

**JATAS Machinery Sales Inc.**

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**SNC Automatic Swivel Head Double Mitering**

- ▢ Model Number : C-700DMNC
- ▢ Design Style : Double Sides Swivel/Hinge Type

**Specifications**

Angle		0°	±45°	+60°
Max. Capacity	Round	450 mm (17.7")	450 mm (17.7")	300 mm (11.8")
	Rectangular(H x W)	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")
Saw Blade	Speed	20-100 m/min (66-330 fpm)		
	Size (LxWxT)	5800L x 41W x 1.3Tmm (228" x 1.6" x 0.050")		
	Tension	Hydraulic		
Motor Output	Saw Blade	7.5 HP (5.6 KW)		
	Hydraulic	2 HP (1.5 KW)		
	Coolant pump	1/4 HP (0.18 KW)		
Tank Capacity	Hydraulic	74 L (19.24 gal)		
	Coolant	120 L (31.2 gal)		
Feeding Length	Per Stroke	1000 mm (39.4")		
	Multi Stroke	max. 6500 mm (650")		
Work Bed Height		750 mm (29.5")		
Net Weight		2500 kgs (5500 lbs)		
Gross Weight		2800 kgs (6160 lbs)		
Floor Space(LxWxH)		4230 x 3300 x 2720 mm (166.5" x 130" x 107")		
Shipping Space(LxWxH)		3170 x 2285 x 2110 mm (146" x 90" x 83")		

## **C-700DMNC Machine Features**

### **Structure**

- Swivel sawhead mitering from +60 to -45 degree
- Hydraulic shuttle vise assembly
- Sturdy cast work table
- 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-100 (SNC-100) technology
- Programmable up to 100 individual cutting jobs via HMI touch screen
- Automatic kerf compensation
- "Save-a-Blade" design to prevent tooth deformities
- Automatic work height selector & air gap eliminator
- Automatic shutoff after cutting jobs complete or when out of stock
- Precision feed pressure & feed rate dual valve system
- Bundle/single cutting mode switch
- Ergonomically located independent control station
- Rapid troubleshooting via error feedback system

### **Material Feeding & Clamping**

- NC controlled material feeding
- Full stroke machine vises
- Ductile cast iron vise
- Two-speed stock feeding design
- Sturdy cast work table with multiple horizontal rollers & 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.