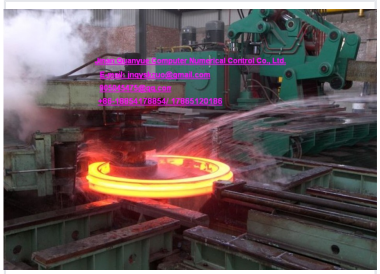
CNC Radial Ring Rolling Machine

This equipment is specialized for processing high-quality seamless rings. It utilizes computer numerical control (CNC) technology to form rings from carbon steel, stainless steel, titanium alloy, copper alloy, aluminum alloy, and high-temperature alloy materials.



Overview

D52K Series CNC Radial Ring Rolling Machine

The D52K series is an advanced numerical control radial ring rolling machine engineered for high-precision manufacturing of seamless rings. Designed for versatility, it supports a wide range of materials including carbon steel, stainless steel, titanium alloys, and high-temperature alloys. With an integrated Siemens S7-300 PLC system and intuitive Windows-based software, this equipment ensures stable, intelligent, and efficient production for industries ranging from aerospace to heavy transport.

Applications

Key Applications	Bearing Manufacturing, Gear Rings, Pipe Flanges, Wheel Hubs, Rotary Supports, Aerospace Components, Heavy Transport

Technical Specifications

Performance Metrics

1.3 m/s
Rolling Linear Speed

Model Specifications

Model	Outer Diameter (mm)	Height (mm)	Radial Force (kN)	Power (kW)
D52K-630	220-630	160	500	110
D52K-1000	350-1000	250	800	200
D52K-1600	400-1600	300	1000	280
D52K-2000	450-2000	350	1250	355
D52K-3000	500-3000	400	2000	500

Control System

Control System Features

- Industrial control computer
- Siemens S7-300 PLC
- Quick bus communication
- A/D and D/A modules
- Windows-based interface

Material Compatibility	
Supported Materials	Carbon Steel, Stainless Steel, Titanium Alloy, Copper Alloy, Aluminum Alloy, High Temperature Alloy