Orange alert safety design

Standard Accessories

- Built-in adjustable material stop
- Adjustable work light
- Additional flushing hose
- Bi-metal saw blade
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual



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