



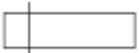


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## Semi-Automatic Swivel Head Double Mitering

- Model Number : SH-1000DM
- Design Style : Double Sides Swivel/Double Column Type

### Specifications

Angle		 0°	 ±45°	 60°
Max. Capacity	Round	660 mm (26")	620 mm (23")	400 mm (15.7")
	Rectangular(H x W)	520 x 1020 mm (20.5" x 40")	520 x 620 mm (20.5" x 24.4")	540 x 400 mm (21.3" x 15.7")
Saw Blade	Speed	15-90 m/min (49-295 fpm)		
	Size (LxWxT)	8300L x 54W x 1.6Tmm (326.8" x 2" x 0.063")		
	Tension	Hydraulic		
Motor Output	Saw Blade	10 HP (7.5 KW)		
	Hydraulic	3 HP (2.25 KW)		
	Coolant pump	1/4 HP (0.18 KW)		
Tank Capacity	Hydraulic	60 L (15.6 gal)		
	Coolant	100 L (26 gal)		
Work Bed Height		810 mm (31.9")		
Net Weight		4300 kgs (9460 lbs)		
Gross Weight		5570 kgs (12254 lbs)		
Floor Space(LxWxH)		3750 x 3900 x 2765 mm (148" x 154" x 109")		
Shipping Space(LxWxH)		2945 x 2185 x 2435 mm (162" x 86" x 96")		

### Machine Features

## SH-1000DM Machine Features

#### Structure

- Precision ground, oversized round column design
- 7.5 degree blade cant for longer blade life
- Heavy duty, rigid saw frame supported by two large bore hydraulic cylinders
- Cross link connecting the two columns for enhanced structural strength

- 45 degree forward & backward swivel with automatic angle lock-in

### **Blade Drive**

- Specially designed planetary drive for smooth and powerful cutting
- Heavy duty inverter blade drive system
- Easy-to-read LED speed indicator

### **Blade Guidance & Lubrication System**

- Hydraulically operated carbide blade guides
- Two additional guide bearings for extra support of the blade
- Automatic hydraulic blade tensioning device
- Hydraulically actuated guide arm
- Integral coolant system
- Synchronized power driven blade brush

### **Control & Automation**

- Independent control station
- Precision feed pressure & feed rate dual valve system
- LED speed indicator
- "Last cut" or "keep on" selector switch

### **Material Feeding & Clamping**

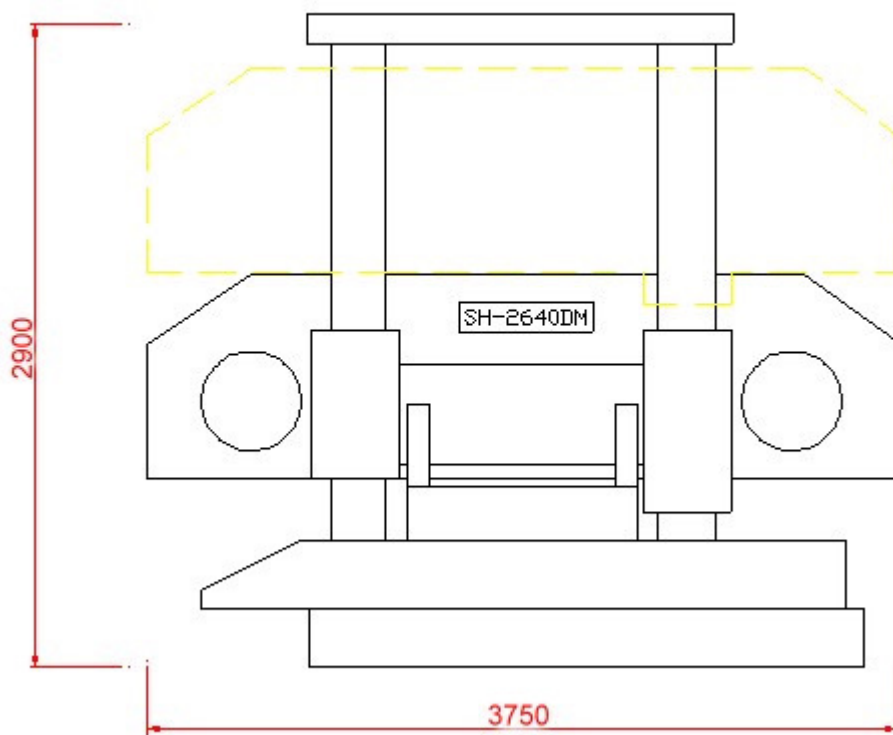
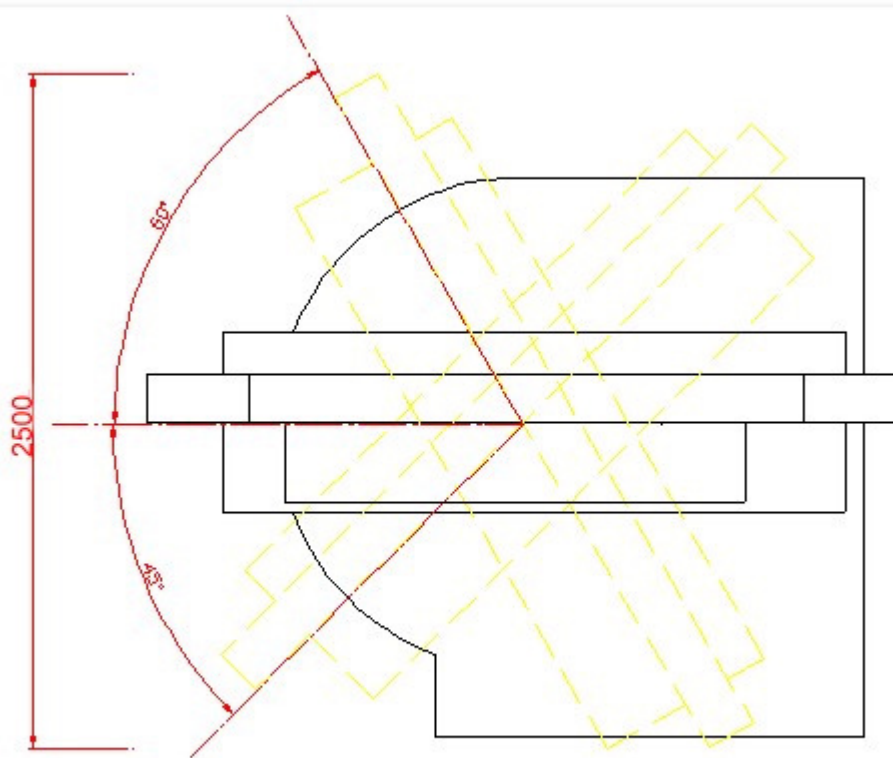
- Vise pressure detector
- Hydraulically powered material infeed lift roller
- Idle roller work table for material feeding
- Light projection for precise length measurement
- Full stroke double retracting vise
- Full stroke cylinder vises

### **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



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