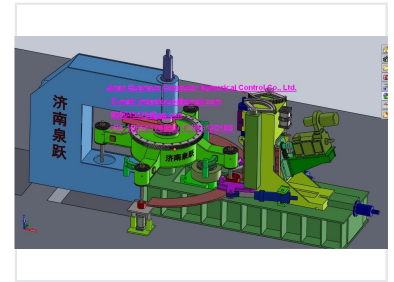
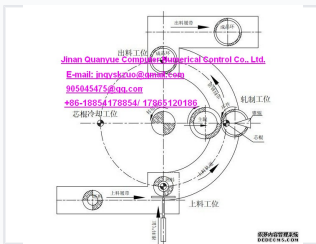


Automated Bearing Production Line with CNC Diameter Axial Ring Rolling

This automated production line is designed for bearing manufacturing. It features a four-working station CNC diameter axial ring rolling machine for precise and efficient production.



ADDITIONAL IMAGES



Product Overview

Automated Bearing Production Line

This automated production line utilizes advanced computer numerical control (CNC) technology to integrate mechanical, electrical, and hydraulic systems into a seamless manufacturing solution. Designed for the high-quality processing of seamless rings, the equipment offers superior process characteristics for efficient, high-volume production. By minimizing human intervention, the system enhances manufacturing consistency and reduces overall production costs.

Technical Specifications

Ring Dimensions

180 mm Min Outer Diameter	300 mm Max Outer Diameter	35 mm Min Height	100 mm Max Height
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Rolling Force

300 KN Max Radial Force	300 KN Max Axial Force
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Operational Parameters

Parameter	Value
Rolling line speed	~1.3 m/s
Stroke of the Core-roller	150 mm
Cone-roller range	30-150 mm
Diameter of roller core	60 mm
Max ring weight	10 Kg

System Components

Integrated Systems

Mechanical Integration, Electrical Integration, Hydraulic Integration, Instrument Integration, Lubricating System, Cooling System