

## JATAS Machinery Sales Inc.

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### SNC Automatic Saw with Shuttle Vise

- Model Number : C-460NC
- Design Style : Hinge Type

#### Specifications

|                           |                                |  |
|---------------------------|--------------------------------|--|
| Capacity                  | Round                          | 460 mm (18")                                   |
|                           | Square                         | 460 mm (18")                                   |
|                           | Rectangular(H x W)             | 460 x 460 mm (18" x 18")                       |
| Bundle Capacity           | Width                          | 220-360 mm                                     |
|                           | Height                         | 95-230 mm                                      |
| Saw Blade                 | Speed                          | 20-100 m/min. (66-328 fpm)                     |
|                           | Size(LxWxT)                    | 4670L x 41W x 1.3Tmm<br>(184" 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          | 2700/2900 kgs                  |  |
| Floor Space               | 2450 x 2310mm (96" x 91")      |  |

## **C-460NC 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 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

