

Wire and Rod Drawing Bench

This drawbench is designed for drawing materials like metals or polymers into specific shapes. It utilizes a multi-spool unwinding section, tension control rollers, a drawing unit, and a control panel for operation.



Overview

High-Precision Drawing Solutions

The Wire and Rod Drawing Bench is a sophisticated industrial system designed for the precise processing of metals and polymers into specific shapes and dimensions. This versatile machinery integrates unwinding, tension control, and drawing units to manufacture wires, rods, tubes, and profiles with exceptional efficiency. It is an ideal solution for B2B operations requiring high-accuracy material reduction and consistent output quality.

Core Components

System Components

- Multi-spool unwinding section
- Tension control roller system
- Precision drawing unit
- Integrated control panel

Capabilities

Compatible Materials

Metals • Polymers

Supported Profiles

Wires, Rods, Tubes, Profiles

Operation & Control

Adjustable Parameters

- Drawing speed
- Material tension
- Drawing force

Monitoring & Control

Centralized control panel for real-time operation monitoring and precise parameter adjustment.

Technical Features

Feeding Mechanism

Multi-spool unwinding for continuous material supply.

Material Alignment

Series of rollers ensuring consistent tension and alignment throughout the drawing process.