

Date Issued:

*\*Expires After 90 Days*



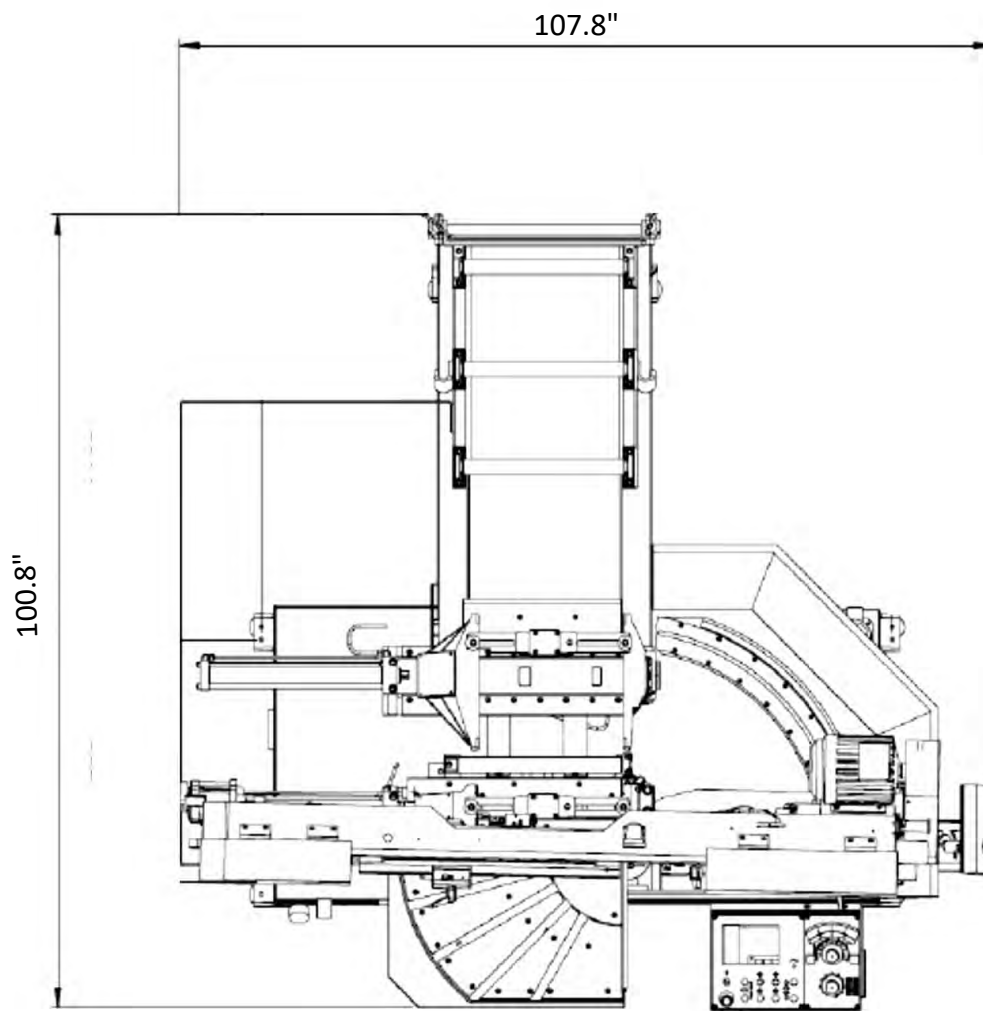
# COSEN C-510MNC

Fully Automatic Horizontal  
Scissor Style Mitering Band Saw

Dealer:  
Address:  
State:  
Zip:  
Phone:  
Email:

End-User:  
Address:  
State:  
Zip:  
Contact Name:

Cosen's C-510MNC is a high production machine which incorporates a massive base, sturdy saw frame, with an extremely heavy duty gear box, a 5HP drive motor, and a user friendly programmable control for ease of operation. Rugged, dependable, and advanced technology, are all words that describe Cosen's C-510MNC production machine, making it the perfect saw for mass production and fabrication settings.



### Control System:

Smart NC-100 (SNC-100) technology provides most of the benefits of NC controlled saws at a mere fraction of the cost. SNC-100 controls are programmable up to 100 different jobs including quantity and length of cut. The controls automatically compensate for Kerf loss after data input and requires no manual calculation of number of times to index.

## Machine Features:

- Allows for straight cutting and miter cutting from 0 to 60 degrees
- Hydraulic cylinder supports the saw head with ball joint
- Gearbox designed to accept high lateral pressure (no thermal distortion)
- Inverter blade drive system which allows infinitely variable blade speeds
- 5.7" HMI touchscreen
- Adjustable flood coolant system
- Motor driven, synchronized wire blade brush
- Carbide blade guides and bearing provides additional blade support
- Rigid cast-iron guide arms
- Automatic hydraulic blade tensioning device
- Cast-iron hydraulic vise
- Save-A-Blade feature
- Precision feed pressure and feed rate dual valve system for optimal cutting performance
- Computer controlled multiple indexing up to 999" max length

## Machine Specifications:

<b>Maximum Cutting Capacity</b>	Round (0°, 45°,60°)	14", 13", 7.9"
	Square	14" x 14"
	Rectangular (0°, 45°,60°)	13" x20", 13"x13.7", 12.5"x9"
	Bundle	Width: 7.1" - 12.9"
	w/ optional top clamps	Height: 7.1" - 9.4"
	Remnant Piece	6" at 90°
<b>Blade</b>	Variable Speed	50 – 328 fpm
	Size	16' 1" x 1.25" x .042"
<b>Motor</b>	Saw Blade	5 HP
	Hydraulic	1 HP
	Coolant	1/8 HP
<b>Auto. Material Feed System</b>	Job Storage	Up to 100 jobs
	Single Index Stroke	19.9"
	Multiple Stroke Indexing	0" to 999"
		<i>(Automatic kerf compensation)</i>
<b>Weight</b>		4,707 LBS
<b>Power</b>		230V, 3 PH, 60 Hz
		<i>(460, 3 PH, 60 Hz Option)</i>
<b>Floor Space</b>		100.8" x 107.8" x 75"
<b>Work Bed Height</b>		31.4"

*\*Please note that machine design and specs can change without notice*

**Max AMP Draw** - 230V: 18.01  
460V: 9.01