

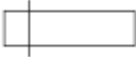

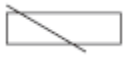


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Semi-Automatic Swivel Head Double Mitering

- ▣ Model Number : **SH-800DM**
- ▣ Design Style : **Double Sides Swivel/Double Column Type**

Specifications

Angle		 0°	 ±45°	 60°
Max. Capacity	Round	500 mm (20")	450 mm (17.7")	400 mm (16")
	Rectangular(H x W)	400 x 800 mm (16" x 31")	400 x 550 mm (16" x 21")	400 x 400 mm (16" x 16")
Saw Blade	Speed	20-100 m/min (66-330 fpm)		
	Size (LxWxT)	6600L x 54W x 1.3Tmm (260" x 2" x 0.050")		
	Tension	Hydraulic		
Motor Output	Saw Blade	7.5 HP (5.6 KW)		
	Hydraulic	3 HP (2.25 KW)		
	Coolant pump	1/2 HP (0.375 KW)		
Tank Capacity	Hydraulic	85 L (22.1 gal)		
	Coolant	200 L (52 gal)		
Work Bed Height	1085 mm (42.7")			
Net Weight	4200 kgs (9240 lbs)			
Gross Weight	4500 kgs (9900 lbs)			
Floor Space(LxWxH)	3120 x 3530 x 2725 mm (122.8" x 139" x 107")			
Shipping Space(LxWxH)	3655 x 2285 x 2515 mm (144" x 90" x 99")			

Machine Features

SH-800DM Machine Features

Structure

- Precision ground, oversized round 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

- 45 degree forward & 60 degree 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

 **Floor plan**

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