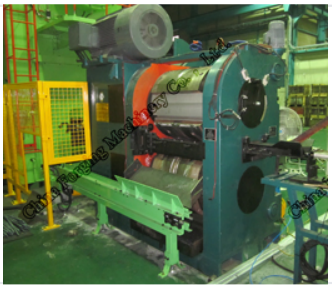
D46 Cross Wedge Rolling Machine

The D46 cross wedge rolling machine is an advanced forming process suitable for manufacturing multi-shoulder shafts with high precision. It offers twice to five times the productivity of traditional die forging and increases material utilization due to the absence of flash.



Overview

Advanced Cross Wedge Rolling Technology

The D46 Cross Wedge Rolling Machine is an advanced forming solution designed for high-precision manufacturing of multi-shoulder shafts. This technology significantly enhances productivity, delivering output rates two to five times faster than traditional die forging methods while improving material utilization by 10-15%. Engineered for reliability, it features a robust design that extends die service life by over ten times compared to conventional machinery.

Key Features

Core Benefits

- High deforming precision with stable material volume distribution
- Double eccentric adjusting mechanism for center distance (patent technology)
- High-rigidity construction with high automation degree
- Quiet, low-noise operation with no shocking
- Compatible with automatic rolling lines and heating furnaces

Industry Applications	Automotive Gearbox Shafts, Connecting Rods, Crankshafts, Complex Forgings

Technical Specifications

D46 Series Parameters

Model Type	Center Distance (mm)
D46-25X300	400
D46-35X300	500
D46-50X400	630

Maximum Center Distance

1500 mm
Max Center Distance