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## SNC Automatic Saw with Shuttle Vise

- ▣ Model Number : [C-520NC](#)
- ▣ Design Style : [Double Column Type](#)

### Specifications

Capacity	Round	520 mm (20.5")
	Square	520 mm (20.5")
	Rectangular(H x W)	560 x 520 mm (22" x 20.5")
Bundle Capacity	Width	250-470 mm
	Height	150-315 mm
Saw Blade	Speed	20-100 m/min. (66-328 fpm)
	Size(LxWxT)	6040L x 54W x 1.6Tmm (238" x 2.1" x 0.06")
	Tension	Hydraulic (Automatic blade breakage detection)
Motor Output	Saw blade	7.5 HP (5.6 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	90 mm (3.5")
Height of Work Bed		690 mm (27.2")
Net/Gross Weight		3700/4300 kgs
Floor Space		2400 x 2677 mm (94.5" x 105")

### Machine Features

## C-520NC 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**

- Hydraulic 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 90mm (3.5")
- Double retracting vise jaws
- Full stroke hydraulic front and rear vises
- Ductile cast iron vises with replaceable hardened wear plates
- Smart NC controlled multiple indexing
- Multiple horizontal rollers to facilitate smooth material feeding
- Discharge table with built-in coolant return
- 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

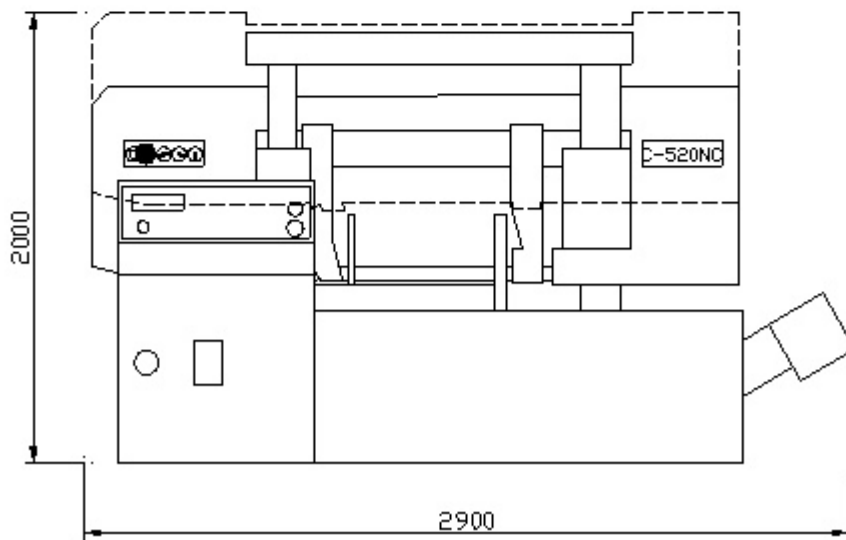
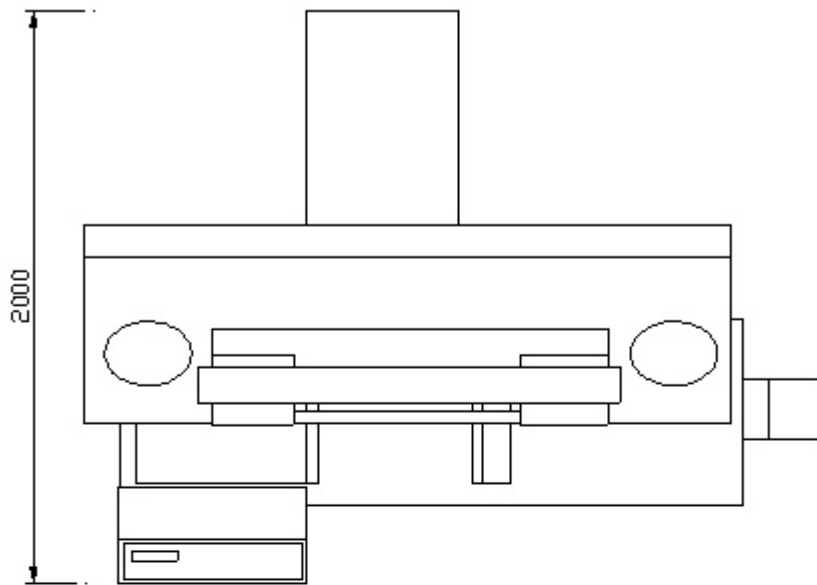
### **Standard Accessories**

- Blade "clip" device for easy blade change
- Adjustable fence to support bundled 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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