

JATAS Machinery Sales Inc.

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Traversing Head Vertical Plate Saw

- Model Number : **SV-3055H**
- Design Style : **Hydraulic Cylinder Drive Saw Frame**

Specifications

Maximum Cutting Capacity	height	300 mm (11.8")
	Throat	550 mm (21.6")
	Length	by order (max. 2500mm(98.4"))
Saw Blade	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
Motor Output	Blade	7.5 hp (5.6 KW)
	Hydraulic	2hp (1.5 KW)
	Coolant	1/4 hp (0.19 KW)
Tank Capacity	Hydraulic oil	70 L (15 gal)
	Coolant	250 L (55 gal)

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.