



Semi-Automatic Swivel Head Double Mitering SH-1000DM

Cosen employs a rigid, oversized round column design, which keeps the same penetrating angle to the material from top to bottom of cut. The blade cant design is particularly useful when cutting large I-beams or other structural shapes as it creates more even load per blade tooth, thus increasing cutting efficiency and blade life. There is no question that the twin column and canted frame is the way to go at structural cutting.

ITEMS	COSEN SH-1000DM		
Angle	0°	±45°	±60°
Capacity Round	660 mm (26")	620 mm (23")	400 mm (15.7")
Capacity Rectangle (HxW)	520x1020mm (20.5"x40")	520x620mm (20.5"x24.4")	540x400mm (21.3"x15.7")
Blade Speed	15-90 m/min (49-295fpm)		
Blade Size (LxWxT)	8300 x 54 x 1.6 mm (326.8"x 2.1"x 0.063")		
Blade Motor	10 HP (7.5 kW)		
Hydraulic Motor	3 HP (2.25 kW)		
Coolant Motor	1/4 HP (0.18 kW)		
Vise Control method	Hydraulic Full Stroke Cylinder		
Workbed Height	810 mm (31.9")		
Gross Weight	5570 kgs (12254 lbs)		
Floor Space (LxWxH)	3750 x 3900 x 2765 (148" x 154" x 109")		

*We reserve the right to modify the specification and design of machine without prior notice.

Equipment

1. Adjustable material stop	OPTIONAL: Hydraulic Chip Conveyor
2. Adjustable work light	OPTIONAL: Vise Pressure regulator
3. Additional flushing hose for cleaning	OPTIONAL: Nesting fixture
4. Bi-metal saw blade	OPTIONAL: 2M Roller Table
5. Tool Box with tools, leveling pads, and an additional wire brush	