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Miter-Cutting Vertical Bandsaw

- ▣ Model Number : **SV-510DM**
- ▣ Design Style : **Tilt Frame Vertical type**

Specifications

Max. Capacity	Angle	90°	±45°
	Round	460 mm (18")	320 mm (12.5")
	Rectangular (Hight x Throat)	510 x 460 mm (20" x 18")	460 x 320 mm (18" x 12.5")
Saw Blade	Speed(60Hz)	0-113 m/min (0-375 fpm)	
	Size (LxWxT)	4570L x 34W x 1.066Tmm (180" x 1.33" x 0.04")	
	Tension	Hydraulic Controlled	
Motor Output	Saw Blade	5 HP (3.7 KW)	
	Coolant	1/8 HP (0.1 KW)	
Tank Capacity	Hydraulic Oil	20 L	
	Coolant	12 L	
Work Bed Height		915 mm (36")	
Net Weight		1450 kgs	
Floor Space(LxWxH)		2620 x 840 x 2500 mm (103" x 112" x 94.5")	

Machine Features

MACHINE FEATURES

1. **TILT SAWHEAD DEVICE**
With the special-made tilt center, the heavy-duty sawhead frame is able to tilt 45° both left and right of center with minimum effort.
2. **PRECISE ANGLE SCALE**
There is an easily read angle scale on the protractor device. The operator can read the angle from the position of the control station conveniently.
3. **CONTROL STATION**
Located at the front end of the machine. Knee type frame enables the easy operation. Electrical and hydraulic components are separately housed. Divided electric fittings and hydraulic circuit design is good for maintenance

and safety.

4. POWER WIRE BRUSH

It thoroughly and automatically removes the chip from the blade gullets, producing the most favorable cutting performance and improving the blade life.

5. HYDRAULIC DRIVEN BLADE GUIDE ARM

The blade guide arm is hydraulically positioned and controlled from the operator's panel.

6. HYDRAULIC BLADE TENSIONING


The heavy-duty hydraulic cylinder drives the idle wheel for obtaining the optimum blade tension and assuring straight cuts and making blade change easier.

7. BLADE BREAKAGE DETECTOR

While the blade breaks, the machine will automatically stops for safety.

8. ROBUST MACHINE STRUCTURE

The machine structure is designed under the ragged consideration to allow the heavier cutting load.

 **Floor plan**

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