

JATAS Machinery Sales Inc.

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Traversing Head Vertical Plate Saw

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

Specifications

Maximum Cutting Capacity	Height	700 mm (27.6")
	Throat	600 mm (23.6")
	Length	2000-7000 mm (79"-276") per customer's request
Saw Blade	Size	6315 x 54 x 1.6mm (248.6" x 2" x 0.06")
	Speed	12-80m/min (39-262fpm)
Motor Output	Blade	15 hp
	Hydraulic	3 hp / 2 hp
	Feed	1.3 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)

SV-7060 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