

Compact education CNC lathe

CK210-Siemens



Compact education CNC lathe, the most space-efficient CNC machine designed for educational settings. This compact, small education CNC lathe is the ideal introduction to CNC machining for students, capable of performing intricate turning and high-precision small part manufacturing. With an industry-standard SINUMERIK 808D control, allowing students to gain hands-on experience with the same technology used in professional settings. With the ability to cut light materials and turning metals, this machine bridges the gap between classroom learning and real-world manufacturing, preparing students for high-wage, high-demand careers in advanced manufacturing. Equip students with practical skills and experience using the same control systems found in the industry, prepare students for the workforce with hands-on experience in modern machining and manufacturing processes.

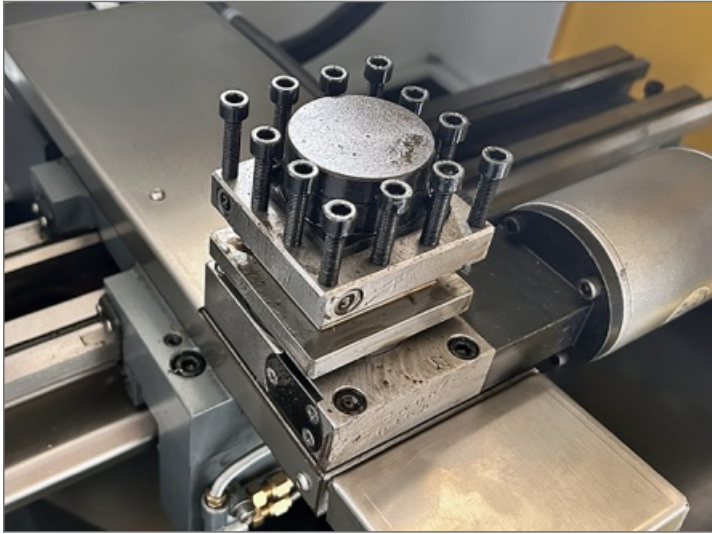


With SINUMERIK 808D Controller



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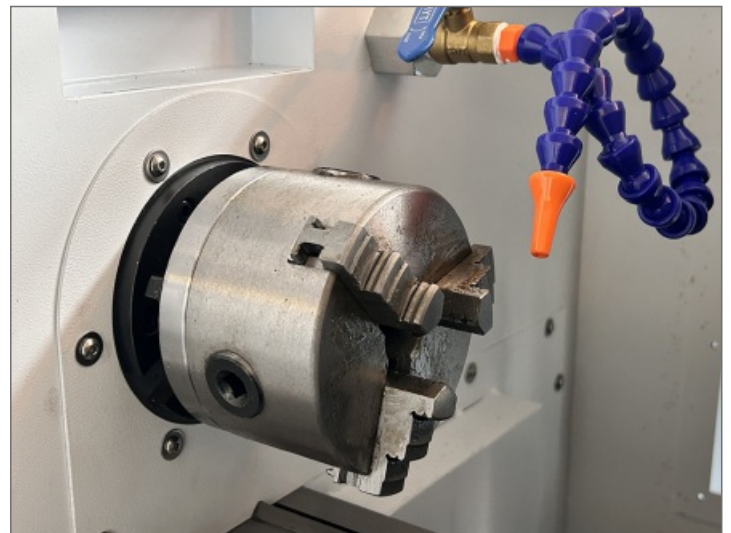
Automatic tool change



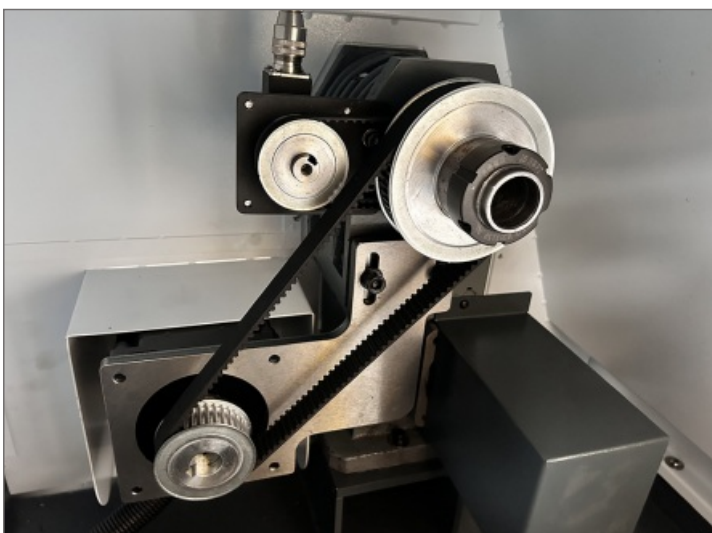
Lubrication system



SINUMERIK 808D Controller



Chuck with three jaws



Headstock and encoder

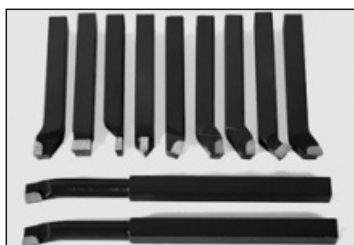


Flood Coolant

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Technical parameters		
Description	Standard	Optional
Positioning accuracy	0.02mm	
Repeatability accuracy	0.03mm	
Control system	SINUMERIK 808D	FANUC Series Oi-TF Plus
Automatic tool change system(ATC)	4 Tools	8 tools
Turning diameter over bed(max)	210mm	
Chuck diameter	100mm	
Spindle speed	300-1800r/min	
Spindle through-hole	26mm	
Spindle mount	MT4	
Spindle motor power	1100W	
Work-piece cooling	Water Cooled /29L	
X axis travel	90mm	
Z axis travel	300mm	
X/Z axis motor	400W Servo Motor	
The max moving speed	8000mm/min	
The max feeding speed	4000mm/min	
Full cast iron	Full cast iron	
MPG handwheel	4 axis	
Tool dimension	12*12mm	
Tailstock taper	MT2	
Tailstock sleeve diameter	20mm	
Travel of tailstock	25mm	
Power	380VAC (3 Phase)	
Weight(NW/GW)	280/320KG	
Overall dimension	1250*700*1300mm	
Packing size	1400*860*1500mm	

Optional Accessories

 Cutter set
(tips replacement)12×12mm


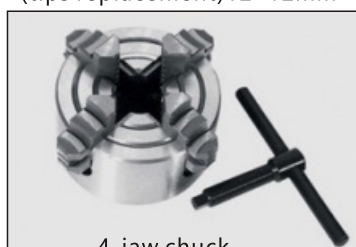
Cutter 11 pieces set



Rolling center



Tailstock chuck


 4-jaw chuck
(independent)with flange

 ER40 collet chuck with flange
Clamping range dia:2-30mm