

Clausing/Kalamazoo 16" (400mm) Automatic NC Bandsaw

Features:

- Oversized hydraulic cylinder
- Hydraulic shuttle vice assembly
- Inverter controlled infinitely variable speed
- Carbide blade guides with roller bearings
- Two additional guides to support the blade from the top
- Automatic hydraulic blade tensioning
- Power driven blade brushes
- Integral coolant system
- Smart NC-100 technology programmable up to 100 different jobs
- Easy recal and execution of stored parts
- Automatic shutoff after preset number of cuts or when out of stock
- 5.7" HMI touch screen incorporating readout on blade speed, blade life, feed vise position and error code display for self-diagnostics
- Automatic kerf loss compensation & computer controlled multiple indexing
- Precision feed pressure & feed rate
- Bundle/single cutting mode switch
- Automatic height setting feature
- Hydraulic front and rear vises
- Cast iron vises with replaceable hardened wear plates
- Discharge table with built-in coolant return
- Blade slippage or breakage detection
- 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
- Two (2) year limited warranty

Accessories

- Chip Conveyor
- Hydraulic Bundle Clamps
- Variable Vise Pressure System
- Heavy-duty Roller Table 10' x 15"
- Heavy-duty Roller Table 5' x 15"
- Stock Stand Assembly 21" - 30"
- SAWZIT 1 Gallon
- SAWZIT 5 Gallon

Specifications

| Model | KC16NC |
|-------------------------------|--|
| Motor | 7.5 Hp (5.5 kw), 230/460v 3ph* |
| Hydraulic Pump Motor | 2 Hp (1.5 kw) |
| Hydraulic Oil Capacity | 10.6 gallons (40 liters) |
| Blade Speeds (Variable speed) | 66-330 fpm (20-100 m/min) |
| Blade Size (W x T x L) | 1.6" x .05" x 180.4" (41 x 1.3 x 4570mm) |
| Blade Tension | Hydraulic |
| Coolant | Recirculating |
| Coolant Capacity | 21 gallons (80 liters) |
| 90° Cutting Capacity | |
| Round | 16" (400mm) |
| Square | 15" (400mm) |
| Rectangular | 16" x 16" (400 x 400mm) |
| **Bundle Cutting Width | 8.46" to 11.61" (215 to 295mm) |
| **Bundle Cutting Height | 3.94" to 7.45" (100 to 190mm) |
| Feed Length/Index | 23.3" (593mm) |
| Max. Feed | 255.9" (6500mm) |
| Length | 96" (2450mm) |
| Width | 71" (2310mm) |
| Height | 97.2" (2470mm) |
| Bed Height | 29.52" (750mm) |
| Net Weight | 5,622 lbs (2550 kg) |
| Shipping Weight | 6,063 lbs (2750 kg) |

*Other voltages optional.

**When machine is equipped with optional hydraulic bundle cutting attachment.

Design and specifications are subject to change without notice.