

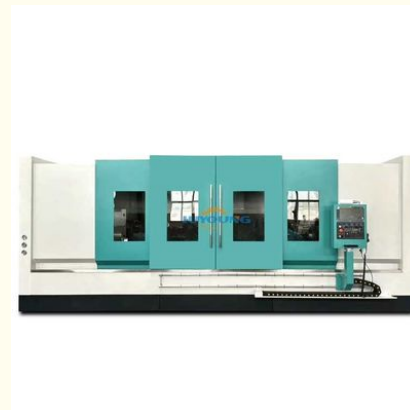
Long Distance Tck600-3000mm Slant Bed Machine With Driven Turret Y Axis 45degree Inclined Bed

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: TCK600
- Minimum Order Quantity: 1
- Price: USD172000-USD180000
- Packaging Details: Fumigation-free plywood
- Delivery Time: 45 working days
- Supply Ability: 100sets

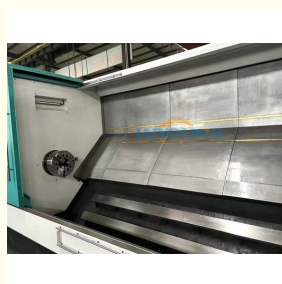
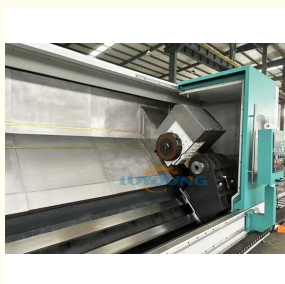


Product Specification

- Tool Turret: 12 Station
- Bar Diameter: 70
- Core Components: Bearing, Gear
- Max Turning Length: 3000mm
- Key Words: Slant Bed CNC Lathe Machine
- Weight: 12000
- Repeatability Accuracy: $\pm 0.003\text{mm} \pm 0.01\text{mm}$
- Tailstock Max Travel: 2700
- Highlight: 45degree Slant Bed Machine,
3000mm Slant Bed Machine,
Driven Turret Slant Bed Machine



More Images



Product Description

Long Distance TCK600-3000mm Slant Bed CNC Lathe Machine with Driven Turret

Key Features

- 45-degree inclined bed design for optimal chip removal and stability
- 12-station servo turret for efficient tool changes
- Y-axis capability for complex machining operations
- High precision with ±0.003mm repeatability
- 3000mm maximum turning length for large workpieces
- Φ70mm bar capacity for continuous production

Technical Specifications

Main Dimensions	
Max swing diameter over bed	Φ600mm
Max cutting diameter	Φ320mm
Max workpiece length	3000mm
X/Z axis guide width	45/45mm
Spindle System	
Servo motor power	15Kw
Spindle bore diameter	Φ86mm
Spindle speed range	5-3000 rpm
Feed System	
X axis travel	280mm
Z axis travel	3000mm
Reposition accuracy (X/Z)	±0.003mm/±0.01mm
Workpiece machining accuracy	IT6-IT7
Tailstock	
Max travel	2700mm
Sleeve diameter/travel	Φ100/180mm

Industry Applications

This high-precision slant bed CNC lathe is ideal for demanding industries including:

- IT and electronics components
- Precision instrumentation
- Aerospace components
- Military applications
- Complex rotating parts manufacturing



Additional Specifications

Control System	
CNC system	KND
Power supply	Three-phase 380V 50Hz
Cooling System	
Water tank capacity	60L
Cooling pump power	450W
Machine Dimensions	
Overall size (L×W×H)	6300×2480×2400mm
Machine weight	12000kg

Note: The spindle speeds listed represent standard configuration ranges. When using alternative chucks or tooling, please observe the maximum allowable speed specifications. Maximum torque is constant, but achievable cutting parameters decrease with larger diameters - adjust machining parameters accordingly.



shandong lu young machinery co.,ltd

86 18660852746

sales@luyoungmachinery.com

luyoungcncmachines.com

Room 1061, Building A, Guoshan Center, Taiqian Street, Taishan District, Taian City, Shandong Province