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Traversing Head Vertical Plate Saw

- Model Number : [SV-4060](#)
- Design Style : [Servo Motor Drive Saw Frame](#)



Specifications

Maximum Cutting Capacity	Height	460 mm (18")
	Throat	660 mm (26")
	Length	2000-7000 mm (79"-276") per customer's request
Saw Blade	Size	5815 x 54 x 1.6mm (229" x 2" x 0.06")
	Speed	12-80m/min (39-262fpm)
Motor Output	Blade	7.5 hp (5.625 kW)
	Hydraulic	2 hp / 1 hp (1.5 kW / 0.75 kW)
	Feed	1 1/3 hp (1 kW)
	Coolant	1/4 hp (0.375 kW)
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

SV-4060 Machine Features

Structure

- Triple Precision Ground Wheels and widened Double Track
- Extra heavy-duty work table designed in consideration of heavier cutting load

Blade Drive

- Planetary gearbox guaranteeing high transmission efficiency
- Inverter controlled infinitely variable blade speed

Blade Guidance & Lubrication System

- Hydraulic Tungsten Carbide Blade Guides with bearing guides
- Hydraulic guide arms
- Automatic hydraulic blade tensioning device
- Hydraulic Chip Removal System
- Integral coolant system
- Synchronized power driven blade brush & extra coolant nozzle

Control & Automation

- LCD Screen indicating feed rate, cutting rate, work length setting, error messages.
- Automatic shutoff at end of last cut
- Servo motor controlled cutting pressure
- Automatic torque adjustment
- Laser Beam Projector for easy measurement (Option)

Material Feeding & Clamping

- 3 Independent Hydraulic lift take-in roller system
- 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

Safety

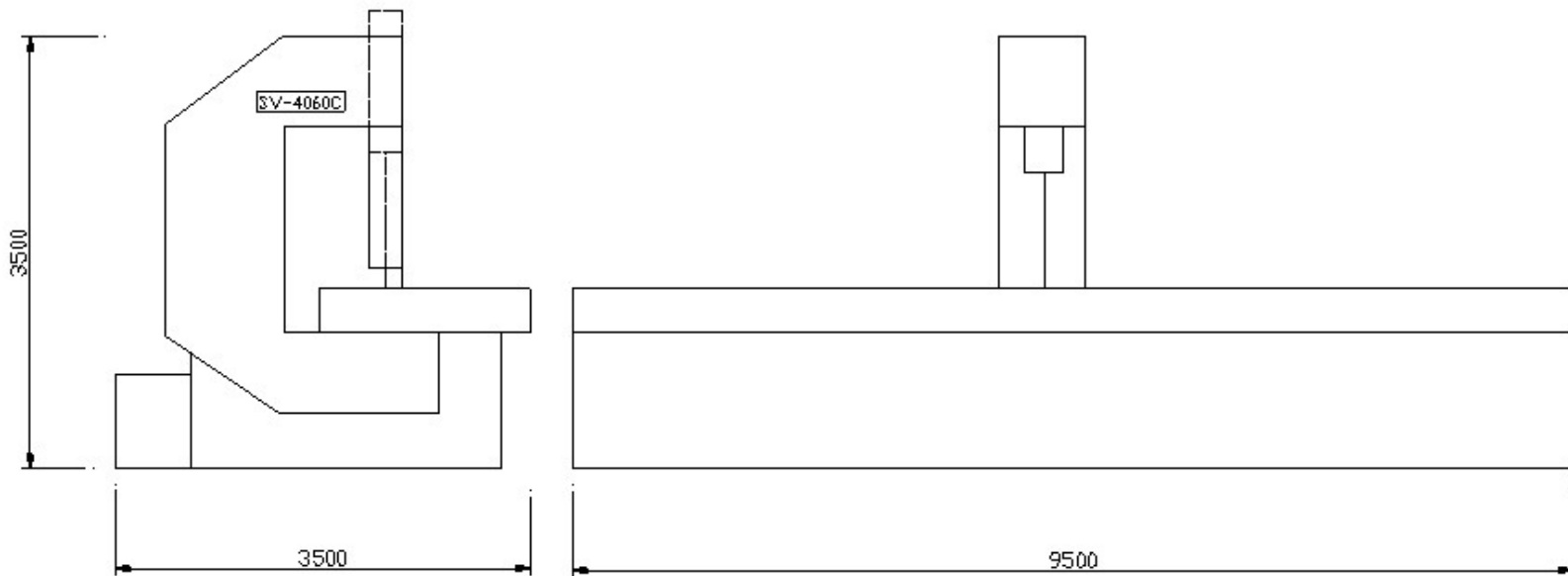
- Interlock design in electrical and hydraulic system
- Conduits protection measure
- "Alert Orange" safety measure

Standard Accessories

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

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

Floor plan



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