

# Revolution Machine Tools



<b>Main Warehouse</b>
<b>385 North 700 West</b>
<b>North Salt Lake City Ut. 84054</b>
<b>www.RMTUS.com</b>
<b>Sales: Phone: (844)768-4636 info@rmtus.com</b>
<b>Service: Phone: (844)RMT-SERV (844)768-7378 service@rmtus.com</b>
<b>Parts &amp; Tooling: Phone (844) 768-4636 Talip@rmtus.com</b>
<b>Prepared by: Kyle Jorgenson</b>

## Machine Specifications

<b>RMT Machine Stock Number:</b>	1692	<b>Machine - Shipping - Dimensions and Weight</b>	
<b>Manufacture</b>	Cosen	<b>Length x Width x Height</b>	99" x 102" x 98"
<b>Type</b>	Vertical Tilt Frame Band Saw	<b>Machine Weight in Lbs.</b>	4850
<b>Model #</b>	SVC-670DMD	<b>Incoming Power Requirements</b>	
<b>Serial #</b>	1031711	<b>Incoming Voltage</b>	3 PHASE 230V 60 Htz
<b>Mfg. Year</b>	07- 2014	<b>Full Load Current Amps</b>	22 Amps
<b>Status:</b>	Excellent Condition	<b>Min. Incoming Wire Size</b>	Size 10 Wire
<b>F.O.B. Point</b>	RMT North Salt Lake	<b>Recommended Breaker</b>	45 Amp
Blade size	4870mm x 34mm (192.1" x 1.25")	<b>Horse Power</b>	Main Drive is 5 HP + Hydraulic Pump
Large quantity of New Blades Included			

## Machine Capacity - Capabilities

### COSEN MODEL SVC-670DM Vertical Semi-Automatic Hydraulic Dual Miter Cutting Bandsaw

#### MACHINE SPECIFICATIONS

	0 degree cant	5 degree cant
Cutting Capacity	Horizontal x Vertical	Horizontal x Vertical
90°	19.1" x 26.4"	19.1" x 24"
45° left	19.1" x 18.3"	18.9" x 16.2"
60° left	19.1" x 12.8"	17.5" x 11.8"
45° right(Optional)	19.1" x 17.1"	18.9" x 15.2"
60° right(Optional)	19.1" x 10.4"	17.5" x 10"
Blade Speeds	30~330 ft/min	
Blade Size	192.1" x 1.3" x .043"	
(L x W x Thickness)	4880 x 34 x 1.1 mm	
Tension	Hydraulic controlled	
Motor Output	Saw Blade	5HP(3.75 kW)
	Hydraulic	1HP(0.75 kW)
	Coolant pump	1/4HP(0.185 kW)
Hydraulic System	Tank Capacity	85L( 22.1gal)
	Output Pressure	38~45 kg/cm <sup>2</sup>
Coolant Tank Capacity	34 gal	
Workbed Height	39.4"	
Floor space (W x D x H)	98.4" x 102" x 98.4"	
	2500 x 2600 x 2500mm	

Design and specifications are subject to change without notice & obligation



#### MACHINE FEATURES

##### Stands:

- The vertical saw frame allows the user to cut at any angle between 90° (straight cut) and 60° (over cut) in both directions. The precision pivot system facilitates easy and accurate adjustment for angle cuts. Angle changes are made through a manually actuated hydraulic system with digital angle display. Optionally an automatic hydraulic angle changing device is available through the RMT SVC-670DM requires no tools to make angle changes. Saw frame also has a adjustable cast from 0 to 1 degree.

Right and heavy-duty saw frame, bed and wheels provide for maximum vibration dampening and improved cutting performance.

##### Blade Drive:

- A 1.1 hp motor provides significant torque at all speed ranges.
- The standard blade speed control provides infinite blade speeds (50 to 330 fpm) that can be easily changed through to accommodate all types of materials.

##### Blade Guidance & Lubrication System:

- Carbide guide securely guide the blade during the cutting cycle. Bearing guide eliminate blade stress to pre-aligning the blade before it enters the carbide guide.
- Guide arrangement straightens cuts and eliminate vibration for longer blades life. The guide arm can be locked as low as 1" above the worktable. The blade guide arm raises or lowers and is hydraulically actuated.
- Hydraulic Blade tension automatically proper blade tension for quality cuts and longer blade life.
- Integral coolant system
- Blade brush removes the chips from the blade, maintaining productivity and extending blade life.

##### Control & Automation:

- The operator's control station located on the front side of the saw is convenient and user friendly. All operator controls are positioned on the top of the control box and clearly labeled for ease of operation. The electrical components are located inside the control box with the main lockout disconnect on the front of the control box for safety and easy maintenance.
- See Range return to semi-automatic. After completion of the cut, saw slow automatically returns. Manual saw selection is automatically set when clamp is set.

##### Material Feeding & Clamping:

- See Range return to semi-automatic. After completion of the cut, saw slow automatically returns. Manual saw selection is automatically set when clamp is set.

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- Just/Feed Independently controlled feed rate and feed pressure functions enhance optimal cutting performance. The feed pressure valve and feed rate valve are infinitely and independently variable to ensure maximum control under the most demanding applications. Feed pressure ranging from 0 to 400 psi are obtainable.
- Standard material clamping is accomplished with a left, left and right hand side view. Hydraulic using is standard.

All Information subject to Verification

If you have any questions Regarding this Specification sheet, please contact us at info@rmtus.com or (844) 768-4636

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