



Key Highlights

- **Variable Rake Angle Shearing** for optimized cutting of various materials and thicknesses.
- **Robust Design** for continuous operation in heavy-duty industrial environments.
- **Hydraulic Hold-Down System** ensures accurate and stable sheet placement during cutting.
- **Ideal for MS & SS Sheets** — Designed to handle both mild steel and stainless steel with precision.
- **Adjustable Rake Angle** between 0.5° and 3° for improved cut quality and reduced distortion.

Technical Specifications:

Parameter	Specification
Max. Cutting Length	4000 mm
Max. Shearing Capacity	Mild Steel: 3.15 mm Stainless Steel: 2.00 mm
Material Type	Mild Steel (MS), Stainless Steel (SS)
Blade Material	High Carbon High Chromium (HCHCr) Tool Steel
Blade Clearance Adjustment	Manual / Motorized (optional)
Nominal Rake Angle	1°15' (Approx. 2° – 3.15°)
Rake Angle Range	Adjustable from 0.5° to 3.0°
Cutting Stroke per Minute	12 strokes/min
Back Gauge Range	5 mm to 800 mm (manual or motorized, optional)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Parameter	Specification
Hold-Down Mechanism	Hydraulic Cylinders
Number of Hold-Down Cylinders	6
Total Holding Force	20,000 Kg
Drive System	Hydraulic Powered
Motor Power	5 HP (3.75 kW)
Hydraulic System Pressure	Approx. 180–200 bar
Control Type	Push Button / PLC Compatible (Optional)
Power Supply	3 Phase, 415 V, 50 Hz
Machine Dimensions (L×W×H)	4700 × 1500 × 2250 mm
Approx. Machine Weight	~5800 kg
Safety Features	Finger Guard, Overload Protection, Emergency Stop
Paint Finish	Powder Coated / Industrial Grade Enamel
Optional Accessories	Motorized Back Gauge, NC/PLC Controls, Light Guard

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