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SVC Series - Vertical Combined Plate Saws



* Optional Equipment May Be Shown

Vertical Combined Plate Saws

The SVC Series is a cost-efficient vertical band saw with a traveling head designed to cut large carbon steel and stainless steel plates, slabs, blocks and ingots. It is possible to cut both the length and width of the material by fitting the machine with two rotating (+ 0° - 90°) blade guides. To cut the width, the head stays in a fixed position defined by the cutting line; the feeding is achieved by the advancement of the shuttle. Shuttle movement is adjustable from the control panel via a potentiometer.

Models include the **SVC 6300** and **SVC 8300** and come in **super automatic** mode.

Standard Features

- ▶ Operator has the ability to cut in two directions without moving the material
- ▶ Head contains three cast iron band wheels driven by a vector motor
- ▶ Material feeding is made on ball screws and is actuated by a vector motor
- ▶ PLC control, capable of programming up to 400 cutting jobs
- ▶ Vises operate on linear bearings with vector motors. A hydraulic cylinder opens and closes the vises.

Options

- ▶ Service modem
- ▶ Mist system
- ▶ Independent vises
- ▶ Oil tank
- ▶ Laser beam light
- ▶ Powered rotating blade guide
- ▶ Blade break-in program

Hyd-Mech Specifications

Model No.	SVC6300 - Super Automatic	
Capacity:		
Length	250"	6300 mm
Throat	98"	2500 mm
Height	18"	450 mm
Blade		
Length:	532" (44'4")	13500 mm
Width:	1.5"	41 mm
Thickness:	.05"	1.3 mm
Blade Speed:	33-328 SFM	10-100 m/min
Blade Wheel Diameter:	2 x 24" / 39"	2 x 600 mm / 1000 mm
Blade Drive:	17 Hp	12.8 kW
Hydraulic Drive:	10 Hp	7.5 kW
Bar Feed:	100"	2500 mm
Outside Table Width:	60"	1500 mm
Machine Weight:	127,867 lbs	58,000 kg
Dimensions:	248" wide 374" long 189" high	6300 mm wide 9500 mm long 4800 mm high

Model No.	SVC8300 - Super Automatic	
Capacity		
Length	325"	8300 mm
Throat	98"	2500 mm
Height	18"	450 mm
Blade		
Length:	532" (44' 4")	13500 mm
Width:	1.5"	41 mm
Thickness:	.05"	1.3 mm
Blade Speed:	33-328 SFM	10-100 m/min
Blade Wheel Diameter:	2 x 24" / 39"	2 x 600 mm / 1000 mm
Blade Drive:	17 Hp	12.8 kW
Hydraulic Drive:	10 Hp	7.5 kW
Stroke:	100"	2500 mm
Outside Table Width:	60"	1500 mm
Machine Weight:	152,117 lbs	69,000 kg
Dimensions:	248" wide 453" long 189" high	6300 mm wide 11500 mm long 4800 mm high

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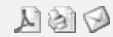
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SVL Series - Vertical Longitudinal Plate saws



* Optional Equipment May Be Shown

Vertical Longitudinal Plate Saws

The **SVL Series** is a cost-efficient vertical band saw with a traveling head designed to cut large carbon steel and stainless steel plates, slabs, blocks and ingots.

Models include the **SVL 3000**, **SVL 4000**, and **SVL 6000** that come in **semi automatic** mode.

Standard Features

- ▶ Head movement is made on ball screws and is actuated by a vector motor
- ▶ Vises operate on linear bearings with vector motors. A hydraulic cylinder opens and closes the vises
- ▶ Head contains three cast iron band wheels driven by a vector motor
- ▶ Hydraulic power pack controls band tension and power guide arm.

Options

- ▶ Service modem
- ▶ Blade break-in program
- ▶ Mist system
- ▶ Laser beam light
- ▶ Automatic feeding

Hyd-Mech Specifications

Model No.	SVL3000 - Semi Automatic 120" x 49" x 26" OR 120" x 59" x 47"	
Capacity	120"	3000 mm
Outside Table Width	39"	1500 mm
Throat Blade / Arch	49" or 59"	1250 mm or 1500 mm

Vertical Cut Height	26" or 47"	650 mm or 1200 mm
Blade (2 available)		
Length:	426" (36' 6") or 478" (39' 10")	10820 mm or 12150
Width:	2" or 2.5"	54 mm or 67 mm
Thickness:	.063" or .063"	1.6 mm or 1.6 mm
Blade Speed:	33-328 SFM	10-100 m/min
Blade Wheel Diameter:	24" and 32"	600 mm and 800 mm
Blade Drive:	18 Hp	13.2 kW
Hydraulic Drive:	10 Hp	7.5 kW
Machine Weight:	37478 lbs	17000 kg
Dimensions:	165" wide 276" long 169" high	4200 mm wide 7000 mm long 4300 mm high

Model No.	SVL4000 - Semi Automatic 160" x 49" x 26" OR 160" x 59" x 47"	
Capacity	160"	4000 mm
Outside Table Width	39"	1500 mm
Throat Blade / Arch	49" or 59"	1250 mm or 1500 mm
Vertical Cut Height	26" or 47"	650 mm or 1200 mm
Blade (2 available)		
Length:	426" (35' 6") or 478" (39' 10")	10820 mm or 12141 mm
Width:	2" or 2.5"	54 mm or 67 mm
Thickness:	.063" or .063"	1.6 mm or 1.6 mm
Blade Speed:	33-328 SFM	10-100 m/min
Blade Wheel Diameter:	24" and 39"	600 mm and 1000 mm
Blade Drive:	18 Hp	13.2 kW
Hydraulic Drive:	10 Hp	7.5 kW
Machine Weight:	55115 lbs	25000 kg
Dimensions:	197" wide 315" long 185" high	5000 mm wide 8000 mm long 4700 mm high

Model No.	SVL6000 - Semi Automatic 236" x 49" x 26" OR 236" x 59" x 47"	
Capacity	236"	6000 mm
Outside Table Width	39"	1000 mm
Throat Blade / Arch	49" or 59"	1250 mm or 1500 mm
Vertical Cut Height	26" or 47"	650 mm or 1200 mm
Blade (2 available)		
Length:	443" (36' 11") or 478" (39' 10")	11252 mm or 12150 mm
Width:	2" or 2.5"	54 mm or 67 mm
Thickness:	.063" or .063"	1.6 mm or 1.6 mm
Blade Speed:	33-328 SFM	10-100 m/min
Blade Wheel Diameter:	24" and 39"	600 mm and 1000 mm
Blade Drive:	18 Hp	13.2 kW
Hydraulic Drive:	10 Hp	7.5 kW
Machine Weight:	127,867 lbs	58000 kg
Dimensions:	197" wide 413" long 185" high	5000 mm wide 10500 mm long 4700 mm high

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SVT Series - Vertical Transversal Plate Saws



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Vertical Transversal - Vertical Band Saws

The **SVT Series** vertical plate saws allow for the cross cutting of plates, sheets, structural steel and blocks. Applications include tool steel, aluminum, stainless steel sheets and plates.

Models include the **SVT 1250**, **SVT 1500**, **SVT 2000**, and **SVT 2500** that come in **semi automatic** or **super automatic** modes.

Standard Features

- ▶ Hydraulic power pack controls band tension and power guide arm
- ▶ Vises operate on linear bearings with vector motors. A hydraulic cylinder opens and closes the vises
- ▶ Head movement is made on ball screws and is actuated by a vector motor

Options

- ▶ Laser beam light
- ▶ Mist system
- ▶ Service modem
- ▶ Idler conveyors
- ▶ Trim cut (super automatic)
- ▶ Blade break-in program (super automatic)

Hyd-Mech Specifications

Model No.	SVT1250 - Semi Automatic/ Super Automatic ***Three vertical cut height options***	
Capacity: Throat	50"	1250 mm
Vertical Cut		

Height	18"	26"	34"	450 mm	650 mm	850 mm
Blade						
Length:	352"(29' 4")	364"(30' 4")	378"(31' 6")	8929mm	9255mm	9605mm
Width:	2"	2"	2.5"	54 mm	54 mm	67 mm
Thickness:	.063"	.063"	.063"	1.6 mm	1.6 mm	1.6 mm
Blade Speed:	33-328 SFM			10-100 m/min		
Blade Drive:	7.5 Hp			5.5 kW		
Hydraulic Drive:	2 Hp			1.5 kW		
Blade Wheel Diameter:	2 x 24" and 32"			2 x 600 mm and 800 mm		
Bar Feed:	20" (Super Automatic Only)			500 mm(Super Automatic Only)		
Machine Weight:	16975 lbs			7700 kg		
Dimensions:	126" wide			3200 mm wide		
	224" long			5700 mm long		
	134" high			3400 mm high		

Model No.	SVT1500 - Semi Automatic / Super Automatic ***Three vertical cut height options***					
Capacity	60"			1500 mm		
Vertical Cut Height	26"	34"	47"	650 mm	850 mm	1200 mm
Blade	380" (31' 8")					
Length:	393" (32' 9")	417" (34' 9")	9640 mm	9975 mm	10585mm	
Width:	2"	2.5"	2.5"	54 mm	67 mm	67 mm
Thickness:	.063"	.063"	.063"	1.6 mm	1.6 mm	1.6 mm
Blade Speed:	33-328 SFM			10-100 m/min		
Blade Wheel Diameter:	2 x 24" and 32"			2 x 600 mm and 800 mm		
Blade Drive:	7.5 Hp			5.5 kW		
Hydraulic Drive:	2 Hp			1.5 kW		
Stroke:	20" (Super Automatic Only)			500 mm (Super Automatic Only)		
Machine Weight:	17857 lbs			8100 kg		
Dimensions:	126" wide			3200 mm wide		
	236" long			6000 mm long		
	134" high			3400 mm high		

Model No.	SVT2000 - Semi Automatic / Super Automatic ***Three vertical cut height options***					
Capacity	80"			2000 mm		
Vertical Cut Height	26"	34"	47"	650 mm	850 mm	1200mm
Blade	413" (34' 5")					
Length:	425" (35' 5")	447"(37' 3")	10490mm	10795mm	11360mm	
Width:	2"	2.5"	2.5"	54 mm	67 mm	67 mm
Thickness:	.063"	.063"	.063"	1.6 mm	1.6 mm	1.6 mm
Blade Speed:	33-328 SFM			10-100 m/min		
Blade Wheel Diameter:	2x32" and	39"	2x800 mm	and 1000 mm		
Blade Drive:	7.5 Hp			5.5 kW		
Hydraulic Drive:	2 Hp			1.5 kW		
Bar Feed:	20" (Super Automatic Only)			500 mm (Super Automatic Only)		
Machine Weight:	19400 lbs			8800 kg		
Dimensions:	126" wide			3200 mm wide		
	256" long			6500 mm long		
	134" high			3400 mm high		

Model No.	SVT2500 - Semi Automatic / Super Automatic ***Three vertical cut height options***					
Capacity	100"			2500 mm		
Vertical Cut Height	26"	34"	47"	650 mm	850 mm	1200 mm
Blade						
Length:	447" (37'3")	459" (38'3")	480"(40')	11360mm	11645mm	12195mm
Width:	2"	2.5"	2.5"	54 mm	67 mm	67 mm
Thickness:	.063"	.063"	.063"	1.6 mm	1.6 mm	1.6 mm
Blade Speed:	33-328 SFM			10-100 m/min		
Blade Wheel Diameter:	2x32" and	39"		2x800 mm	and	1000 mm
Blade Drive:	7.5 Hp			5.5 kW		
Hydraulic Drive:	2 Hp			1.5 kW		
Bar Feed:	20"(Super Automatic Only)			500 mm(Super Automatic Only)		
Machine Weight:	20944 lbs			9500 kg		
Dimensions:	126" wide			3200 mm wide		
	276" long			7000 mm long		
	134" high			3400 mm high		

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In line with HYD-MECH's policy of on-going product improvement, we reserve the right to modify features and specifications. Note that some options may not be available or are standard on the CE machines. Please check with your dealer for option availability.

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