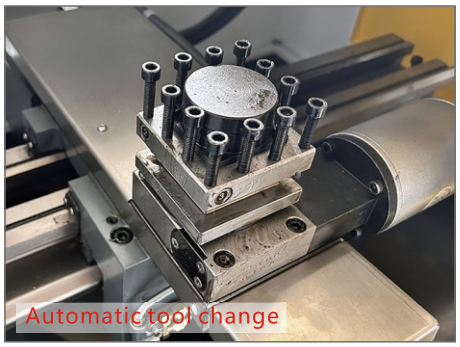
Small CNC Lathe (Product No: CK210)

CE APPROVED

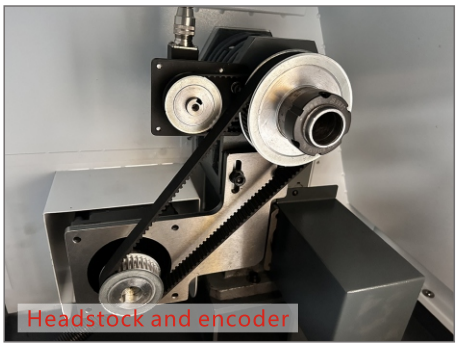
The CK210 is a desktop CNC lathe equipped with the KY980Tc turning control system. It features a multi-language interface and supports programming with international standard G-codes and M-codes. Offline programming via CAD/CAM software is also available, including MasterCAM, UG and Fusion 360.

Standard configurations include an MPG handwheel and a 4-position automatic turret. The machine is built with premium cast iron for solid rigidity and fitted with high-precision guideways and ball screws. It also comes with a semi-automatic lubrication system, a flood coolant system and interlocking safety guards.

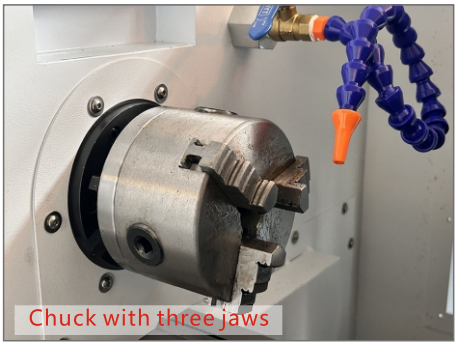
This unit runs on a single-phase 110V or 220V power supply. It is fitted with a 1.2 kw servo spindle motor, and both X and Z axes are driven by AC servo motors.Designed for machining aluminum alloy, brass and steel, this compact CNC lathe is perfectly suited for STEAM education, school CNC training and small machining workshops.


Automatic tool change

Llubrication system


Headstock and encoder

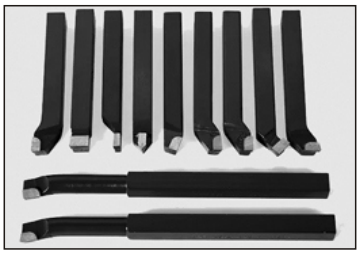
MPG hand wheel and controller


Chuck with three jaws

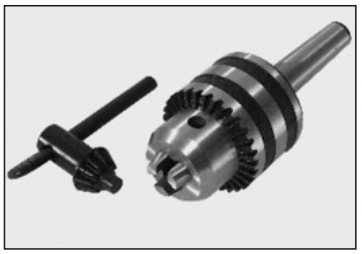
Flood Coolant

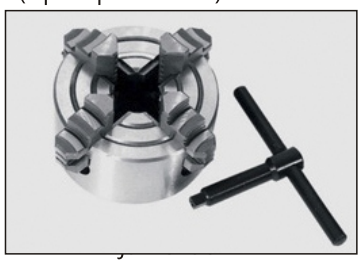
Optional Accessories

Cutter set
(tips replacement)12×12mm


Cutter 11 pieces set

Rolling center


Tailstock chuck


(independent)with flange

Clamping range dia:2-30mm

As Standard With

Technical Parameters

1	Repeatability accuracy	0.02mm
2	Positioning accuracy	0.03mm
3	Turning diameter over bed(max)	210mm
4	Chuck diameter	100mm
5	Spindle speed	100-1800r/min(control speed of G code)
6	Spindle through-hole	26mm
7	Spindle mount	MT4
8	Spindle motor power	1200W
9	X axis travel	100mm
10	Z axis travel	300mm
11	X/Z axis motor	400W Servo Motor
12	The max moving speed	8000mm/min
13	The max feeding speed	4000mm/min
14	Control system	KY 980Tc Turning CNC System,Optional siemens 808D
15	Automatic tool change system(ATC)	4 Tools (option 8 tools)
16	Tool dimension	12*12mm
17	Tailstock taper	MT2
18	Tailstock sleeve diameter	26mm
19	Power	220VAC / 110VAC
20	Weight(NW/GW)	220/250KG
21	Overall dimension	1170*750*800mm
22	Packing size	1200*860*1000mm