

HYDRAULIC CRIMPING MACHINE

KEY FEATURES

Precise | Reliable | Robust

Hydraulic Crimping Machine is designed for crimping coin cells, button cells, and small battery components with consistent pressure and high repeatability. Ideal for R&D and small-scale battery production laboratories.



High Pressure Output
Delivers high and uniform pressure for consistent crimping results.



Precise Pressure Control
Built-in pressure gauge for accurate monitoring and control.



Robust & Durable Design
Heavy-duty construction with corrosion-resistant components for long life.



Manual Operation
Ergonomic lever for smooth and effortless operation.



Compact & Portable
Space-saving design suitable for laboratory bench-top use.



Safe & Reliable
Equipped with safety valve and overload protection for secure operation.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	Hydraulic Crimping Machine
Crimping Pressure	0 – 600 kg/cm ² (0 – 60 MPa)
Pressure Gauge	0 – 400 kg/cm ² / 0 – 6000 psi
Mold / Die Size	16 mm, 20 mm (Standard) (Other sizes available on request)
Crimping Stroke	20 mm (approx.)
Operation	Manual (Hydraulic Lever)
Hydraulic Oil	ISO VG 46 (Recommended)
Material	Mild Steel Body with SS Components
Finish	Powder Coated
Dimensions (L x W x H)	250 x 180 x 280 mm (Approx.)
Net Weight	18 – 22 kg (Approx.)
Application	Coin Cells, Button Cells, Small Battery Components
Safety Features	Pressure Relief Valve, Overload Protection
Working Temperature	5 – 40 °C
Storage Temperature	-10 – 60 °C
Humidity	≤ 85% RH
Warranty	1 Year (Against Manufacturing Defects)

TYPICAL APPLICATIONS



Coin Cell Crimping



Button Cell Assembly



Battery R&D



Small Battery Production



Laboratory Use



Research & Development

BENEFITS



Uniform Crimping



High Repeatability



Long Service Life



Low Maintenance



Safe & Efficient

STANDARD ACCESSORIES

- Pressure Gauge
- Hydraulic Lever
- Set of Standard Dies (16 mm & 20 mm)
- Instruction Manual

OPTIONAL ACCESSORIES

- Different Size Dies (Custom)
- Spare Seals & O-rings
- Hydraulic Oil



Precision Engineering



Reliable Performance



User Friendly



Lab Scale Solution

Engineered for Precision. Built for Reliability.