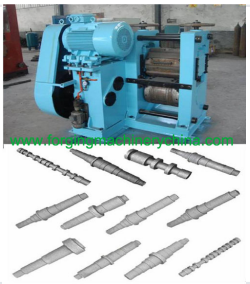
Cross Wedge Rolling Mill for Shaft Forging

The cross wedge rolling mill is a metal forming machine that produces stepped shafts and complex rotational parts. It is ideal for forging components like shafts, connecting rods, axles, and spanners.



Overview

High-Efficiency Metal Forming

The Cross Wedge Rolling Mill is a specialized metal forming machine designed for the production of stepped shafts and complex rotational parts. By utilizing rotating wedge-shaped tools, it offers superior material utilization, precise dimensional control, and an excellent surface finish compared to traditional forging methods. This machine is an ideal solution for mass production in automotive and engineering sectors, providing significant improvements in productivity and tool longevity.

Performance & Efficiency

Key Operational Benefits

- High material utilization
- Superior surface finish
- Precise dimensional control
- High productivity and efficiency
- Reduced energy consumption
- Extended tool lifespan (3x longer than air hammers)

Applications

Typical Applications	Connecting Rods, Crankshafts, Camshafts, Auto Parts, Fasteners, Stepped Shafts

Technical Details

Machine Features

- Robust frame construction
- Precision bearing system
- Powerful drive system
- Multi-wedge tool configuration

Compatible Materials	Steel, Aluminum, Copper Alloys