

CNC Lathe

This CNC lathe is designed for precision machining operations. It features a CNC control system for automated operation and precise control over machining parameters.



Overview



Comprehensive overview of the STL10 series featuring its slant bed structure and technical capacity.

High-Precision CNC Lathe for Industrial Machining

The STL10 is a high-performance CNC lathe featuring a cast mono-block, 35° slant bed design for superior stability and accuracy. It is equipped with a high-speed bidirectional indexing turret and an automatic hydraulic tailstock that reduces setup time by up to 90% compared to manual alternatives. This versatile machine is ideal for a wide range of turning applications including facing, threading, and drilling in demanding B2B manufacturing environments.

Key Performance Metrics

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10 inch

Chuck Size

3000 rpm

Spindle Speed

500 mm

Max Swing Over Bed

18 kVA

Power Capacity

Capacity & Dimensions

Max Swing Over Slide	300 mm
Max Workpiece Length	750 mm (up to 1500 mm optional)
Overall Dimensions	3350 x 2000 x 2350 mm
Machine Weight	5850 kg

Spindle & Motor

Spindle Bore Diameter	86 mm
Spindle Nose Type	A2-8
Main Motor Power	11/15 kW

Axis & Turret

Axis Travel (X/Z)	X: 280 mm / Z: 750 mm
X/Z Rapid Traverse	15/20 m/min
Number of Tool Stations	8
Tool Shank Size	25 x 25 mm

Tailstock

Tailstock Type	Automatic Hydraulic
Tailstock Quill Taper	MT5
Tailstock Quill Travel	150 mm

Standard Features

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- Hydraulic 3-Jaw Chuck
- 8-Station Bi-directional Turret
- Automatic Lubrication System
- Automatic Coolant System
- Hydraulic Tail Stock
- Handheld Electronic Hand Wheel

Construction

Machine Characteristics

Cast Mono-Block • True Align Slant Bed • Linear Motion Guideways • Ergonomic Control Panel • CE Certified

Optional Configurations

Available Options	12-Station Turret, Chip Conveyor, Tool Setter, Collet Chucks, Custom CNC Systems
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