

Connecting Rod Boring and Grinding Machine

This machine is applied to bore and grind bearing holes on connecting rods of gasoline and diesel engines. It features adjustable grinding speeds and feed rates, allowing for optimal material removal and surface finish.



Overview

Precision Machining for Engine Components

The TM8216 is a specialized machine designed for the precision boring and grinding of bearing holes, including copper quills and connecting-rod tiles. It is engineered to service connecting rods for gasoline and diesel engines used in automobiles, tractors, and various other power sources. By allowing for fine boring and grinding of deformed workpieces after combining surfaces, it ensures the parallelism of two center lines for optimal engine performance.

Applications

Primary Applications

- Connecting rod bearing holes
- Copper quill boring and grinding
- Connecting-rod tile processing
- Piston pin hole fine boring
- Gas pump bearing hole machining
- Valve seat hole machining

Compatibility

Compatible Engine Types

Gasoline Engines, Diesel Engines, Automotive, Tractors

Technical Features

Machining Capabilities

Fine Boring • Grinding • Parallelism Alignment

Model Number

TM8216