

Water Expansion Metal Forming Machine

The water expansion metal forming machine forms and shapes metal parts using hydraulic pressure and water expansion. This machine is engineered for precision and efficiency in applications requiring controlled deformation of materials.



Product Overview

Advanced Water Expansion Technology

The Y63 series water expansion hydraulic machine leverages the bulging principle to manufacture complex metal objects with precision. Designed specifically for the cup and tableware industry, it utilizes high-quality imported hydraulic and electrical components for long-term reliable operation. The system features a cyclic supercharging mechanism that provides large injection pressure, allowing manufacturers to create parts without being restricted by water volume.

Technical Specifications

Product Constraint Factor	Clamping force
Component Standards	Imported Hydraulic Components, Imported Electrical Components

Performance Metrics

Key Performance Features

- Cyclic supercharging system
- High injection pressure capacity
- Unlimited water volume flexibility

Application

Primary Industries

Cup Manufacturing • Tableware Industry • Automotive • Aerospace