



SH-710LDM

Semi-Automatic Double Mitering Horizontal Band Saw

Features:

- High precision linear guide way design
- Heavy-duty cast iron swivel center features straight cutting and miter cuts (plus/minus 60 degrees)
- Gearbox designed to accept high lateral pressure (no thermal distortion)
- Inverter blade drive system which allows infinitely variable blade speeds
- Adjustable flood coolant system
- Motor driven, synchronized wire blade brush
- Carbide blade guides and bearing provides additional blade support
- Cast-iron guide arms
- Cast-iron hydraulic vise which synchronizes movement with guide arm
- Automatic hydraulic blade tensioning device
- Dual valve feed pressure and feed rate system for optimal cutting performance



DOUBLE MITER-CUTTING STRUCTURAL MATERIAL SAW

The SH-710LDM allows you to miter-cut either forward or backward up to 60°. The 10° blade cant is designed specifically for cutting structural steel such as H-beam, I-beam, channels and profiles to allow maximum cutting efficiency and longer blade life.

en SH-710LDM

Angle	0°	+45°	+60°
Round Capacity	420mm"	420mm	300mm
Rectangular Capacity (H x W)	420 x 710	420 x 460	420 x 300
Blade Speed	25-100 m/min		
Blade Size (L x W x T)	6540 x 41 x 1.3mm		
Blade Motor	7.5 HP		
Hydraulic Motor	1 HP		
Coolant Motor	1/8 HP		
Workbed Height	750mm		
Gross Weight	2895 kg		
Floor Space (L x W x H)	3250 x 3200 x 1920mm		

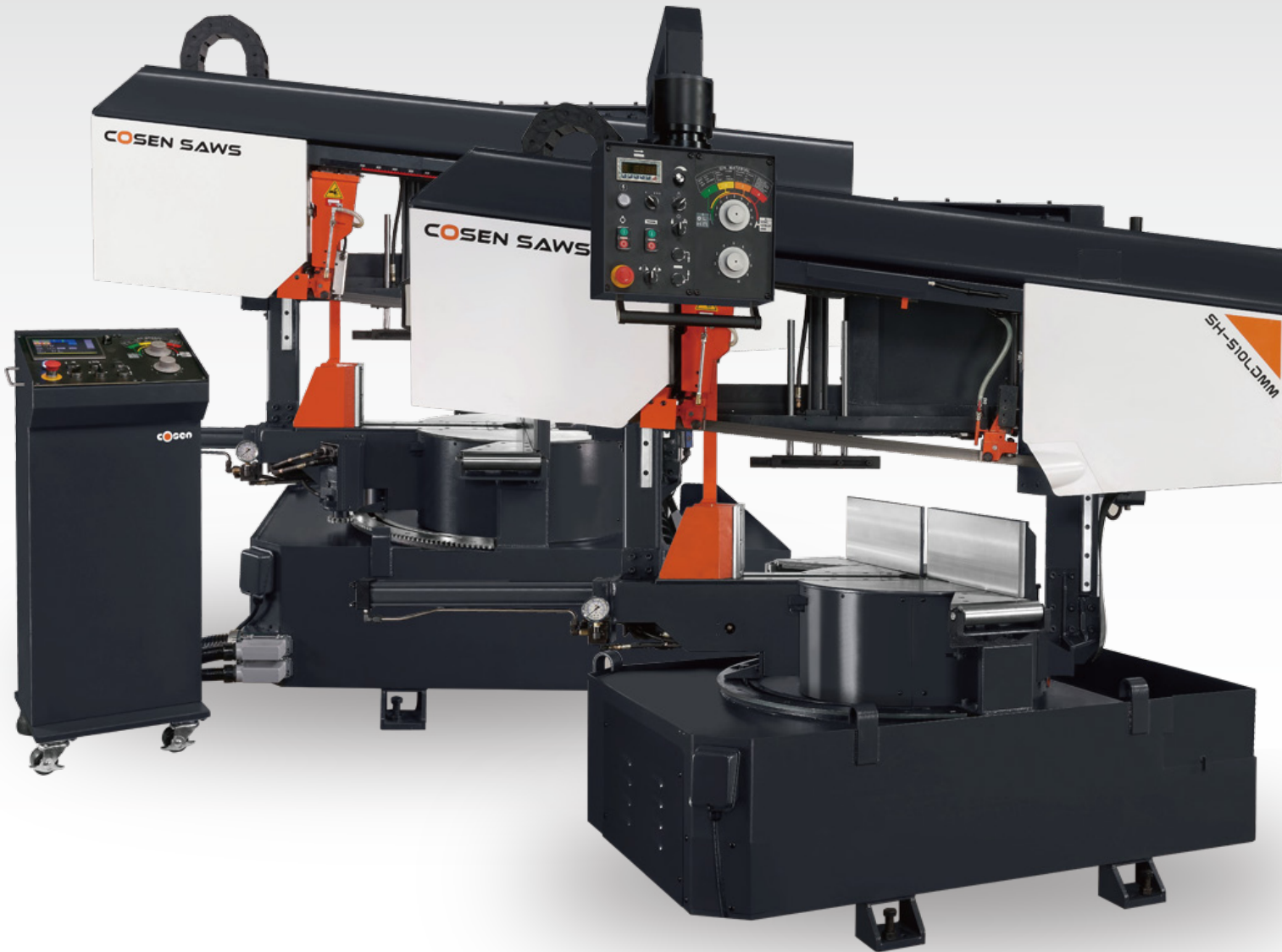
*Design and specifications subject to change without notice.



ISO 9001
certified



SH-510LDM



Semi-Automatic Linear Guided/Double Miter-Cutting Horizontal Band saw

Semi-Automatic Linear Guided/Double Miter-Cutting Horizontal Band saw

SH-510LDM, this large capacity and compact sized machine needs relatively small space when compared to machines with the same capacity 320mm(12.6"). The SH-510LDM features hydraulic lifting of the saw frame and full stroke hydraulic vise. These features enable semi-automatic operation to securely hold the work piece, cut, and return the saw frame to a preset work height. Large, heavy-duty trunion and swivel 'n' lock mechanism allows for up to 60 degrees of mitering capability. Both models are an excellent choice for diverse job shop needs.

Standard Features

- Linear guided saw frame
- Synchronized wire brush
- Solid guide arm mounted directly under saw frame and traverses in sync with the vise via dual linear guides
- Split vise
- Removable chip bin or optional screw-type chip conveyor
- Idle roller at front and back end of the sawing table
- Full stroke cylinder vise
- Easy to read angle scale
- Manual saw frame swivel and quick-angle-lock with a long lever (**SH-510LDM**)
- Hydraulic swivel and angle locking & automatic angle positioning upon entry of angle (**SH-510LDM**)
- Hanging control panel swivel-able between front and back of the saw frame for ease of operation (**SH-510LDM**)
- Independent control station with wheels & quick connector for ease of installation and transportation (**SH-510LDM**)
- Dual valve controlling cutting speed and pressure
- 7" HMI Touch Screen for operation and cutting information display (**SH-510LDM**)

Optional Accessories

- Mist Spray Unit
- Angle display on the saw frame (**for SH-510LDM**)
- Integration with positioning system (**for SH-510LDM and SH-510LDM**)
- Chip Conveyor
- Hydraulic Top Clamp

Specification SH-510LDM

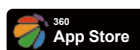
Angle	0°	±45°	±60°
Capacity Round	320 mm(12.6")	320 mm(12.6")	200 mm(7.9")
Capacity Rectangle(HxW)	330x510 mm (13"x20")	330x320 mm (13"x12.6")	330x200 mm (13"x7.9")
Blade Speed	25 – 100 M/min		
Blade Size(LxWxT)	4960 x 34 x 1.1 mm (195"x1.3"x 0.043")		
Blade Cant	6°		
Blade Motor	3 HP (2.238 kW)		
Hydraulic Motor	1 HP (0.375 kW)		
Coolant Motor	1 / 8 HP (0.09 kW)		
Workbed Height	780 mm (30.7")		
Gross Weight	SH-510LDM: 1440 kgs / SH-510LDM: 1405 kgs		
Floor Space(LxWxH)	2550 x 2463 x 2050 mm (100.4"x97"x 80.7")		

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

* Machines may be shown with some options.



MECHALOGIX™



Sawlogix



Cosen USA
info@cosensaws.com

Cosen Europe
europe@cosensaws.com

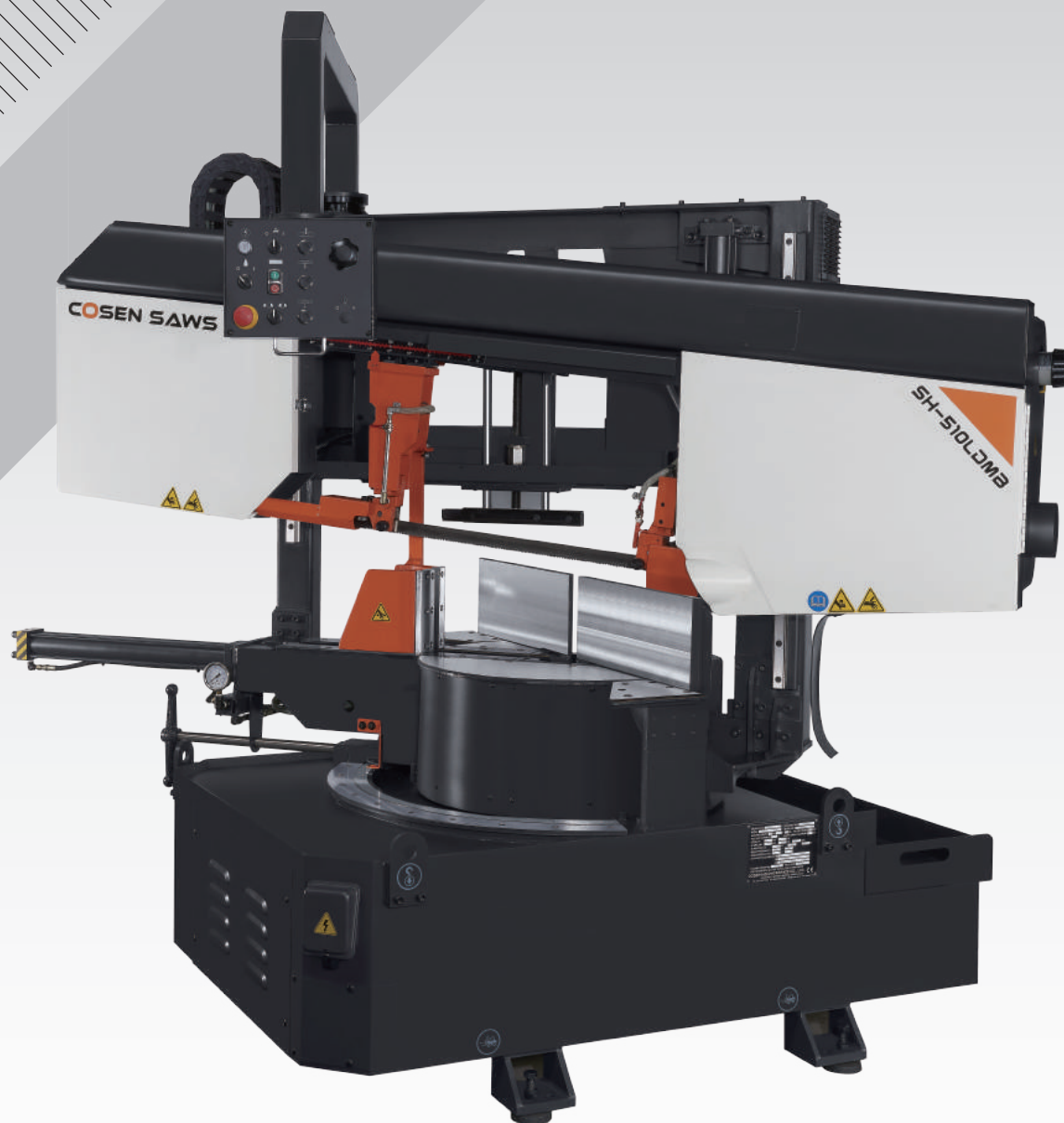
Cosen Taiwan
service@cosen.com.tw

Cosen China
service@cosensaws.cn

We saw the future
Cosen bandsaws
precision cutting
strong and durable



SH-510LDMB



Semi-Automatic Linear Guided/Double Miter-Cutting Horizontal Band saw



ISO 9001
certified



TAIWAN EXCELLENCE
SILVER AWARD 2021
Everyday Excellence

WWW.COSEN.COM
ISO:F-A-32 FLYER-SH510DMB-en-V1

Semi-Automatic Linear Guided/Double

SH-510LDMB, this large capacity and compact sized machine needs relatively small space when compared to machines with the same capacity 320mm(12.6"). The SH-510LDM features hydraulic lifting of the saw frame and full stroke hydraulic vise. These features enable semi-automatic operation to securely hold the work piece, cut, and return the saw frame to a preset work height. Large, heavy-duty trunion and swivel 'n' lock mechanism allows for up to 60 degrees of mitering capability. Both models are an excellent choice for diverse job shop needs.

Standard Features

- Linear guided saw frame
- Synchronized wire brush
- Solid guide arm mounted directly under saw frame and traverses in sync with the vise via dual linear guides
- Split vise
- Removable chip bin or optional screw-type chip conveyor
- Idle roller at front and back end of the sawing table
- Full stroke cylinder vise
- Easy to read angle scale
- Dual valve controlling cutting speed and pressure

Optional Accessories

- Mist Spray Unit
- Chip Conveyor
- Hydraulic Top Clamp

Specification SH-510LDMB

Angle	0°	±45°	±60°
Capacity Round	320 mm(12.5")	320 mm(12.5")	200 mm(7.8")
Capacity Square	320 mm(12.5")	320 mm(12.5")	200 mm(7.8")
Capacity Rectangle(HxW)	330x510 mm (12.9" x 20")	330x320 mm (12.9" x 12.5")	330x200 mm (12.9" x 7.8")
Capacity Rectangle(HxW)	W:0-510 mm (0"-20") H:0-330 mm (0"-12.9")		
Blade Speed	30-100 m/min (99~393 fpm)		
Blade Size(LxWxT)	4980 x 34 x 1.1 mm (196" x 1.33" x 0.043")		
Blade Motor	3 HP (2.2 kW)		
Hydraulic Motor	1 HP (0.75 kW)		
Coolant Motor	1/8 HP (0.1 kW)		
Workbed Height	780 mm (30.7")		
Gross Weight	1360 kgs (2992 lbs)		
Floor Space(LxWxH)	2493 × 1242 × 2043 mm (98.1" x 48.8" x 80.4")		

* Design and specifications are subject to change without notice & obligation.
* Machines may be shown with some options.



MECHALOGIX™

FIND SAW & PARTS
sawselector.com
cosenparts.com



- Cosen Taiwan : No. 106-2, Ln. 175, Xinxu St., Zhubei City, Hsinchu County 30243
+886-3-5519700 / www.cosen.com / service@cosen.com.tw / LINE ID : @cosen
- Cosen North America : 4527 Dwight Evans Road Charlotte, NC 28217
info@cosenparts.com

Find Us:



「Sawlogix」

save materials, save tools, save time !