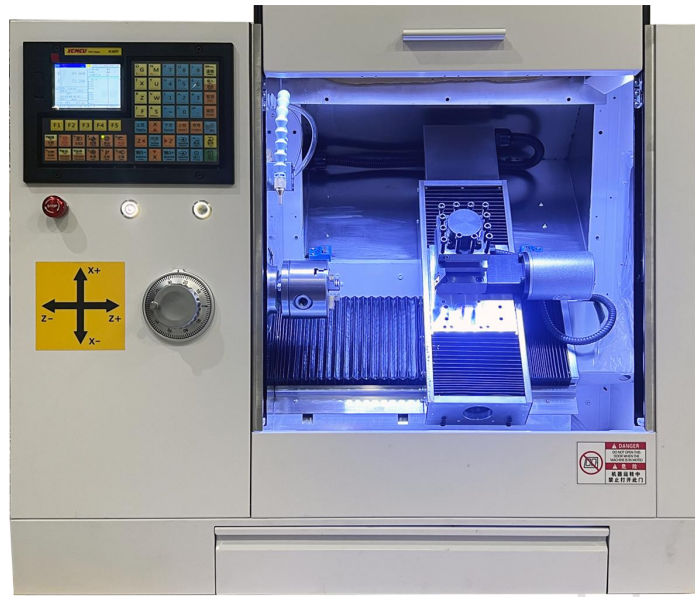


## Desktop Lathe One Intro



\$3199

### 1. Overview

Desktop Lathe Pro is a desktop CNC lathe with compact dimensions and powerful turning capability. The spindle adopts 750w high power, the drive uses 100w servo motor, the machining accuracy is as high as 0.02mm. offline CNC system, panel operation, simple and efficient. Can process a variety of conventional materials, such as aluminum alloy, copper alloy, iron and other metals, plastic, wood, stPro, wax and other non-metallic materials. Ideal for small businesses, individual fabricators, educational institutions and laboratories.

### 2. Features

- 2.1. High performance spindle: 750w high power, 2800 rpm high speed.
- 2.2. High-precision accessories: servo motor + ball screws + Hiwin linear guides
- 2.3 Sheet metal chassis: dustproof and noise reduction, waterproof treatment of key components.
- 2.4. Simple operation: CNC operation panel, electronic handwheel.
- 2.5. Low-cost manufacturing, very suitable for aluminum alloy, iron material processing
- 2.6. Professional technical services: CAM programming simulation guidance, on-machine training, customized fixtures, customized accessories upgrade, etc.

### 3. Specs

Physical Dimensions		Bed	
Equipment Size	W790×D600×H660mm	Workbench Width	130 mm
Packaging Size	W850×D650×H700mm	Workbench Length	140 mm
Weight (Net/Gross)	100/110kg	X-axis Travel	130 mm
Machining Accuracy	0.02mm	Z-axis Travel	150mm
Repeat Positioning Accuracy	0.01mm	Max Workpiece Length	200 mm
Machine Range	Φ80×150mm	Max Cutting Length	150 mm
Speed		Frame	6061-T6
Spindle Max Speed	2800 rpm	Enclosure	Stainless steel & Galvanized sheet
Max Move Speed	3000 mm/min	Power	
Max Feed Speed	3000 mm/min	Spindle Power	750 w, Upgradeable to 1200 w
Tool		XZ Motor	Servo Motor 100 w
Tool Diameter	12×12mm	Voltage	100-240VAC, 50/60Hz
Chuck Through Hole	Φ15mm	Total Power	1500 w, 220V
Tool Position	Quick-change tool holder, 4 positions	Controller	XC609T CNC Lathe System
		Connection	USB

### 4. NC System

1. GM code programming
2. PLC programming
3. 0.001mm interpolation accuracy
4. Reverse gap compensation, tool compensation
5. S-type, exponential acceleration and deceleration control to adapt to high-speed, high precision machining
6. Support handwheel
7. Support thread cutting, electric tool holder
8. Abundant external push-button input interface to facilitate the user's debugging.

## 5. Standard & Optional

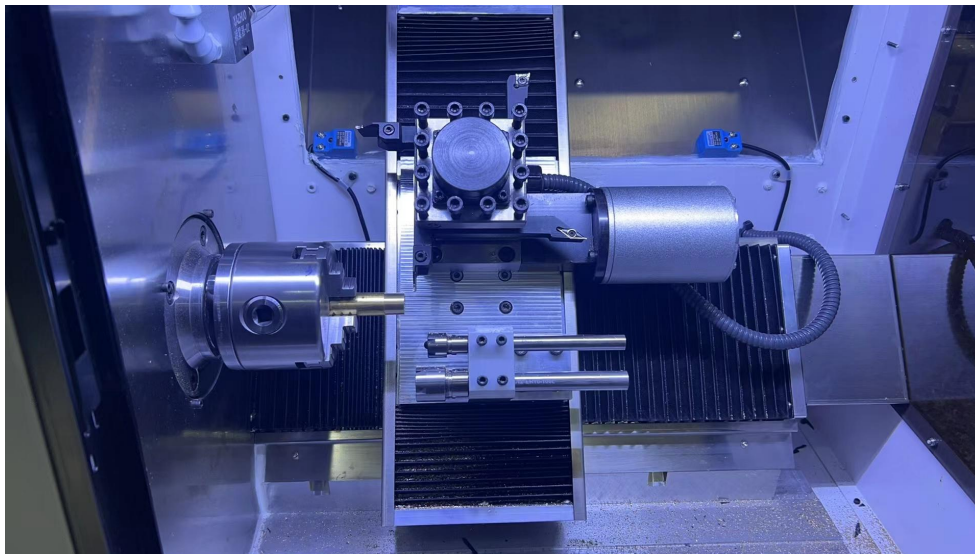
### 5.1. Standard List

No.	Mane	Description	Quantity
1	Equipment	Desktop Lathe Pro	1 PCS
2	Turning Tool 12×12mm	93° external turning tool Pointed tool 95° external turning tool Cut-off slotting tool	4 PCS
3	Power Cord	Main power Supply	1 PCS
4	MPG	Operation axis movement	1 PC S
5	Wrenches Chuck	Wrenches, Tool Holder Wrenches	1 PCS

### 5.2. Options

No.	Mane	Description	Price	Quantity
1	1200W Spindle	Turning steel	\$79	1 PCS
2	Pneumatic chuck	Maximum clamping 15mm	\$519	1 PCS
3	Pneumatic door	/	\$220	1 PCS

## 6. Show



## 7. Warranty

7.3. Warranty period is 1 year, after the warranty can provide cost replacement parts

7.4. In case of natural damage during the warranty period, free parts and remote guidance will be provided.

7.5. Incorrect operation, unauthorized disassembly of the product, man-made vandalism are not warranted.