



[View larger image](#)

[Printer Friendly Version](#)

Traversing Head Vertical Plate Saw

- ▣ Model Number : [SV-5060](#)
- ▣ Design Style : [Servo Motor Drive Saw Frame](#)

Specifications

| | | |
|---------------------------------|-------------|--|
| Maximum Cutting Capacity | Height | 500 mm (20") |
| | Throat | 660 mm (26") |
| | Length | 2000-7000 mm (79"-276") per customer's request |
| Saw Blade | Size | 5915 x 54 x 1.6mm (233" x 2" x 0.06") |
| | Speed | 12-80m/min (39-262fpm) |
| Motor Output | Blade | 10 hp |
| | Hydraulic | 3 hp / 2 hp |
| | Feed | 0.85 KW |
| | Coolant | 1/4 hp |
| Hydraulic | Tank | 60 / 60 L (13/13 gal) |
| | Pressure | 55 / 35 kg/cm ² (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**
- **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

Close ✕