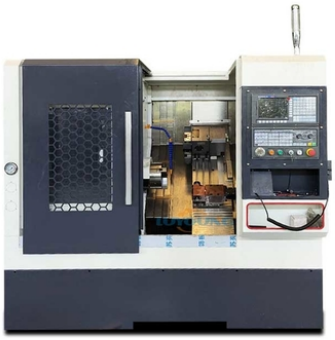
TCK40 Slant Bed Machine Turning Center Metal Hydraulic Turret A2 6 Spindle

Our Product Introduction

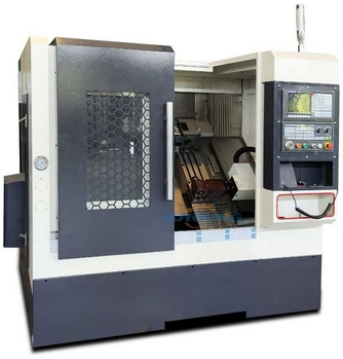
Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: TCK40
- Minimum Order Quantity: 1
- Price: USD12000-USD25000
- Packaging Details: Fumigation-free plywood
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets



Product Specification

- Highlight: **TCK40 slant bed machine**, **slant bed machine A2 6 spindle**, **Slant Bed Turning Center**



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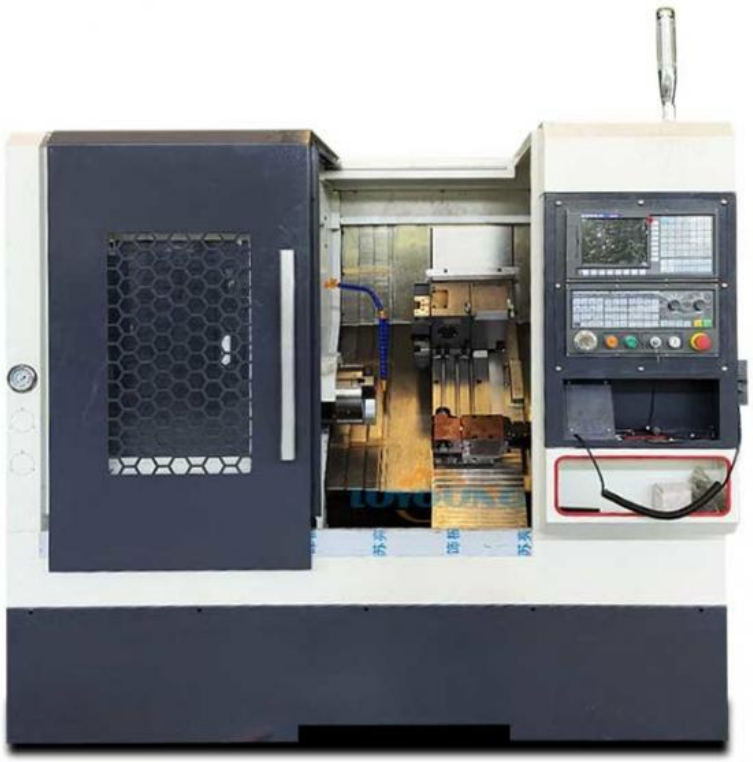
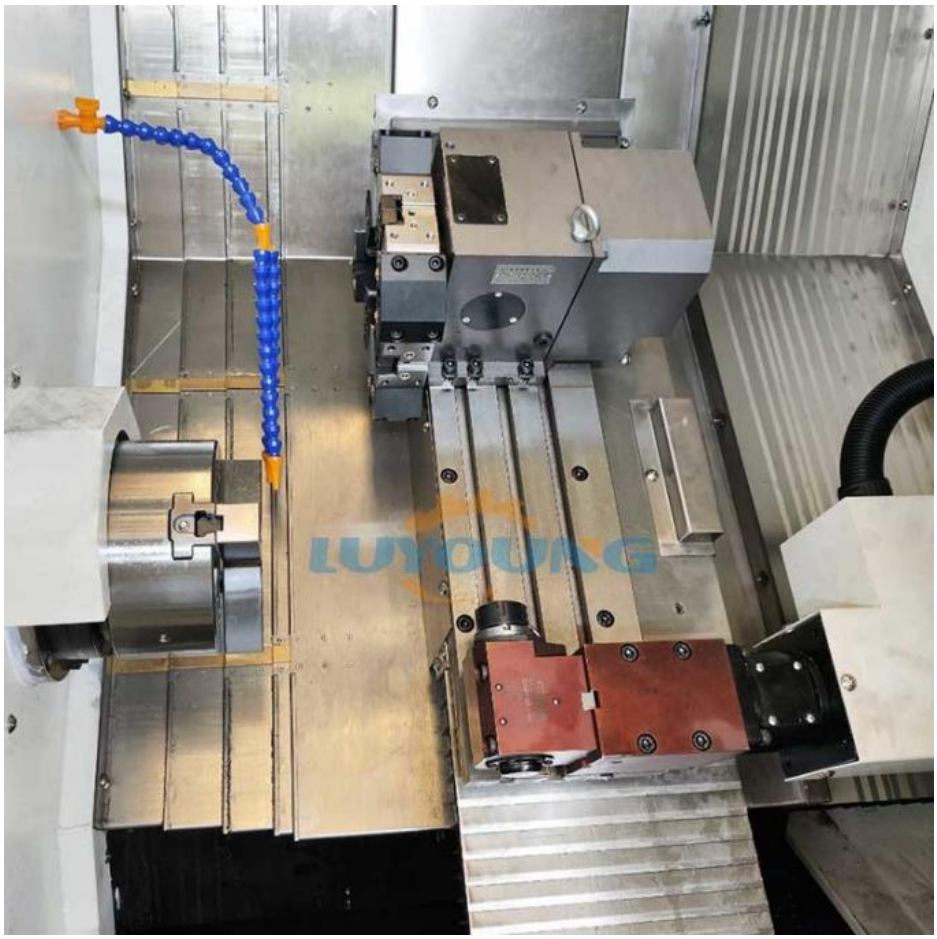
Product Description

TCK40 slant bed machine hydraulic turret A2-6 spindle





Specifications:

Model	TCK40
Max. swing diameter over bed(mm)	Φ450
Max. cutting diameter(mm)	Φ120
Max.cutting length(mm)	335
X axis travel(mm)	900
Z axis travel(mm)	335
X/Z axis movement speed(mm/min)	24000
Handwheel(mm)	0.001/0.01/0.1
X,Z axis feed speed(mm/min)	0~5000
X,Z axis manual feed speed(mm/min)	0~1260
X/Z axis repositioning accuracy(mm)	0.005/0.006
X/Z axis positional accuracy(mm)	0.01/0.015
Max spindle speed (rpm)	4,500
Max. spindle torque (N.m)	35
Spindle taper	A2-6(optional A2-5)
Spindle bore (mm)	Φ52
Bar through-hole(mm)	Φ40
hydraulic chuck	6" (Optional8")
Turret type	Hydraulic tool turret (other option:Gang type tool holder)
Number of tool holder	/
Tool change times(s)	/
Tool mounting dimension(mm)	25x25(20×20)
Boring tool holder mounting diameter(mm)	Φ32(Φ25)
Tailstock travel (mm)	/
Center taper	/
Main motor power(kW)	5.5
Main motor torque (N.m)	35
X/Z axis feed motor Power (kw)	1.5
X/Z axis feed motor torque (N.m)	6
Coolant capacity (L)	200
Motor type (1HP) (kw)	0.125
L×W×H(mm)	2100*1450*1850
Machine weight (kg)	1600

Features:

The TCK40 slant bed lathe is a high-performance CNC lathe with the following key features:

- Slant Bed Design: It features a 45-degree integral slant bed structure, which helps improve the rigidity and stability of the machine while facilitating chip removal and reducing interference during the cutting process.
- High-Precision Guideways: Equipped with high-precision linear rolling guideways from Taiwan, ensuring positional accuracy and repeatability during the machining process.
- Spindle Structure: The spindle adopts a modular design and is equipped with a variable-speed motor, allowing for high rotational speeds to meet various machining requirements.
- Chip Removal Method: Supports both right-side and rear chip removal options, allowing users to choose based on actual needs, thereby enhancing machining efficiency.
- Wide Application: Suitable for machining various shaft and disc parts, capable of turning threads, arcs, cones, and the inner and outer surfaces of revolution bodies, meeting the high-speed cutting requirements for both ferrous and non-ferrous metals.
- High Reliability: The overall design emphasizes high speed, high precision, and high reliability, ensuring good performance during long-term operation.

These features make the TCK40 slant bed lathe widely used in modern manufacturing, especially in industries such as automotive, engineering machinery, and aerospace.

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