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## SNC Automatic Saw with Shuttle Vise

- ▣ Model Number : **C-1000NC**
- ▣ Design Style : **Double Column Type**

### Specifications

Capacity	Round	1000 mm (39.4")
	Square	1000 x 1000 mm (39.4" x 39.4")
Min. Clamping Width		285mm (11.2")
Saw Blade	Size(LxWxT)	9400L x 67W x 1.6T (370" x 2.64" x 0.06")
	Speed	15-80 (m/min) (60HZ) (50-264ft/min)
	Tension	Hydraulic Controlled
	Guide	Tungsten Carbide Blade Guide (Hydraulic Clamping Force)
	Arm	Hydraulic controlled
	Cleaning	Wire brush with flexible drive shaft driven by brush motor
Motor Output	Blade	15HP (11.25kw)
	Hydraulic	3 HP (2.2 KW)
	Coolant	1/4HP (0.2kw)
Feeding	Mode	Hydraulic automatic, NC programmable, 99 steps
	Single stroke	500mm
	Multi stroke	Max. 6500mm (Max. 650")
Tank Capacity	Hydraulic Oil	100 Liter
	Coolant	120 Liter
Rest piece		400mm
Kerf Compensation		Automatic
Vise Control Method		Hydraulic, Full stroke cylinder
Workbed Height		620mm (24.4")
Net Weight		11000kgs
Floor Space (L x W x H)		2200 x 4665 x 3520mm (86.6"x183.7"x138.6") (without roller table)

### Machine Features

## STANDARD EQUIPMENT & FEATURES

1. The rigid twin columns guide the sawhead for a more powerful, smooth and accurate cutting and provide the cutting forces distributed from top to bottom of the machine frame during the cutting period.
2. When blade descends and approaches the work, the descending speed will be automatically changed over to normal cutting down feed speed, reducing set up idle time and cycle time.
3. Both jaws of the feeding vise open (retract) and close simultaneously, assure smooth material feeding, especially excellent for misaligned or curved material.
4. After cut off, the feeding vise can automatically retract the material 2mm clean off the cut-off piece before the sawhead is going up which is helpful to prolong the blade life.
5. Automatic hydraulic tension device will provide tension to blade when machine is turned on and will release tension when turned off, extending blade life. The on-off switch is an added feature - making blade changing quicker and easier.
6. The bearing guides eliminate stress by pre-aligning the blade before it enters the carbide. There are two extra bearings located on a central axis, which supports the blade from the top, giving it extra penetrating force. The grooved carbide guide allows coolant through to lubricate and cool blade as well as work piece.
7. The hydraulic chip conveyor (Option) features shaftless design which is more convenient and effective for chips removal. Also, the hydraulic motor does not burn out like traditional electric motors.
8. With hydraulic driven guide arm, the user doesn't need to shift the guide arm in manual.
9. With hydraulic controlled blade clamping, the user doesn't need to manually tight the blade clamping.
10. **Use Mitsubishi Control system.** It is programmable to build 99 different jobs including cutting length and workpiece in memory,. After receiving the operating information, the machine will do the indexing and kerfs compensation automatically. Cutting job will stop when the cutting piece is reached, no more calculation on feeding length and feeding time. Having the error feedback function, the vary error code will indicate the error state of the machine and the engineer is able to fix the error conveniently and quickly. It features:
  - ☞ LCD screen
  - ☞ Film type key pad
  - ☞ Blade speed display
  - ☞ Blade life indicator
  - ☞ Feeding vise position display
  - ☞ Automatic kerfs compensation and multi-indexing
  - ☞ 2mm rear vise retracting (The rear vise will automatically retract the material 2mm cleaning off the cutting area after cut-off for prolonging the blade life.)
  - ☞ Work light selector
  - ☞ Coolant liquid selector
  - ☞ 99 steps programmable cutting modes for different cut-off length and quantity
  - ☞ Any stored program can be easily recalled and executed repeatedly.

• Floor plan

Close ✕