



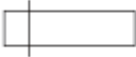

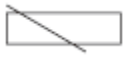
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## Semi-Automatic Swivel Head Double Mitering

- ▣ Model Number : **SH-1500DM**
- ▣ Design Style : **Double Sides Swivel/Double Column Type**

### Specifications

Angle		 0°	 ±45°	 60°
Max. Capacity	Round	850 mm (33.5")	800 mm (31.5")	580 mm (22.8")
	Rectangular(H x W)	750 x 1500 mm (29.5" x 59")	750 x 900 mm (29.5" x 35.4")	750 x 580 mm (29.5" x 22.8")
Saw Blade	Speed	20-100 m/min (66-330 fpm)		
	Size (LxWxT)	11880L x 67W x 1.6Tmm (468" x 2.6" x 0.063")		
	Tension	Hydraulic		
Motor Output	Saw Blade	15 HP (11.25 KW)		
	Hydraulic	3 HP (2.25 KW)		
	Coolant pump	1/2 HP (0.375 KW)		
Tank Capacity	Hydraulic	80 L (20.8 gal)		
	Coolant	150 L (39 gal)		
Work Bed Height		1295 mm (51")		
Net Weight		1800 kgs (39600 lbs)		
Gross Weight		21000 kgs (46200 lbs)		
Floor Space(LxWxH)		5160 x 5550 x 4200 mm (203" x 219" x 165")		
Shipping Space(LxWxH)		5840 x 2185 x 3505 mm (230" x 86" x 138")		

### Machine Features

## SH-1500DM Machine Features

#### Structure

- Precision ground, chrome-plated column design
- 10 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

- Forward & backward swivel with automatic angle lock-in

### **Blade Drive**

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

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

- Hydraulically operated carbide blade guides
- Two additional guides 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
- "Last cut" or "keep on" selector switch
- PLC control

### **Material Feeding & Clamping**

- 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

 **Floor plan**

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