

Semi-Automatic Miter-Cutting Band Saws



PRECISE angle locking & cutting

The swivel sawhead allows the user to lock and cut at any angle up to 60°.

The precision pivot system facilitates easy and accurate adjustment for angle cuts.

Cosen's SH-650M/600DM/700DM utilize a protractor and pointer in clear view and away from any chips covering the numbers.



MODEL		SH-800DM			SH-700M (7.5° blade cant)			SH-700DM			SH-600DM			SH-650M		
Angle																
Capacity	Round	500 mm (20")	450 mm (17.7")	400 mm (16")	500 mm (19.7")	350 mm (13.8")	200 mm (7.9")	450 mm (17.7")	450 mm (17.7")	300 mm (11.8")	330 mm (13")	300 mm (11.8")	330 mm (13")	420 mm (16.5")	400 mm (16")	250 mm (10")
	Rectangular (HxW)	400 x 800 mm (16" x 31")	400 x 550 mm (16" x 21")	400 x 400 mm (16" x 16")	400 x 700 mm (15.7" x 27.6")	470 x 350 mm (18.5" x 13.8")	500 x 200 mm (19.7" x 7.9")	450 x 700 mm (17.7" x 27.5")	450 x 520 mm (17.7" x 20.5")	450 x 300 mm (17.7" x 11.8")	330 x 600 mm (13" x 23.6")	330 x 400 mm (13" x 16")	330 x 300 mm (13" x 11.8")	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)			25-95 m/min (82-312 fpm)			20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)			20-100 m/min (66-330 fpm)		
	Size(LxWxT)	6600 x 54 x 1.3 mm (260" x 2" x 0.050")			5450 x 41 x 1.3 mm (214.5" x 1.6" x 0.050")			5800 x 41 x 1.3 mm (228" x 1.6" x 0.050")			4880 x 34 x 1.1 mm (192" x 1.3" x 0.042")			5300 x 34 x 1.1 mm (209" x 1.3" x 0.042")		
Motor output	Tension	Hydraulic			Hydraulic			Hydraulic			Hydraulic			Hydraulic		
	Saw blade	7.5 HP (5.6 KW)			7.5 HP (5.6 KW)			7.5 HP (5.6 KW)			5 HP (3.75 KW)			5 HP (3.75 KW)		
	Hydraulic	3 HP (2.25 KW)			1 HP (0.75 KW)			1 HP (0.75 KW)			1 HP (0.75 KW)			1 HP (0.75 KW)		
Tank capacity	Coolant pump	1/2 HP (0.375 KW)			1/4 HP (0.18 KW)			1/8 HP (0.1 KW)			1/8 HP (0.1 KW)			1/8 HP (0.09 KW)		
	Hydraulic	85 L (22.1 gal)			35 L (9.1 gal)			45 L (11.7 gal)			40 L (10.4 gal)			45 L (11.7 gal)		
Vise	Coolant	200 L (52 gal)			50 L (13 gal)			120 L (31.2 gal)			100 L (26 gal)			60 L (15.6 gal)		
	Control method	Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder			Hydraulic Full Stroke Cylinder		
Workbed height		1085 mm (42.7")			700 mm (27.5")			750 mm (29.5")			720 mm (28.35")			750 mm (29.5")		
Gross Weight		4500 kgs (9900 lbs)			3400 kgs (7480 lbs)			2400 kgs (5280 lbs)			1800 kgs (3960 lbs)			1800 kgs (3960 lbs)		
Floor space (LxWxH)		3120 x 3530 x 2725 mm (122.8" x 139" x 107")			1750 x 2880 x 2260 mm (69" x 113.5" x 89")			2700 x 3150 x 2720 mm (106.3" x 124" x 107")			2220 x 2900 x 2210 mm (87.4" x 114" x 87")			2300 x 2900 x 2500 mm (90.6" x 114" x 98.4")		