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SNC Automatic Saw with Shuttle Vise

- ▣ Model Number : **C-620NC**
- ▣ Design Style : **Double Column Type**

Specifications

Capacity	Round	620 mm (24.4")
	Square	620 mm (24.4")
	Rectangular(H x W)	760 x 620 mm (30" x 24.4")
Bundle Capacity	Width	600-700 mm
	Height	180-390 mm
Saw Blade	Speed	20-100 m/min. (66-328 fpm)
	Size(LxWxT)	7200L x 54W x 1.6Tmm (283" x 2.1" x 0.06")
	Tension	Hydraulic (Automatic blade breakage detection)
Motor Output	Saw blade	10 HP (7.5 KW)
	Hydraulic	2 HP (1.5 KW)
	Coolant	1/4 HP (0.19 KW)
Hydraulic Tank		40 L (10.6 gal.)
Coolant Tank		85 L (22.5 gal.)
Vise Control		Hydraulic Full Stroke Cylinder
Automatic Indexing Length	Single	600 mm (23.6")
	Multiple	Max. 6500 mm (max. 650")
	Rest Piece	160 mm (6.3")
Height of Work Bed		600 mm (23.6")
Net/Gross Weight		4800/5400 kgs
Floor Space		2200 x 3700 mm (86.6" x 145.6")

Machine Features

C-620NC Machine Features

Structure

- Oversized precision ground, large dual columns
- Cross link connecting two columns for enhanced structural strength

- Massive cast iron band wheels
- Hydraulic shuttle vise assembly

Blade Drive

- Specially designed gearbox for high lateral pressure
- Inverter blade drive system
- LED speed indicator

Blade Guidance & Lubrication System

- Hydraulically actuated carbide blade guides with bearing guides
- Two additional guides to support the blade from the top
- Automatic hydraulic blade tensioning device
- Hydraulically actuated heavy duty cast guide arms
- Integral coolant system
- Synchronized power driven 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
- Error code display for simplified self-diagnostics
- LCD screen with film type key pad, blade speed/life, feed vise position display
- Bundle/single cutting mode switch
- Precision feed pressure & feed rate dual valve system
- Automatic work height selector & air gap eliminator
- Ergonomically located independent control station

Material Feeding & Clamping

- Multiple indexing
- Hydraulically controlled feed vise
- Double retracting vise
- Split vise jaws
- Full stroke hydraulic front and rear vises
- Ductile cast iron vises with replaceable hardened wear plates
- Horizontal take-in rollers

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 front plate for cut-off stock
- Additional flushing hose
- Bi-metal saw blade
- Built in work light

- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

Design & Specification are subject to change without notice and obligation.

 **Floor plan**

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