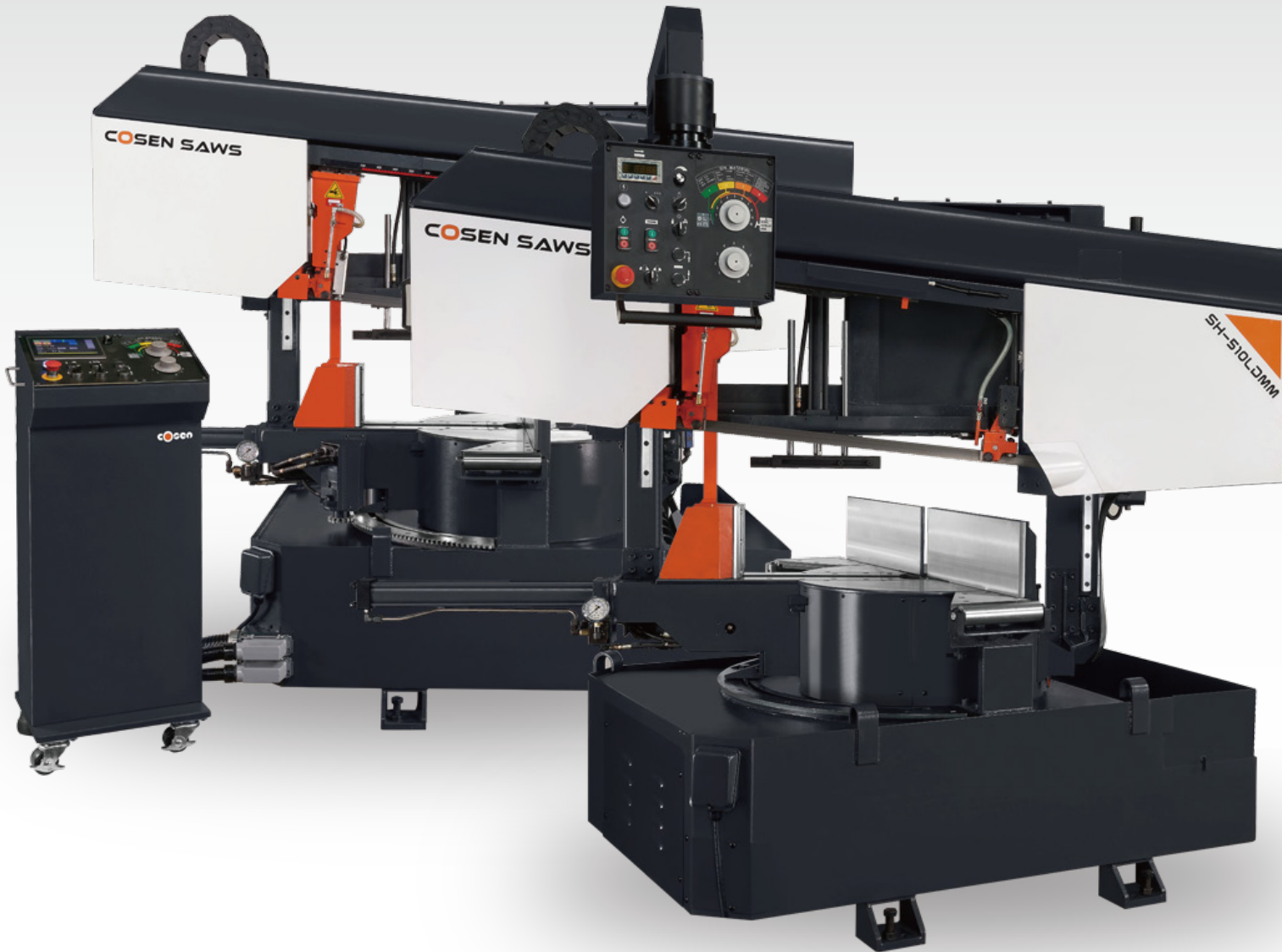


# SH-510LDM



## 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

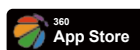
Angle	0°	+45°	+60°
Capacity Round	320 mm(12.6")	320 mm(12.6")	200 mm(7.9")
Capacity Rectangle(HxW)	330x510 mm (13"x20")	330x320 mm (13"x12.6")	330x200 mm (13"x7.9")
Blade Speed	25 – 100 M/min		
Blade Size(LxWxT)	4960 x 34 x 1.1 mm (195"x1.3"x 0.043")		
Blade Cant	6°		
Blade Motor	3 HP (2.238 kW)		
Hydraulic 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