

## JATAS Machinery Sales Inc.

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### Traversing Head Vertical Plate Saw

- Model Number : **SV-5060**
- Design Style : **Servo Motor Drive Saw Frame**

#### Specifications

<b>Maximum Cutting Capacity</b>	Height	500 mm (20")
	Throat	660 mm (26")
	Length	2000-7000 mm (79"-276") per customer's request
<b>Saw Blade</b>	Size	5915 x 54 x 1.6mm (233" x 2" x 0.06")
	Speed	12-80m/min (39-262fpm)
<b>Motor Output</b>	Blade	10 hp
	Hydraulic	3 hp / 2 hp
	Feed	0.85 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)

## **SV-5060 Machine Features**

### **Structure**

- Triple precision ground wheels and widened double track
- Extra wide-frame saw arm with self-contained hydraulic system
- Extra heavy-duty worktable for plates of large weights

### **Blade Drive**

- Driven by a massive 7.5 hp motor through power efficient planetary gearbox
- Planetary gearbox guaranteeing high transmission efficiency
- Infinitely variable blade speed controlled by world-brand inverter

### **Blade Guidance & Lubrication System**

- Hydraulic Tungsten Carbide Blade Guides with bearing guides
- Blade deviation detector
- Hydraulically powered guide arm controlled directly from control panel
- Automatic hydraulic blade tensioning device
- Integral coolant system
- Powered chip removal system

### **Control & Automation**

- LCD Screen indicating feed rate, cutting rate, blade speed and cutting time
- Work length setting
- Error message feedback
- Automatic shutoff at end of last cut
- Slow Entry and Exit Modes (SEEM)
- Servo motor controlled cutting pressure
- Automatic torque adjustment

### **Material Feeding & Clamping**

- AC Servo Motor coupled with planetary gearbox enabling high torque and low speed capability
- Smooth, pulse free feeding from 2 mm/min to 2000 mm/min
- Laser alignment beam light for easy measurement (optional)

### **Safety**

- Interlock design in electrical and hydraulic system
- Conduits protection measure
- "Alert Orange" safety measure

### **Standard Accessories**

- Additional flushing hose
- Bi-metal saw blade
- Tool box, leveling pads, and an additional wire brush
- Operation & parts manual

\*All designs and specifications are subject to change without notice or obligation