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Traversing Head Vertical Plate Saw

- Model Number : [SV-6066H](#)
- Design Style : [Hydraulic Cylinder Drive Saw Frame](#)

Specifications

Maximum Cutting Capacity	height	600 mm (23.6")
	Throat	660 mm (26")
	Length	by order (max. 2500mm(98.4"))
Saw Blade	Size	6040 x 54 x 1.6 mm (237.8" x 2" x 0.06")
	Speed	20-80m/min (66-264ft/min)
	Tension	Hydraulic Controlled
	Guide	Tungsten Carbide guides
Motor Output	Blade	10 HP (7.5 KW)
	Hydraulic	2 HP (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

MACHINE FEATURES

- **The worktable** is heavy duty to sustain heavy loads and handle large cutting jobs.
- **Saw frame travel** is done by hydraulic cylinder, which provides a smooth, pulse free feed for rapid saw frame travel.
- **Triple Pads and Double Track Design:** The saw frame is equipped with triple pads riding on a Widened Double Track. This design facilitates extremely sound rigid saw frame structure, ensuring the smoothest feeding movement.
- **The Blade Drive System** for the saw blade comes from a 10 hp motor through a power effective high precision worm reducer. These specially built mechanisms combine to offer an extensive speed range, which is easily adjustable on the control panel.
- **Inverter-Controlled Blade Speed** uses inverter to control the 10 hp blade motor so that the blade speed can be adjusted from **20 – 80 m/min**.
- **Tungsten Carbide Blade Guides** are used to guide the blade from both sides, and the bearings further support

the back of the blade.

- **Hydraulic Blade Tensioning** is accomplished with an independent hydraulic system to prolong blade life.
- **The Keep On/Last Cut function** allows setting to automatically stop the machine and shut down the hydraulic system at the end of the last cut.
- Powered Double Chip Brush and extra coolant nozzle combine to completely clean off chips from the blade.
- Proximity switches sense both blade slippage and blade breakage and will automatically shut off the machine if either of these conditions should occur.
- All blade covers, and guarding on the saw are painted Alert Orange to increase safety alertness.
- All exposed electric wiring and hydraulic circuit are protected by conduits.

• **Floor plan**

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