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SNC Automatic Saw with Shuttle Vise

- ▣ Model Number : **C-400NC**
- ▣ Design Style : **Hinge Type**

Specifications

Capacity	Round	400 mm (16")
	Square	400 mm (16")
	Rectangular(H x W)	400 x 400 mm (16" x 16")
Bundle Capacity	Width	215-295 mm
	Height	100-190 mm
Saw Blade	Speed	20-100 m/min. (66-328 fpm)
	Size(LxWxT)	4570L x 41W x 1.3Tmm (180" x 1.6" x 0.05")
	Tension	Hydraulic (Automatic blade breakage detection)
Motor Output	Saw blade	7.5 HP (5.5 KW)
	Hydraulic	2 HP (1.5 KW)
	Coolant	1/4 HP (0.19 KW)
Hydraulic Tank		40 L (10.6 gal.)
Coolant Tank		80 L (21 gal.)
Vise Control		Hydraulic Full Stroke Cylinder
Automatic Indexing Length	Single	593 mm (23.3")
	Multiple	Max. 6500 mm (max. 650")
	Rest Piece	90 mm (3.5")
Height of Work Bed		750 mm (29.5")
Net/Gross Weight		2550/2750 kgs
Floor Space		2450 x 2310mm (96" x 91")

Machine Features

C-400NC 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

- 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 80mm (3.15")
- Double retracting vise jaws
- Full stroke hydraulic front and rear vises
- 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

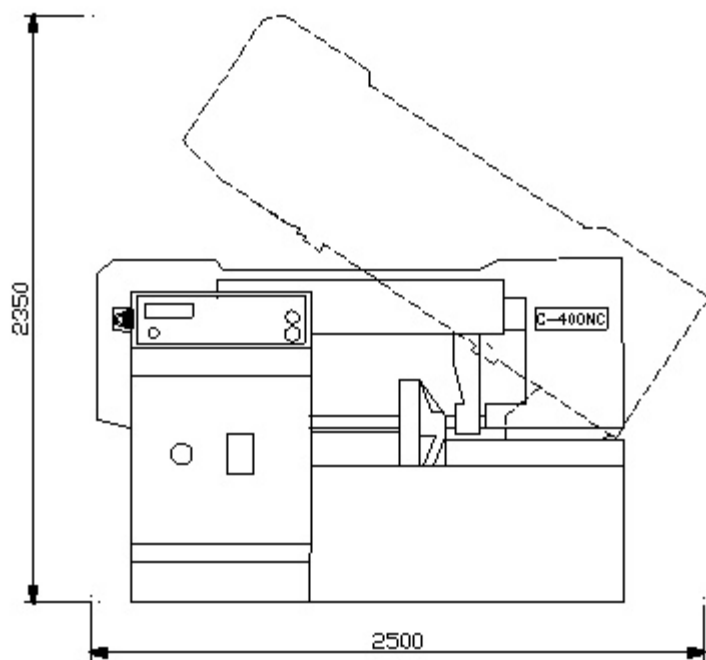
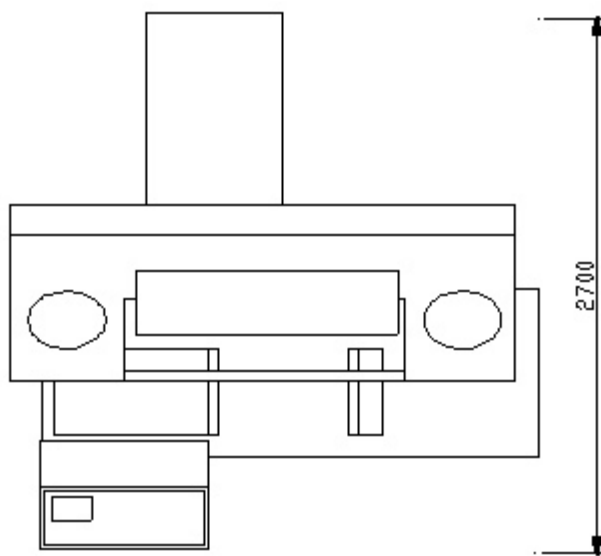
Safety

- 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

Floor plan



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