



UNIVERSE HYDRAULIC GUILLOTINE SHEARING MACHINE AZA1179

The AZA LAB Hydraulic Guillotine Shearing Machine – Model AZA1179 is a high-precision industrial cutting system engineered for efficient, accurate, and distortion-free shearing of metal sheets. Designed with a hydraulically variable rake angle, the machine delivers superior cutting quality, especially for thin sheets, while minimizing burr formation and material twist.

Part of AZA LAB's advanced guillotine shear series (AZA1179–AZA1185), this model is ideal for fabrication workshops, sheet metal industries, HVAC manufacturing, and general engineering applications where precision, repeatability, and operational safety are critical.



Key Advantages

- High-precision shearing with consistent edge quality
- Reduced sheet distortion due to optimized rake angle geometry
- Energy-efficient hydraulic system with lower power consumption
- Integrated safety interlocks for operator and machine protection
- Robust welded construction for long-term industrial use



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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1179
Cutting Length	1500 mm
Shearing Capacity (M.S. / S.S.)	2 mm / 2 mm
Nominal Rake Angle	0.6°
Rake Angle Range	Up to 1°
Strokes per Minute	30
Number of Hold Downs	3
Holding Force	2000 kg
Main Motor Power	3 HP
Packing Dimensions (L × W × H)	2000 × 1000 × 1250 mm

Build Quality & Safety

The AZA1179 is manufactured using ultrasonically tested IS 2062-grade steel, ensuring structural integrity and long service life. Integrated hydraulic and electrical interlocks enhance operator safety and protect the machine from overload conditions, making it suitable for continuous industrial use.