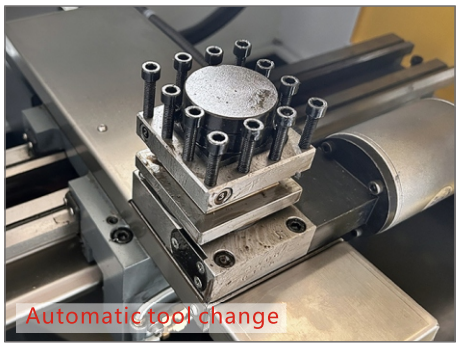
Small CNC Lathe (Product No: CK210B)

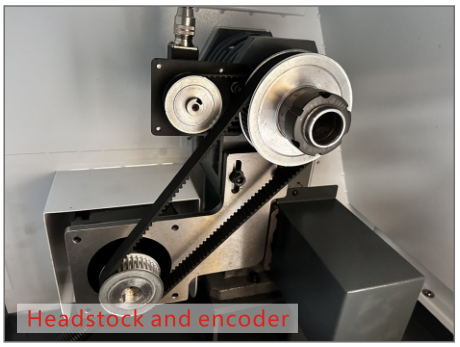
The CK210B is a small CNC lathe equipped with the KY980Tc turning CNC system, which supports multi-language interface display. It comes standard with an MPG handwheel and a 4-position automatic tool post (8-tool option available).

Compact in structure, the machine is constructed from high-quality castings and fitted with high-strength guideways and ball screws. It also features an automatic lubrication system, a flood coolant system and an interlocking safety guard. The XZ axes are driven by servo motors.

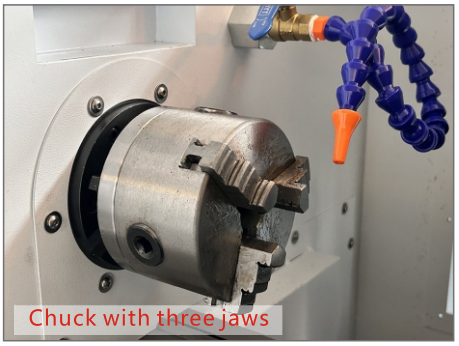
It is ideal for machining steel, iron, copper, aluminum alloys, PVC plastic, acrylic, etc. Compatible CAM software includes MasterCAM, UG, Fusion360 and SolidWorks.This lathe is suitable for CNC education and training in schools, as well as small job shops.


Automatic tool change

Llubrication system


Headstock and encoder

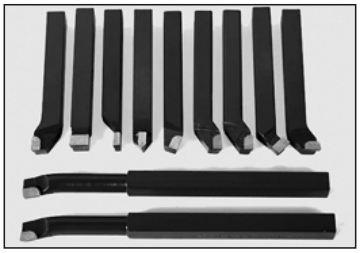
MPG hand wheel and controller


Chuck with three jaws

Flood Coolant

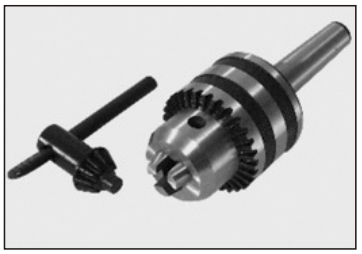
Optional Accessories

Cutter set
(tips replacement)12×12mm

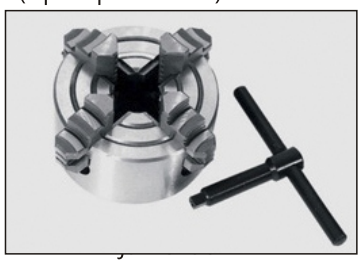


Cutter 11 pieces set

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)	280/320KG
21	Overall dimension	170*700*1300mm
22	Packing size	1200*860*1500mm