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## SNC Automatic Swivel Head Mitering

- Model Number : C-650MNC
- Design Style : Single Side Swivel/Hinge Type

### Specifications

Angle		 0°	 +45°	 +60°
Max. Capacity	Round	420 mm (16.5")	400 mm (16")	250 mm (10")
	Rectangular(H x W)	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)		
	Size (LxWxT)	5300L x 41W x 1.3Tmm (209" x 1.6" x 0.050")		
	Tension	Hydraulic		
Motor Output	Saw Blade	7.5 HP (5.6 KW)		
	Hydraulic	1 HP (0.75 KW)		
	Coolant pump	1/4 HP (0.18 KW)		
Tank Capacity	Hydraulic	65 L (16.9 gal)		
	Coolant	115 L (29.9 gal)		
Feeding Length	Per Stroke	800 mm (31.5")		
	Multi Stroke	max. 6500 mm (650")		

Work Bed Height	750 mm (29.5")
Net Weight	2800 kgs (6160 lbs)
Gross Weight	3000 kgs (6600 lbs)
Floor Space(LxWxH)	3600 x 2900 x 2500 mm (141.7" x 114" x 98.4")
Shipping Space(LxWxH)	3655 x 2285 x 2110 mm (144" x 90" x 83")

## Machine Features

### C-650MNC Machine Features

#### Structure

- Swivel sawhead mitering from 90 to 60 degrees
- Hydraulic shuttle vise assembly
- Sturdy cast work table
- 620mm (24.5") solid discharge table with coolant return

#### Blade Drive

- Specialized worm gear reducer
- Infinitely variable blade speed

#### Blade Guidance & Lubrication System

- Carbide blade guides with roller bearings
- Two additional bearings to support blade from the top
- Cast iron guide arms supported by heavy-duty cast iron dovetail
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Synchronized blade brush

#### Control & Automation

- Smart NC-20 (SNC-20) technology programmable up to 20 different jobs
- Automatic kerf compensation & automatic multiple indexing
- "Save-a-Blade" design to prevent tooth deformities
- Automatic shutdown
- Error code display for simplified self-diagnostics
- LCD screen with film type key pad, blade speed/life, feed vise position display
- Precision feed pressure & feed rate dual valve system
- Bundle/single cutting mode switch
- Conveniently designed control station
- Electrical components located inside the control box with main lockout disconnect
- Automatic work height selector & rapid blade approach system

#### Material Feeding & Clamping

- NC controlled material feeding
- Full stroke machine vises
- Sturdy cast work table with multiple horizontal rollers & 620mm solid discharge table

## **Safety**

- Proximity switch for sensing blade slippage or breakage
- Interlock design in electrical and hydraulic system
- Conduits protection measure
- "Alert Orange" safety measure

## **Standard Accessories**

- Additional flushing hose
- Adjustable work light
- Bi-metal saw blade
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

Design and specifications are subject to change without notice and obligation.

 **Floor plan**

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