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## Traversing Head Vertical Plate Saw

- ▣ Model Number : **SV-7060**
- ▣ Design Style : **Servo Motor Drive Saw Frame**

### Specifications

<b>Maximum Cutting Capacity</b>	Height	700 mm (27.6")
	Throat	600 mm (23.6")
	Length	2000-7000 mm (79"-276") per customer's request
<b>Saw Blade</b>	Size	6315 x 54 x 1.6mm (248.6" x 2" x 0.06")
	Speed	12-80m/min (39-262fpm)
<b>Motor Output</b>	Blade	15 hp
	Hydraulic	3 hp / 2 hp
	Feed	1.3 KW
	Coolant	1/4 hp
<b>Hydraulic</b>	Tank	60 / 60 L (13/13 gal)
	Pressure	55 / 35 kg/cm <sup>2</sup> (785/500 psi)
	Output Flow	30 / 12 L/min (6.6/2.6 gal/min)

### Machine Features

#### MACHINE FEATURES

- **The worktable** is extra heavy duty to handle all sizes of plates regardless of weight.
- **The Saw Arm's** extra wide frame gives a solid, vibration free support to the blade.
- **The Saw Frame** moves via three precision ground, steel wheels that ride on two hardened, heavy-duty double rails that run the length of the saw table.
- **Saw frame travel** is done by using an AC servo motor coupled with planetary speed reducer.
- **The Blade Drive System**
- **Inverter-Controlled Blade Speed**
- **Blade Deviation Detector**
- **The Computer Controlled Feed System**
- **NC Feed System with LCD Screen:**
  - Automatic display of the feed rate, cutting rate, blade speed, and cutting time
  - Work length setting. When desired cut length is reached, machine will automatically shut off.
  - In case the error occurred, the error message will show up
  - The record of the operation time and the blade life (time and cutting area) is saved in memory.

- **Powered Guide Arm** is hydraulically controlled from the operator's station, allowing the operator to move the carbide guides as close to the material as possible regardless of the material height.
- **Tungsten Carbide Blade Guides** are hydraulically clamped automatically to insure proper guide clearance to promote long 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.

 **Floor plan**

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