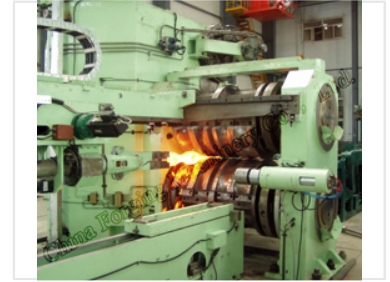


Automatic Forging Roll with PLC Control

This automatic forging roll is controlled by a PLC and features a man-machine interface for setting and adjusting motion via a touch screen. It includes eccentric adjustment for roller center distance, automatic backlash compensation, and an automatic lubrication device.



Product Overview

ZGD Series Automatic Forging Roll

The ZGD series is a high-performance automatic forging roll system engineered for precision industrial applications. Featuring advanced PLC control and a user-friendly touch screen interface, it offers automated diagnostic capabilities and adjustable motion settings to optimize production efficiency. Designed for versatility, this machine is ideal for manufacturing critical components such as automotive front axles, connecting rods, steering knuckles, and turbine blades.

Key Features

Automation Capabilities

PLC Control, Touch Screen Interface, Automatic Fault Diagnosis, Automatic Lubrication, Automated Work-piece Feeding

Technical Specifications

Technical Data

Type	Outer Diameter of Die (mm)
ZGD-370	370
ZGD-460	460
ZGD-560	560
ZGD-680	680
ZGD-1000	1000
ZGD-1250	1250

System Configuration

Hydraulic System Features

- Integrated cooling and heating device
- Temperature monitoring
- Fluid level alarm
- Slow hydraulic start mechanism
- Rapid rolling functionality

Operational Control

Clutch and Brake Modes

Single-action • Serial action • Inching