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HYDRAULIC JACKS AZA1142

The Azalab Hydraulic Jack (AZA1142) is a heavy-duty, high-capacity lifting and load application device designed for laboratory testing and industrial applications. Engineered for precision, safety, and durability, it provides controlled force for structural testing, calibration, and general lifting operations.

Constructed from hardened steel with corrosion-resistant coating, the AZA1142 ensures reliable performance under demanding conditions. Its compact and portable design makes it suitable for both laboratory setups and field operations.



Key Features

High Load Capacity Range

- Available from 5 tons to 100 tons

Precision Load Control

- Smooth lifting and lowering via control valves

Heavy-Duty Construction

- Hardened steel body with anti-corrosion finish

Safety Integrated Design

- Overload protection and lock valve system

Compact & Portable

- Suitable for on-site and lab use

Flexible Operation

- Manual or foot-operated variants available

Multi-Orientation Use

- Supports vertical and horizontal operation

Instrumentation Compatibility

- Works with pressure gauges and load cells



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TECHNICAL SPECIFICATIONS

Feature	Specification
Model No.	AZA1142
Load Capacity	5 – 100 tons
Operation Type	Manual / Foot-Operated
Lifting Height	150 – 300 mm
Cylinder Material	Hardened Steel
Surface Finish	Corrosion-Resistant Coating
Gauge Compatibility	Yes (Pressure / Digital)
Safety Features	Overload Protection, Lock Valve
Weight	5 – 25 kg (model dependent)
Standards	ASTM D695, ASTM C39, EN 12390-3

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