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SNC Automatic Saw with Shuttle Vise

- ▣ Model Number : **C-320NC**
- ▣ Design Style : **Double Column Type**

Specifications

Capacity	Round	320 mm (12.6")
	Square	320 mm (12.6")
	Rectangular(H x W)	380 x 320 mm (15" x 12.6")
Bundle Capacity	Width	190-300 mm
	Height	70-140 mm
Saw Blade	Speed	20-100 m/min. (66-328 fpm)
	Size(LxWxT)	4240L x 34W x 1.1Tmm (184" x 1.3" x 0.05")
	Tension	Hydraulic (Automatic blade breakage detection)
Motor Output	Saw blade	5 HP (3.7 KW)
	Hydraulic	1HP (0.75 KW)
	Coolant	1/8 HP (0.1 KW)
Hydraulic Tank		25 L (6.6 gal.)
Coolant Tank		45 L (11.9 gal.)
Vise Control		Hydraulic
Automatic Indexing Length	Single	403 mm (15.9")
	Multiple	Max. 6500 mm (max. 650")
	Rest Piece	50 mm (2")
Height of Work Bed		790 mm (31")
Net/Gross Weight		2000/2200 kgs
Floor Space		2010 x 2000 mm (79" x 79")

Machine Features

C-320NC Machine Features

Structure

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

- 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
- Pitch design for coolant drainage
- 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
- Automatic shutdown
- 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")
- Hydraulic front and rear vises
- Ductile cast iron vises with replaceable hardened wear plates
- Computer controlled multiple indexing up
- One set of vertical alignment rollers

Safety

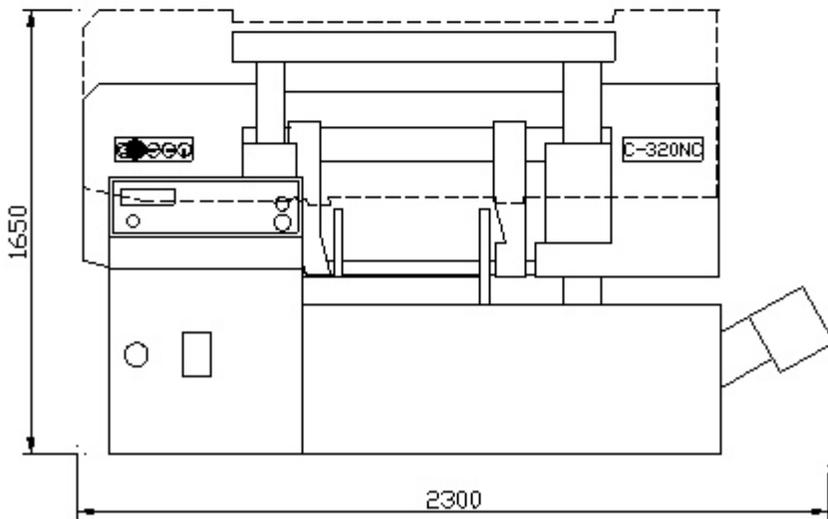
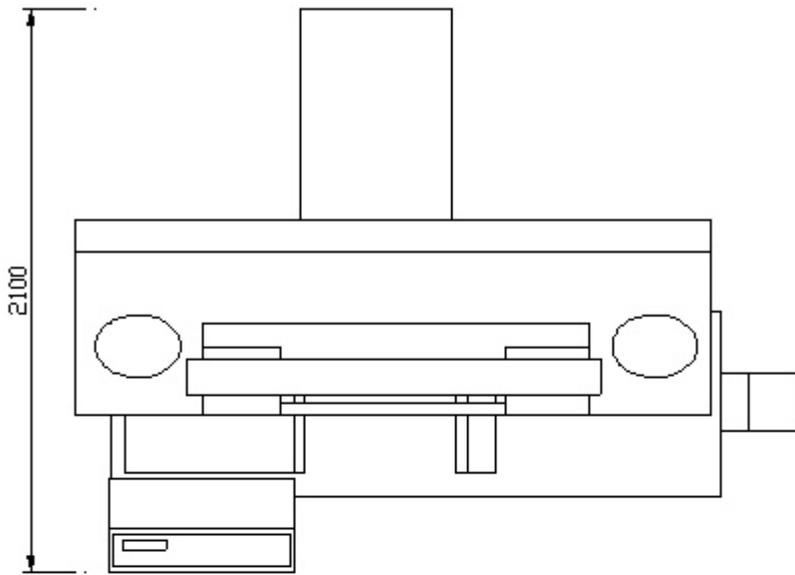
- Proximity switch for sensing blade slippage or breakage
- Interlock design in electrical and hydraulic system
- Conduits protection measure
- "Alert Orange" safety measure

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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