

**JATAS Machinery Sales Inc.**



503 Frontage Ave. W  
 Underwood, MN 56586  
 800-743-2435 / 218-826-6464



**SNC Automatic Swivel Head Mitering**

- ▢ Model Number : C-500MNC
- ▢ Design Style : Hinge Type

**Specifications**

Angle		 0°	 +45°
Max. Capacity	Round	330 mm (13")	290 mm (11.5")
	Rectangular (H x W)	280 x 500 mm (11 " x 19.7")	265 x 265 mm (10.5" x 10.5")
Saw Blade	Speed(60Hz)	20-100 m/min (66-330 fpm)	
	Size (LxWxT)	4670L x 34W x 1.1Tmm (184" x 1.3" x 0.042")	
	Tension	Hydraulicl	
Motor Output	Saw Blade	5 HP (3.75 KW)	
	Hydraulic	1 HP (0.75 KW)	
	Coolant Pump	1/8 HP (0.1 KW)	
Tank Capacity	Hydraulic	40 L (10.4 gal)	
	Coolant	55 L (14.3 gal)	
Feeding Length	Per Stroke	607 mm (23.9")	
	Multi Stroke	max. 6500mm (650")	
Work Bed Height		720 mm (28.3")	
Net Weight		1500 kgs (3300 lbs)	
Gross Weight		1700 kgs (3745 lbs)	
Floor Space(LxWxH)		2900 x 2600 x 2200 mm (114" x 102" x 86.6")	
Shipping Space(LxWxH)		2970 x 2285 x 1880 mm (117" x 90" x 74")	

## **C-500MNC Machine Features**

### **Structure**

- Swivel sawhead mitering from 90 to 45 degrees
- Easy smooth angle change via precision pivot system
- Hydraulic shuttle vise assembly
- Sturdy cast work table
- 460 mm (18") 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
- Blade tensioning device
- Integral coolant system
- Synchronized blade brush

### **Control & Automation**

- Smart NC-100 (SNC-100) technology
- Programmable up to 100 individual cutting jobs via HMI touch screen
- Automatic shutoff after cutting jobs complete or when out of stock
- Precision feed pressure & feed rate dual valve system
- Bundle/single cutting mode switch
- Rapid troubleshooting via error feedback system
- Automatic work height selector & air gap eliminator
- Ergonomically located independent control station

### **Material Feeding & Clamping**

- NC controlled material feeding
- Full stroke machine vises
- Sturdy cast work table with multiple horizontal rollers & 460 mm 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.