

Metal Rod and Wire Drawbench

A drawbench is a machine designed to draw metal through a die, reducing its diameter and increasing its length. This process enhances the material's tensile strength and surface finish.



Overview

Industrial Metal Drawing Solution

The Metal Rod and Wire Drawbench is a specialized machine designed to reduce the diameter and increase the length of metal rods, tubes, and wires. By pulling material through a precision die, the process significantly enhances the material's tensile strength and surface finish quality. This equipment is essential for producing high-quality metal products with precise dimensions for demanding industries such as automotive, aerospace, and construction.

Core Functionality

Primary Functions

- Diameter reduction of metal rods and wires
- Material elongation
- Tensile strength enhancement
- Surface finish improvement

Machine Components

Key Components

Long Bed, Die Carriage, Gripping Mechanism, Drawing Die

Applications

Target Industries

Automotive • Aerospace • Construction • Metal Fabrication

Technical Capabilities

Processing Capabilities

- Rod drawing
- Tube drawing
- Wire drawing

Performance Benefits

Output Quality

1 Rating

High Precision Dimensions

1 Rating

Improved Tensile Strength