

Leadscrew Thread Grinding Machine

This thread grinder utilizes a shaped grinding wheel for precision thread processing. Its electronic gearbox expands the lead range and simplifies programming.



ADDITIONAL IMAGES



Overview

Robust construction designed for stability and vibration damping during high-precision grinding operations.

High-Precision Thread Grinding

This Leadscrew Thread Grinding Machine is designed for high-productivity metal surface grinding, utilizing a shaped grinding wheel as an abrasive tool to process precision threads. It features advanced closed-loop control with an 18000-line angle encoder and high-precision ball screws for both the mother screw and horizontal feed. The machine is fully enclosed, ensuring a clean and safe working environment with integrated electrostatic air purification.

Technical Specifications



Precision metal surface grinding machine featuring optimized grinding wheel configurations.

Max. Workpiece Capacity (Dia. x Length)

Model	Capacity (mm)
17608	320 x 1000
17609	320 x 1500
17610	320 x 2000

Grinding Range

320 mm

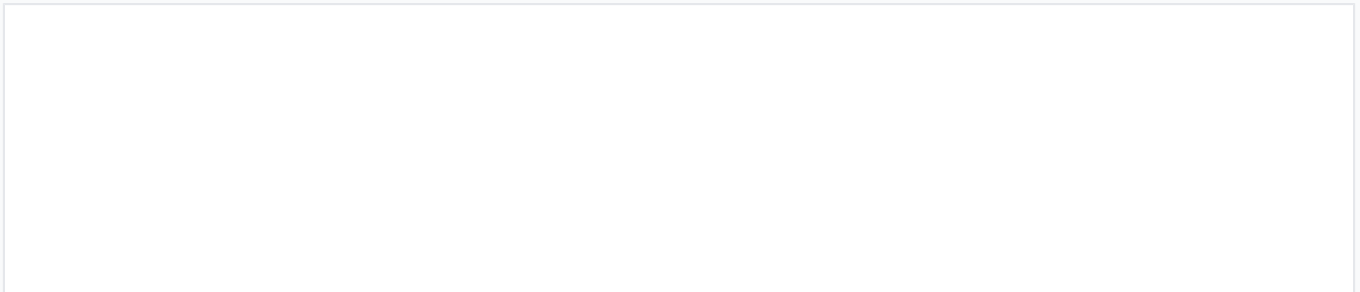
Max Diameter Ground

6 mm

Min Diameter Ground

Metric Thread Lead	40 mm
Inch Thread Lead	1-14 t/in
Module Thread Lead	1-16

Key Features



Precision metal surface grinding machine with integrated cooling system for thermal stability.

Build Quality

High-precision rolling bearings • Ball screw feed • Fully enclosed enclosure • Electrostatic air purifier

Control Features

Electronic Gearbox, Closed-loop Control, Automatic Indexing, Stepless Speed Regulation