



## CK6136 CNC

CK6136 CNC Lathe Machine

\*Broad Application

\*High Precision \*High Rigid \*High Stability \*High Efficiency

CK6136 CNC Lathe Machine

Feature

1. Broad Application

\*Application Field: Metal, Instruments, Medical Apparatus etc.

\*Machining Range: Long Spindle, Big Disk, Curve Surface etc.

\*Machining Shape: Cylinder, Cone, Tower-shape, Pear-shape, Pipe & Taper Screw Thread etc.

2. High Precision:

\*Machining Class: Precise and Rough Class

\*Machining Precision: 0.01mm

\*Min. Setting Unit: 0.001mm

3. High Rigid:

\*Guideway Forged by Cast Iron

\*Ultrasonic Frequency Quenched Guide Way

4. High Stability:

\*Full-enclosed Cover

\*Integral Casted Bed

\*Precise Rigid Bearing (Import from USA & Japan)

\*5.5kw Spindle Motor

5. High Efficiency:

\*X.Z Axes Driven Directly

Detailed Specification:

Item Specifications	Unit Parameter
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Capacity	Max. Swing Dia. over Bed	mm	360
	Max. Swing Dia. Over Slide	mm	200
	Max. Through Dia. Of Bar	mm	48
	Max. Machining Length	mm	720
	Thread Range	Metric Inch	mm TPI
Spindle	Speed Range	Two Speed	r/min 960/1440
		Frequency Conversion	r/min 200-2000
	Spindle Bore	mm	60
	Taper of Spindle	°	40°
	Tube Bore	mm	50
	Chuck Dia.	mm	200
	Power of Spindle Motor	kw	5.5
Clamping Device	----	Standard: Manual 3-jaw Chuck Optional: Pneumatic Collet, Pneumatic Chuck or Hydraulic Collet, Hydraulic Chuck.	
X.Z Axes	Travel of X-axes	mm	200
	Travel of Zaxes	mm	700
	Feeding Speed of X-axes(Servo)	mm/min	6000
	Feeding Speed of Z-axes(Servo)	mm/min	8000
	Power of X-axes Motor(Servo)	kw	1
	Power of Z-axes Motor(Servo)	kw	1
	Torque of X-axes Motor(Servo)	N·m	4
	Torque of Z-axes Motor(Servo)	N·m	4
	Min. Setting Unit of X-axes	mm	0.001
	Min. Setting Unit of Z-axes	mm	0.001
Tool Post	Type of Tool Post	----	Standard: Gang Tool Carriage or 4 station Electric Tool Post Optional: 6-station Horizontal Electric Tool Turret
	No. of Tool	pc	4/6
	Size of Tool Shank	mm	20×20
Hydraulic System(Optional)	Nominal Pressure	Mpa	7
	Oil-box Volume	L	70
	Power of Hydraulic Pump Motor	kw	1.5
Tailstock	Dia. Of Tailstock Quill	mm	Φ60
	Travel of Tailstock Quill	mm	100
	Taper of Tailstock Quill	----	MT4#
Other	Power of Lubrication Oil Pump Motor	W	100
	Power of Coolant Pump Motor	W	90
	Overall Dimension	mm	1980(L)×1100(W)×1800(H)
	Net Weight	Kg	1800
	CNC System	Standard:	

	<p>Made-in-china(Mainland):</p> <p>GSK: GSK928TC/TE, GSK980TB/TD/TDa.</p> <p>Optional:</p> <p>Made-in-china(Taiwan):</p> <p>LNC: LNC T320i, LNC T510</p> <p>Made-in-japan:</p> <p>FANUC: FANUC 0i mate TC/TD</p> <p>MITSUBISHI</p> <p>Made-in-germany:</p> <p>SIEMENS: SIEMENS 801/802S</p>
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Standard Configuration:

- \* GSK CNC System
- \* GSK X.Z Axes Feeding Motor and Driver(Step or Servo)
- \* Two Speed or Frequency Conversion Spindle Motor
- \* Manual 3-jaw Chuck
- \* Gang Tool Holder or 4 station Tool Post
- \* Manual Tailstock
- \* Thread Function
- \* Hand Wheel
- \* Manual or Automatic Lubrication System
- \* Coolant Pump
- \* INVT Inverter or MITSUBISHI Inverter

Optional Configuration:

- \* CNC System required by Customers.  
(FANUC, SIEMENS, MITSUBISHI,LNC, GREAT etc.)
- \* Follow Rest
- \* Hydraulic Chuck
- \* Hydraulic Tailstock
  
- \*Pneumatic Collet
- \* Pneumatic Chuck
- \* Pneumatic Tailstock
- \* Full-enclosed Shield for Guide Way
- \* 6-station Electric Tool Turret

Standard Accessories:

- \* Adjusting Screw Bolt and Iron Pad(1 set)
- \* Tool Post Spanner(1 pc)
- \* Open-ended Spanner(2 pcs)
- \* Allen Wrench(3 pcs)
- \* Cross Head Screw Driver(1 pc)
- \* Flat Tip Screw Driver(1pc)
- \* Jaw(3 pcs)
- \* Flange(1 pc)
- \* Fuse Tube(3 pcs)