

CK560i-1500

Lathe with Siemens 808D(hydraulic chuck/tailstock)

No. 23A071305-2



(the photo only to be for reference)

Specifications:

Model	CK560i-1500
Capacity	
Swing over bed/saddle(carriage)	Φ560mm/Φ280mm
Max turning diameter	Φ500mm
Max turning length(with /without chuck)	1680/1480mm
Spindle bore diameter	Φ82mm

Bar capacity(manual chuck)	Φ80mm
Travel of X	280mm
Travel of Z	1680mm
Driver	
Servo motor X torque	8NM
Servo motor Z torque	8NM
Spindle	
Spindle main power	7.5KW
Spindle nose	A2-8
Spindle speed	200-1600 rpm
Chuck size	250mm
Speed	
Rapid traverse X	6m/min
Rapid traverse Z	5m/min
Feeding speed	1~6000mm/min
Turret	
Tool capacity	4 position
Tool indexing time	2.6sec/pos
Turning tool size	25 x 25mm
Max boring tool diameter	Φ32mm
ACCURACY	
Positioning accuracy X/Z	0.01/0.01mm
Reputability X/Z	0.005/0.005mm

Tailstock	
Dia. of tailstock sleeve	80mm
The max. travel of tailstock sleeve	150mm
The taper of tailstock sleeve	MT5
Others	
Machine dimension (LxWxH)	3280×1580×1780mm
Net weight	3150kg

Machine construction:

CK560i/1500 CNC lathe machine is designed for multiple speed and different kinds of turning needs. It is a lathe machine in high cost-effective and can replace the manual lathe machine. The lathe machine have follow product features:

The machine tool adopts flat bed, wide support hard rail layout, the base is a whole casting base. The cover can be full or half protection with double doors. Machine tools complete configuration, beautiful shape, good rigidity and accuracy, reliability, easy maintenance, safety.




The machine adopts super audio quenched guide rail, which has good rigidity, precision and precision retention. The bed body, bed seat, headstock, pallet and other large parts are all made of precision casting.





The machine tool adopts variable headstock structure with the spindle diameter of 82MM, which can meet the requirements of users for the turning of different workpiece conditions such as high speed and precision cutting of large bar material. For the requirements of high intensity cutting.


The machine tool is equipped with 4-station electric tool rest, and adjustable tool arrangement is also available, which is convenient to adjust the center height of the tip, and at the same time, it brings convenience to

the processing of tools with different specifications. Can also be equipped with different functions of the power head, so as to achieve the milling and drilling functions of the lathe.

Machine configuration:

<p>System</p>	<p>Siemens 808D</p>	 A close-up photograph of the Siemens 808D CNC control panel. It features a large monochrome screen displaying a software interface, a grid of function keys, and a prominent red emergency stop button. The SuperTech logo is overlaid in red on the image.
<p>Cabinet</p>	<p>Supertech Matched with Siemens</p>	 An interior view of the CNC control cabinet, showing a complex arrangement of electronic components, including a central processing unit, power supplies, and various modules connected by blue and black cables. The SuperTech logo is overlaid in red on the image.
<p>Frame</p>	<p>Supertech Integral bed</p>	 A photograph of the complete CNC machine in a factory environment. The machine has a green-painted integral bed and a grey control cabinet. It is surrounded by industrial equipment and metal shavings on the floor. The SuperTech logo is overlaid in red on the image.

<p>Hydraulic Chuck</p>	<p>Outside</p>	 <p>The image shows a hydraulic chuck mounted on a lathe. It features a central cylindrical body with a smaller diameter section at the front. A hydraulic hose is connected to the side. The chuck is mounted on a lathe bed, and the lathe's headstock and tailstock are visible in the background. The SuperTech logo is overlaid in red.</p>
<p>Hydraulic Chuck</p>	<p>Inside</p>	 <p>The image shows a hydraulic chuck mounted on a lathe, viewed from the inside. The internal clamping mechanism is visible, including the jaws and the central bore. The chuck is mounted on a lathe bed, and the lathe's headstock and tailstock are visible in the background. The SuperTech logo is overlaid in red.</p>
<p>Tailstock</p>	<p>Hydraulic</p>	 <p>The image shows a hydraulic tailstock mounted on a lathe. It features a long, rectangular body with a central bore. A hydraulic hose is connected to the side. The tailstock is mounted on a lathe bed, and the lathe's headstock and tailstock are visible in the background. The SuperTech logo is overlaid in red.</p>
<p>Turret</p>	<p>4-station</p>	 <p>The image shows a 4-station turret mounted on a lathe. It features a square body with four stations. A hydraulic hose is connected to the side. The turret is mounted on a lathe bed, and the lathe's headstock and tailstock are visible in the background. The SuperTech logo is overlaid in red.</p>

<p>Hydraulic tank</p>	<p>Supplier</p>	
<p>Hand wheel</p>	<p>GSK</p>	
<p>Lubrication</p>	<p>Automatic</p>	

Optional configuration:

<p>GSK system</p>		<p>Fanuc system</p>	
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Common manual chuck	 A close-up photograph of a white metal manual chuck with several mounting holes and a central bore. The SuperTech logo is visible in red on the side.	Common manual tailstock	 A photograph of a manual tailstock mounted on a lathe bed. It has a hand crank and a central hole for supporting a workpiece. The SuperTech logo is visible in red.
6-station turret	 A photograph of a 6-station turret lathe headstock. The turret is mounted on a sliding carriage and has six tool stations. The SuperTech logo is visible in red.	8-station turret	 A photograph of an 8-station turret lathe headstock. The turret is mounted on a sliding carriage and has eight tool stations. The SuperTech logo is visible in red.
8-station with coolant	 A photograph of an 8-station turret lathe headstock with a coolant system. The turret is mounted on a sliding carriage and has eight tool stations. The SuperTech logo is visible in red.	12-station turret	 A photograph of a 12-station turret lathe headstock. The turret is mounted on a sliding carriage and has twelve tool stations. The SuperTech logo is visible in red.
Hydraulic follow rest	 A photograph of a hydraulic follow rest mounted on a lathe bed. It is used to support long workpieces. The SuperTech logo is visible in red.	Drilling and milling head	 A photograph of a drilling and milling head mounted on a lathe bed. It is used for drilling and milling operations. The SuperTech logo is visible in red.
Siemens servo motor	 A photograph of a Siemens servo motor. It is a compact, cylindrical motor with a black housing and green cables. The SuperTech logo is visible in red.	Chipper conveyor	 A photograph of a chipper conveyor system. It is used for collecting and conveying chips from a lathe. The SuperTech logo is visible in red.