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Traversing Head Vertical Plate Saw

- ▣ Model Number : [SV-130160](#)
- ▣ Design Style : [Servo Motor Drive Saw Frame](#)

Specifications

Maximum Cutting Capacity	height	1300 mm (51")
	Throat	1600 mm (63")
	Length	2000-7000 mm (79"-276") per customer's request
Saw Blade	Size	10000 x 80 x 1.6mm (394" x 3.1" x 0.06")
	Speed	12-80m/min (39-262fpm)
	Tension	Hydraulic
	Guide	Carbide guides
Motor Output	Blade	20 hp
	Hydraulic	3hp & 2hp
	Feed	2.9 KW
	Coolant	1/2 hp
Hydraulic	Tank	80 / 60 L (17/13 gal)
	Pressure	55 / 55 kg/cm ² (785/785 psi)
	Output Flow	40 / 12 L/min (8.8/2.6 gal/min)

Machine Features

SV-130160 Machine Features

Structure

- Triple Wheels and widened Double Track
- 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 Conveyor
- 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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