

Screw Thread Rolling Machine

This machine is used for rolling larger trapezoidal threads, modulus threads, and high-strength standard parts. It is suitable for rolling materials with elongation greater than 10% and tensile strength less than 100N / mm² of various carbon steel, alloy steel, and non-ferrous metals.



ADDITIONAL IMAGES



Overview



High-precision Z28-650 screw rolling machine designed for high-volume industrial fastener production.

Z28-650 Screw Rolling Machine

The Z28-650 is a high-performance screw rolling machine designed for the precision manufacturing of trapezoidal threads, modulus threads, and high-strength standard parts. Utilizing a cold-rolling process, it significantly enhances material strength and surface finish compared to traditional cutting methods. Featuring a robust, industrial-grade structure and powerful motor drive, this machine is engineered for reliability in high-volume production environments.

Performance Specifications

Spindle Speeds

- 16
- 26
- 38
- 55
- 90

Maximum Roll Pressure

650 KN

Capacity

Maximum Roll Diameter	120 mm
Maximum Roller Diameter	290 mm
Roller Diameter	100 mm
Maximum Roller Thickness	200 mm
Spindle Center Distance	300-410mm
Axis Tilt Angle	±15°

Power Requirements

Power Ratings

22 KW

Active Power

7.5 KW

Hydraulic Power

125 KW

Cooling Power

Physical Dimensions

Machine Dimensions & Weight

Metric	Value
Weight	6100kg ± 50kg
Dimensions (L*W*H)	2300 * 2540 * 2700mm

Compatibility

Suitable Materials	Carbon Steel, Alloy Steel, Non-ferrous Metals
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