

JATAS Machinery Sales Inc.

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NC-99 Automatic Saw with Shuttle Vise

- ▢ Model Number : NC-400H
- ▢ Design Style : Hinge Type

Specifications

Max. Capacity	Round	400 mm (16")	
	Square	400 mm (16")	
	Rectangular(H x W)	400 x 400 mm (16" x 16")	
Saw Blade	Speed	60Hz	15-20 m/min (50-390 fpm)
		50Hz	13-100 m/min (42-325 fpm)
	Size (WxTxL)	41W x 1.3T x 4570L mm (1 1/2" x 0.05" x 180")	
	Tension	Hydraulic (Automatic blade breakage detection)	
Motor Output	Hydraulic	2 HP (1.5 KW)	
	Saw Blade	7.5 HP (5.6 KW)	
	Coolant Pump	1/4 HP (0.18 KW)	
Hydraulic Oil	Capacity	40 L (10 gal.)	
	Output	38 kg/cm ² (540 psi)	
Coolant	Capacity	80 L (20 gal)	
Vise Control		Hydraulic,Full Stroke,Zero Clamping	
Feeding	Mode	Hydraulically Automatic,NC Programmable,99 Stations	
	Per Stroke	600 mm	
	Cut-off Length	10-9999.9 mm	
Preset Work Piece		1-999	
Kerf Compensation		Automatic	
Input Device		Filmed Key Board	
Screen		LED Display	
Work Bed Height		750 mm (30")	
Net Weight		2600 kgs (5720 lbs)	
Gross Weight		2800 kgs (6160 lbs)	
Floor Space(L xWxH)		2650 x 2400 x 2350 mm	

	(105" x 95" x 93")
Shipping Space(LxWxH)	2794 x 2286 x 1829 mm (110" x 90" x 72")

Machine Features

NC-400H 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 99 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 80mm (3.15")
- Double retracting vise jaws
- 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
- Multiple horizontal rollers to facilitate smooth material feeding
- 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.