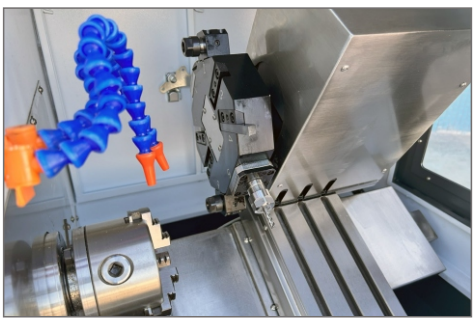
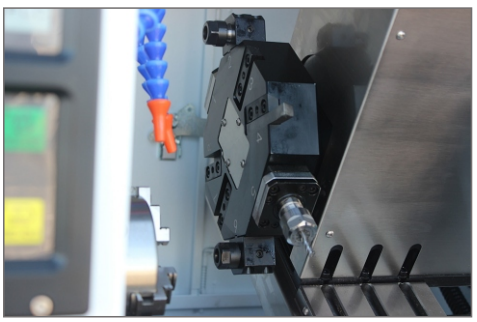
Turning-Milling Compound Machine (Product No: CX200)

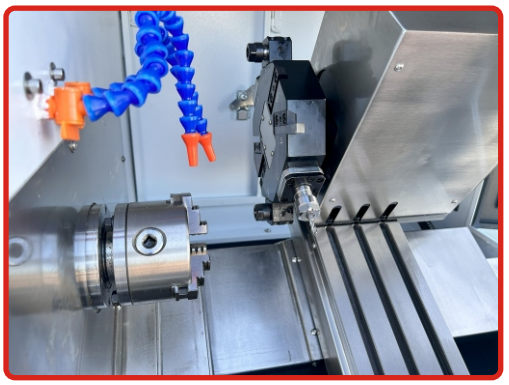
CX200 is a small turn-mill compound machine tool. With a dual-power spindle structure (milling spindle and turning spindle) and a 9-station automatic tool changer (9-tool ATC: 4 turning tool stations, 2 milling tool stations, 2 center-drilling stations, 1 end mill station, 1 center drill station and 1 boring station), it integrates multiple functions including turning, milling, drilling and tapping, enabling multi-process machining in a single setup.

It boasts compact dimensions, quiet operation, light weight and easy handling (fitted with movable casters at the machine base). It delivers stable performance, low failure rates, low maintenance costs and excellent rigidity.

The machine adopts an industrial panel CNC system. The XYZ three axes are driven by servo motors. It supports single-phase 220V or 110V AC power supply and features an interlocking protection device. Built with a cast iron inclined bed structure, it is fitted with high-precision linear guides and ball screws, as well as a workpiece coolant circulation system.







Technical Parameters

Repeatability accuracy	0.01mm
Positioning accuracy	0.015mm
Turning diameter over bed(max)	300mm
Spindle through-hole	25mm
XYZ axis travel	150/80/180mm
XYZ axis motor	XY axis 400W servo motor;Z axis 600W servo motor
XYZ max moving speed	5000mm/min
XYZ max feeding speed	4000mm/min
Automatic tool change system(ATC)	9-station (4 turning tool stations, 2 milling tool stations, 1 end mill station, 1 center drilling station, 1 boring station)
Machine bed inclination	25° Slant bed
Clamping method	100mm Three-jaw chuck or ER40 collet chuck with flange
guide rail	15mm High-precision linear guide
Transmission	16mm Ball screws (Grade accuracy: C5)
Lathe tool dimension	10×10mm
Mill spindle taper	ER16
Tool DIA. Range(max)	10mm
Rigid tapping(max)	M6
Lathe spindle power/speed	1kw /1650rpm
Y-axis power turret power/speed	0.75kw/3000rpm
Control system	YORNEW 980Tc turning CNC system
Power	220VAC/110VAC
Overall dimension	1120×750×1550mm
Weight(NW/GW)	300/360kg