

Cosen bandsaws
precision cutting
strong and durable



C-510MNC

Fully Programmable Automatic Miter Cutting Bandsaw

A highly productive miter-cutting
bandsaw machine for repetitive angle cuts!



ISO 9001
certified



TAIWAN
EXCELLENCE 2013



DESIGN
AWARD

www.cosen.com
ISO:F-A-32 FLYER-C-510MNC-en-V2

C-510MNC

Fully Programmable Automatic Miter Cutting Bandsaw

Cosen's C-510MNC is a high production fully programmable automatic miter-cutting bandsaw, which incorporates a massive base, sturdy saw frame, a 5HP drive motor, 34 mm wide blade and a user-friendly control station. The SNC-100 technology is programmable up to 100 different jobs including quantity and length of cut with Automatic Multiple Indexing & Automatic Kerf Compensation. Cutting information such as blade speed, blade life and error message is clearly displayed for ease of use.



Standard Features

- Sawhead swivels forward up to 60° via precision pivot system
- Quick angle change with a large protractor and pointer in clear view
- Large discharge table slotted at common cutting angles and built with coolant return
- Inverter controlled variable blade speed drive with worm gearbox
- Automatic work height sensor with position adjustable via a quick lock & release handle
- Adjustable right guide arm for optimum cutting stability at bigger angles
- Full stroke hydraulic front and index vise
- Precision feed pressure & feed rate dual valve
- Automatic hydraulic blade tension device
- 5.7" HMI Touch Screen & Mitsubishi PLC Controller
- 100 individual jobs can be programmed and stored
- Automatic kerf compensation
- Save-a-Blade function
- Rapid troubleshooting via error feedback system

Optional Accessories

- Hydraulic shaftless chip conveyor
- Hydraulic top clamps
- Vise pressure regulator
- Motor amp draw

Specification

COSEN C-510MNC

	Angle	0°	+45°	+60°
Capacity Round		360 mm (14")	360 mm (14")	230 mm (9")
Capacity Rectangle (H x W)		330 x 510 mm (13" x 20")	330 x 330 mm (13" x 13")	230 x 230 mm (9" x 9")
Blade Speed		20 – 100 M/min		
Blade Size		4900 x 34 x 1.1 (192.9" x 1.3" x 0.04")		
Blade Tension		Hydraulic		
Blade Motor		5 HP (3.7 kW)		
Hydraulic Motor		1HP (0.7 kW)		
Coolant Motor		1/8 HP (0.09 kW)		
Automatic Indexing Length		503 mm (19.8"), Max. 6500 mm (650")		
Workbed Height		783 mm (30.8")		
Gross Weight		2135 kgs (4707 lbs)		
Floor Space (L x W x H)		3300 x 2750 x 2200 mm (130" x 109" x 87")		

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

* Machines may be shown with some options.



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