

JATAS Machinery Sales Inc.

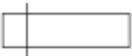


503 Frontage Ave. W
Underwood, MN 56586
800-743-2435 / 218-826-6464



20 Job Programmable Double Miter Band Saws

- ▣ Model Number : CNC-800DM
- ▣ Design Style : CNC Sawing System

Specifications

Angle		 0°	 ±45°	 60°
Max. Capacity	Round	500 mm (20")	450 mm (17.7")	400 mm (16")
	Rectangular(H x W)	400 x 800 mm (16" x 31")	400 x 550 mm (16" x 21")	400 x 400 mm (16" x 16")
Saw Blade	Speed	20-100 m/min (66-330 fpm)		
	Size (LxWxT)	6600L x 54W x 1.3Tmm (260" x 2.1" x 0.050")		
	Tension	Hydraulic Blade Tension (Factory adjusted) (with pressure gauge)		
	Guide	Carbide (Hydraulic Clamping Force)		
	Cleaning	Power Driven Wire Brush		
Motor Output	Saw Blade	7.5 HP (5.6 KW)		
	Hydraulic	3 HP (2.25 KW)		
	Coolant pump	1/2 HP (0.375 KW)		
Hydraulic Tank Capacity		85 L (22.1 gal)		
Coolant Capacity		200 L (52 gal)		
Feeding Stroke		1500 mm (Multi feeding:6500 mm(650"))		
Work Bed Height		1085 mm (42.7")		
Vise Control Method		Full Stroke Cylinder Vise		
Net Weight		6200 kgs		
Gross Weight		7000 kgs		
Floor Space(LxWxH)		5200 x 3530 x 2725 mm (204.7" x 139" x 107")		
Shipping Space(LxWxH)		5150 x 2285 x 2515 mm (203" x 90" x 99")		

CNC-800DM Machine Features

Structure

- Swivel sawhead double mitering from +45 to -60 degree
- Precision ground dual column with cross link design ensuring smoothest cutting
- Hydraulic angle lock down device
- Hydraulic shuttle vise assembly
- Sturdy cast work table
- 10 degree blade cant for ease of cutting structural material

Blade Drive

- Planetary gear reducer offering higher transmission efficiency than worm gear reducer
- Infinitely variable blade speed via inverter blade drive system

Blade Guidance & Lubrication System

- Hydraulically activated carbide blade guides with roller bearings
- Two additional bearings to support blade from the top
- Hydraulically driven heavy duty cast iron guide arms
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Synchronized power driven blade brush

Control & Automation

- Smart NC-100 (SNC-100) technology
- Programmable up to 100 individual cutting jobs (length, quantity, angle) via HMI touch screen
- Programmable automatic swiveling with digital miter angle display
- Automatic kerf compensation & multiple indexing
- Blade speed & blade life display
- Automatic shut-Off after cutting jobs complete or when out of stock
- Automatic work height detector
- Cutting condition monitoring
- Ergonomically located independent control station
- Rapid troubleshooting via error feedback system

Material Feeding & Clamping

- NC controlled material feeding
- Full stroke front and rear vises
- Ductile cast iron vises
- Double retracting shuttle vise jaws
- Two-speed stock feeding design
- Two-speed swiveling design
- Sturdy cast work table with multiple horizontal rollers & solid discharge table

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" design for ease of blade change
- Additional flushing hose
- Adjustable beam light
- Bi-metal saw blade
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

Design and specifications are subject to change without notice and obligation.