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## Traversing Head Vertical Plate Saw

- Model Number : [SV-3055H](#)
- Design Style : [Hydraulic Cylinder Drive Saw Frame](#)

### Specifications

<b>Maximum Cutting Capacity</b>	height	300 mm (11.8")
	Throat	550 mm (21.6")
	Length	by order (max. 2500mm(98.4"))
<b>Saw Blade</b>	Size	4450 x 41 x 1.3mm (175.2" x 1.6" x 0.05")
	Speed	20-80m/min (66-264ft/min)
	Tension	Hydraulic Controlled
	Guide	Tungsten Carbide guides
<b>Motor Output</b>	Blade	7.5 hp (5.6 KW)
	Hydraulic	2hp (1.5 KW)
	Coolant	1/4 hp (0.19 KW)
<b>Tank Capacity</b>	Hydraulic oil	70 L (15 gal)
	Coolant	250 L (55 gal)

### Machine Features

#### MACHINE FEATURES

##### 1. BLADE ACTUATION

The power source for the saw blade comes from a 7.5HP motor with a high-precision Reducer. Meanwhile, using a highly efficient inverter controls blade speed. These specially built mechanisms are combined to offer an extensive speed range, which is easily adjustable on the control panel.

##### 2. CUTTING PRESSURE

Precession Feeding valve design will achieve optimal cutting performance, based on the simple setting of feed rate and pre-selective cutting pressure for different materials.

##### 3. INVERTER-CONTROLLED BLADE SPEED

Use inverter to control the 7.5 HP blade motor so that the blade speed can be adjusted from 20 to 90m/min steplessly to match the required cutting speeds.

##### 4. WIDENED DOUBLE TRACK

The saw frame is riding on a Widened Double Track. This design gives the saw frame a rigid base to ensure the smoothest feeding proceed.

**5. ROBUST MACHINE STRUCTURE**

The machine structure is designed under the ragged consideration to allow the heavier cutting load and larger cutting capacity when compared to other brands.

**6. HYDRAULIC BLADE TENSION**

Use the hydraulic controlled device to easily adjust the blade tension. In addition, the blade tension can be released to a slacken condition to avoid elastic fatigue when the machine is not in use.

**7. SAW FRAME TRAVEL**

The SV-3055H uses a Hydraulic cylinder provides smooth, pulse free, feeding speed for rapid travel.

**8. LAST CUT FUNCTION**


Automatically stops the machine and shuts down the hydraulic system at the end of the last cut.

**9. POWERED CHIP BRUSH AND EXTRA COOLANT NOZZLE**

Blade is 100% cleansed to be free of chips via rotating double brush and coolant stream.

**10. ROBUST MACHINE STRUCTURE**

The workbed is able to load the full capacity cutting; its strong frame shows remarkable power of endurance of the impact.

 **Floor plan**

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