

# CPV-1100DT Series

Campro Precision Machinery Co., Ltd.

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Co., Ltd.

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CE ISO 9001

TD09005D



Campro

www.shanghaizopo.com



# Company Profile



Established in 2003, Campro has been actively engaged in the CNC equipment industry for over two decades. As a national high-tech enterprise, the company consistently prioritizes technological innovation as its core driver, focusing on building an integrated high-end equipment ecosystem that combines independent R&D, intelligent manufacturing, and service solutions. Its products and services mainly focus on high-end industries such as new energy vehicles \ aerospace \ semiconductors and ships, which effectively promote customers to achieve industrial upgrading and efficiency improvement.

Looking ahead, the company will uphold its core values of "integrity-driven innovation and excellence through dedication" actively aligning with national strategies for high-end equipment development. By leveraging its exceptional product performance and service capabilities, Campro aims to propel the domestic manufacturing industry toward high-quality and intelligent advancement, striving to establish itself as a benchmark enterprise in the CNC equipment sector.



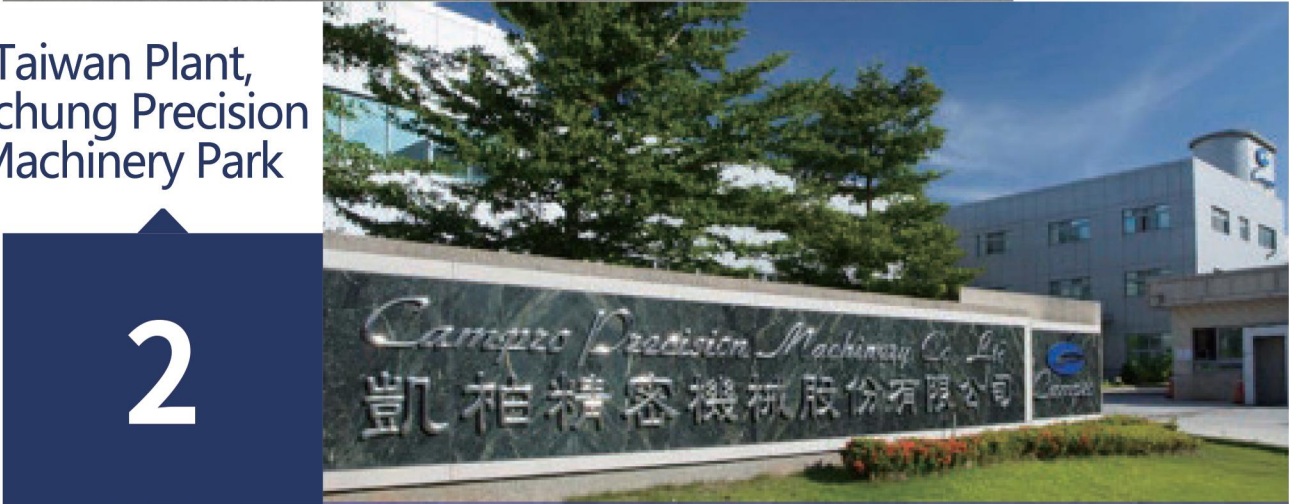
>> Cross Strait research and development, production, and global synchronized sales



1

Campro Precision Machinery (Jiaxing) Co., Ltd.

Taiwan Plant, Taichung Precision Machinery Park



2



3

Pennsylvania Bethlehem



1100DT

CPV-1100DT Series

Two linear guides & One box ways  
(Industrial Model) Vertical Machining Center



• Reliable performance from high-speed, high-rigidity design

Retains the characteristics of the Campro solid structure. It has excellent performance, a large number of tools, and is suitable for complex process requirements.

Prepared for the user's high-efficiency processing and automated layout.

• High-rigidity body designed with FEM analysis technology

Using FEM finite element analysis technology, the machine structure is adjusted and optimized to achieve high rigidity.

It realizes high adaptability and efficiency from heavy cutting to high-speed cutting.

Parameter List

Content	unit	CPV-1100DT
Travel		
X-axis travel	mm	1100
Y-axis travel	mm	560
z-axis travel	mm	810
Distance from spindle nose to table	mm	90-900
Distance from spindle center to column rail surface	mm	630
Table		
Table area	mm	1200x550
Maximum table load	kg	700
Table T-slot	mm	18x5x100
Spindle		
Maximum spindle speed	rpm	10000
Spindle taper		NO.40
Spindle bearing inner diameter	mm	Ø 70
Motor		
Spindle motor power	kW	11/15
Feed motor power	kW	X、Y、Z:3.0
ATC device		
Tool holder type	type	BT40
Tool storage capacity	pcs.	24×2( 雙刀庫 )
The maximum diameter of the tool < is less than the specified knife >	mm	Ø 80
Maximum diameter of the tool < No corresponding Tando >	mm	Ø 150
Maximum tool length	mm	250
Maximum tool weight	kg	7
Tool selection method		隨機儲存方式
Tool change time < tool to tool >	sec.	2.5
Tool change time < point to point >	sec.	5.0
Feed		
Fast feeding <x/y/z>	m/min.	36/36/24
Screw diameter <x/y/z>	mm	Ø 40/ Ø 40/ Ø 40
Rail specification<x/y/z>		#35/#45/ 硬軌
Cutting feed	mm/min.	10,000
Machine dimensions		
Machine height	mm	3350
Area < Width × Depth >	mm	3550×2900
Machine weigh	kg	7800

- Maximum spindle speed: The maximum speed is sometimes limited by the fixtures and tools used.
- Spindle bearing inner diameter: Data is based on the maximum spindle speed of 10,000[12,000]rpm models.
- When the double-contact specification is selected, double-contact tools cannot be used with other types of tools.
- Machine dimensions: Actual values may vary from the catalog due to differences in optional configurations and peripheral equipment.



## Production Technical Capabilities

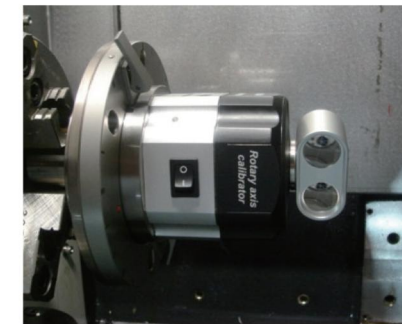


## Quality Control Center



Industry-leading machine tools ensure machining precision

Not available

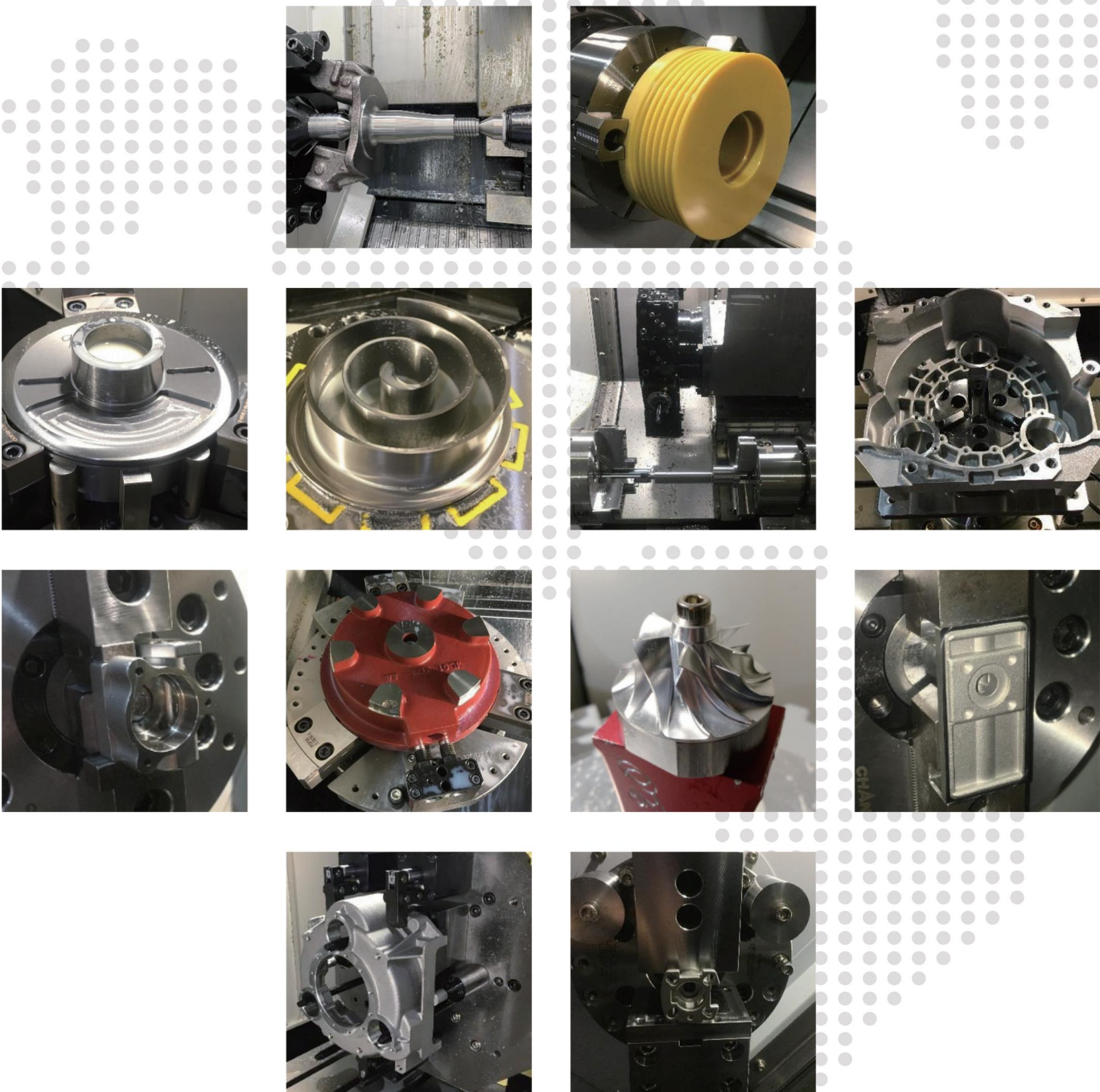


Precision measurement equipment and meticulous inspection processes ensure product quality



# Automated Lines and Turnkey Cases

Application Delivery Capability - Turnkey Experience

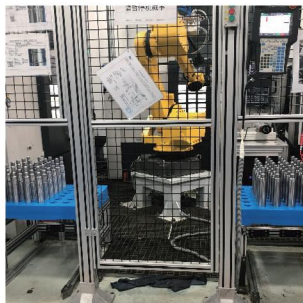
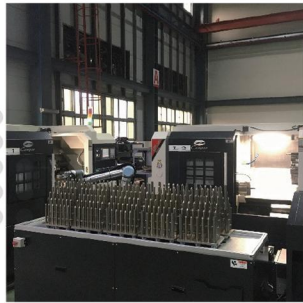
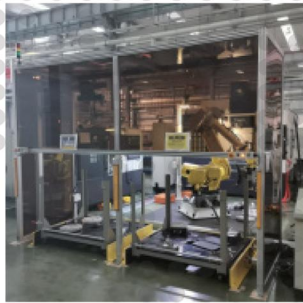


# Application Delivery Capability - Turnkey Experience





Application Delivery Capability - Automated  
Line Delivery Experience





# After-Sales Service

The company uses its Jiaxing factory as the inland service headquarters, with an after-sales team totaling approximately 30 people. Offices are established in North China (Beijing), Central China (Wuhan), South China (Guangzhou), Southwest China (Chongqing), Northwest China (Xi' an), and East China (Qingdao). These offices stock nearly 100,000 yuan worth of routine machine parts, fully ensuring the timeliness and effectiveness of after-sales services.

After-Sales Team  
About 30 people

Regular spare parts for the office,  
nearly 100000 yuan

Our after-sales commitment: A 12-month warranty for the entire machine and an 18-month warranty for the system, calculated from the acceptance date of Kaibo Precision Machinery equipment purchase. Any malfunctions caused by machine quality

Even after the warranty expires, the company charges only for the cost of replacement parts. Service personnel will conduct regular user follow-ups (quarterly) to maintain the equipment. If cumulative downtime due to malfunctions during the warranty period reaches five days, the warranty period will be extended by the accumulated downtime.

