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## NC-99 Automatic Saw with Shuttle Vise

- ▣ Model Number : **NC-300H**
- ▣ Design Style : **Hinge Type**

### Specifications

Max. Capacity	Round	300 mm (12")	
	Square	300 mm (12")	
	Rectangular(H x W)	355 x 300 mm (14" x 12")	
Saw Blade	Speed	60Hz	15-20 m/min (50-390 fpm)
		50Hz	13-100 m/min (42-325 fpm)
	Size (WxTxL)	34W x 1.06T x 3660L mm (1 1/4" x 0.042" x 144")	
	Tension	Hydraulic (Automatic blade breakage detection)	
Motor Output	Hydraulic	1 HP (0.75 KW)	
	Saw Blade	5 HP (3.75 KW)	
	Coolant Pump	1/8 HP (0.09 KW)	
Hydraulic Oil	Capacity	25 L (6.2 gal.)	
	Output	27 kg/cm <sup>2</sup> (384 psi)	
Coolant	Capacity	45 L (11.2 gal)	
Vise Control		Hydraulic,Full Stroke,Zero Clamping	
Feeding	Mode	Hydraulically Automatic,NC Programmable,99 Stations	
	Per Stroke	400 mm	
	Cut-off Length	5-9999.9 mm	
Preset Work Piece		1-999	
Kerf Compensation		Automatic	
Input Device		Filmed Key Board	
Screen		LED Display	
Work Bed Height		650 mm (25.6")	
Net Weight		1650 kgs (3300 lbs)	
Gross Weight		1850 kgs (3740 lbs)	
Floor Space(LxWxH)		1890 x 1905 x 1700 mm (75" x 75" x 67")	
Shipping Space(LxWxH)		2184 x 2108 x 1778 mm (86" x 83" x 70")	

## NC-300H Machine Features

### Structure

- Oversized hydraulic cylinder
- Back-tilted saw frame for longer blade life
- Hydraulic shuttle vise assembly

### Blade Drive

- Specially designed gearbox for high lateral pressure
- Inverter controlled infinitely variable blade speed

### Blade Guidance & Lubrication System

- Carbide blade guides with bearing guides
- Two additional guides to support the blade from the top
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Synchronized power driven blade brush

### Control & Automation

- NC-99 technology programmable up to 20 different jobs
- Automatic kerf compensation & automatic multiple indexing
- "Save-a-Blade" design to prevent tooth deformities
- Automatic shutdown
- Automatic first cut function
- 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
- Automatic work height selector & air gap eliminator

### Material Feeding & Clamping

- Split vise jaws featuring automatic feeding down to remnant length of 50mm (2")
- Full stroke hydraulic front and rear vises with zero clamping
- Ductile cast iron vises with replaceable hardened wear plates
- Computer controlled multiple indexing
- One set of vertical alignment rollers
- Discharge table with built-in coolant return

### 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

- Blade "clip" device for easy blade change
- Adjustable material stop

- Additional flushing hose
- Bi-metal saw blade
- Built in work light
- 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**

**Close** 