

CPL-MC Series

Campro Precision Machinery Co., Ltd.

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Taichung City 40852



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CE ISO 9001



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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.



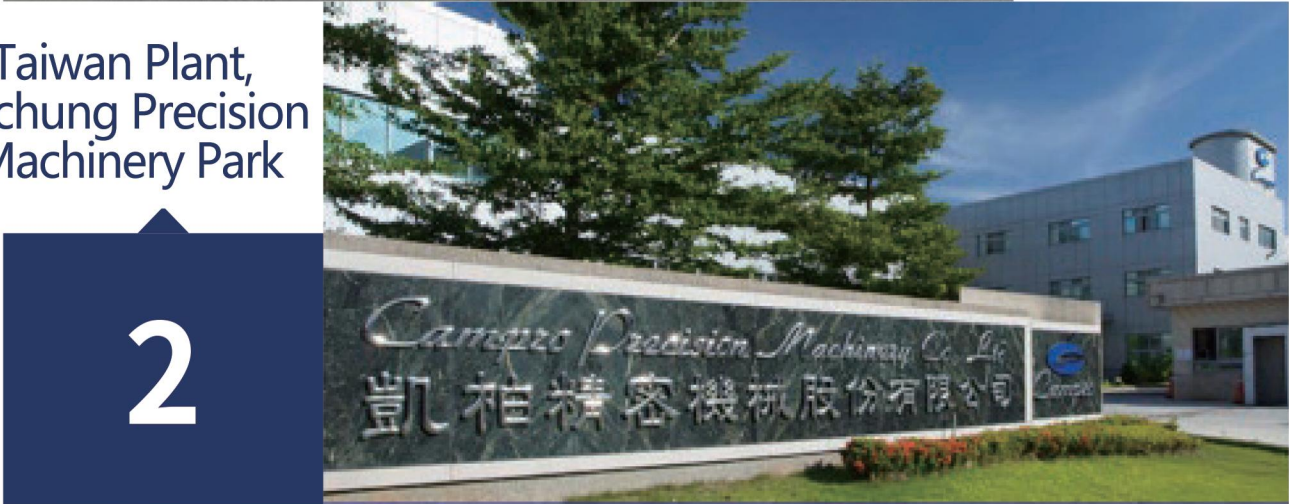
>> Cross Strait research and development, production, and global synchronized sales



1

Campro Precision Machinery (Jiaxing) Co., Ltd.

Taiwan Plant, Taichung Precision Machinery Park



2



3

Pennsylvania Bethlehem

Parameter List

Content	unit	CPL-10MC	CPL-20MC	CPL-30MC	CPL-3512MC	CPL-3518MC	CPL-3520MC
Processing Range							
Maximum Swing Over Bed	mm	450	540	570	700	900	900
Maximum Swing Over Saddle	mm	258	300	367	500	700	700
Maximum Turning Length	mm	260	420	600	955(1450)	2050 (1400/3000)	2000 (1350/2950)
Maximum Turning Diameter	mm	220	320	270	300	590	590
X-Axis Travel							
Travel	mm	135+35	170+40	145+65	208+55	355+30	355+30
Rapid Traverse	m / min.	24	24	24	24	20	20
Z-Axis Travel							
Travel (Optional)	mm	320	500	700	1060 (1500)	2150 (1500/3100)	2100 (1450/3050)
Rapid Traverse	m / min.	24	24	24	24(20)	15 (20/ 15)	15 (20/ 15)
Spindle							
Spindle Nose	type	A2-5	A2-6	A2-8	A2-11	A2-11	A2-15
Hydraulic Chuck (Optional)	inch	6"(8")	8"(10")	10"(12")	12"(15")	18"(20")	20"(24")
Spindle Draw Bar Through Hole Diameter	mm	Ø 45	Ø 52	Ø 75	Ø 117.5	Ø 117.5	Ø 165
Spindle Bearing Diameter	mm	Ø 90	Ø 100	Ø 130	Ø 170	Ø 170	Ø 240
Spindle Speed	rpm	6000	4200	3000	2000	2000	1000
Spindle Motor	kW (HP)	11/15 (20HP)	11/15 (20HP)	15/18.5 (25HP)	15/18.5 (25HP)	22/26 (35HP)	22/26 (35HP)
C-Axis Indexing Accuracy	deg.	0.001	0.001	0.001	0.001	0.001	0.001
Dota							
Turret Type / Number of Tools	type	Servo-Powered Turret / 12-Station	Servo-Powered Turret / 12-Station	Servo-Powered Turret / 12-Station	Servo-Powered Turret / 12-Station	Servo-Powered Turret / 12-Station	Servo-Powered Turret / 12-Station
Tooling System	type	BMT-45	BMT-55	BMT-55	BMT-65	BMT-75	BMT-75
Tool Change Speed	sec.	0.2	0.2	0.2	0.2	0.2	0.2
Turret Motor	kW	4.5	4.5	4.5	4.5	5.5/7.5	5.5/7.5
Maximum Speed	rpm	5000	5000	5000	5000	4000	4000
Tailstock							
Tailstock Spindle Diameter	mm	Ø 70	Ø 80	Ø 80	Ø 100	Ø 145	Ø 145
Spindle Travel	mm	80	120	120	120	150	150
Morse Taper	type	MT-#4	MT-#4	MT-#4	MT-#5	MT-#6	MT-#6
Others							
Footprint (Including Chip Conveyor)	mm	2962x1625	3455x1785	3875x1785	4545(5210) x2160	6313(5663/ 7313)x2250	6433(5783/ 7733)x2250
Machine Height	mm	2115	2235	2235	2536	2735	2735
Machine Weight	kg	3200	4500	5500	6500 (7300)	13000 (11500/16000)	13000 (11600/16000)
Coolant Tank Capacity	L	110	110	110	250	450	450
Power Requirement KVA		20	30	30	30	40	40

Maximum spindle speed: The maximum speed is sometimes limited by the fixtures and tools used.

The actual values of power supply, air pressure source, machine weight, and dimensions may vary from the above figures depending on optional configurations and peripheral equipment.

10MC/20MC/30MC/3512MC/3518MC/3520MC

CPL-MC Series

CNC turning-milling compound machine



Equipped with C-axis functionality, it not only enhances machining versatility but also improves production efficiency.

Standard configuration includes a powered tool turret, where each tool position operates independently; through the powered tool holder's rotation, complex milling, tapping, boring, and other machining operations are completed.

Standard/Optional Features List

Model	CPL-10MC	CPL-20MC	CPL-30MC	CPL-3512MC	CPL-3518MC	CPL-3520MC
Three-jaw hydraulic chuck	●	●	●	●	●	●
Hard jaws	X1 Set	X1 Set	X1 Set	X1 Set	X1 Set	X1 Set
Soft jaws	X3 Set	X3 Set	X3 Set	X3 Set	X3 Set	X3 Set
Hydraulic unit	●	●	●	●	●	●
Manual hydraulic tailstock	●	●	●	×	×	×
Hydraulic locking tailstock	○	○	○	●	●	●
Programmable tailstock	○	○	○	●	●	●
Chip conveyor with chip cart	●	●	●	●	●	●
Rear-mounted chip conveyor	○	○	○	×	×	×
Special material chip conveyor	○	○	○	○	○	○
Chip flushing system	●	●	●	●	●	●
Coolant tank and pump	●	●	●	●	●	●
Screw pre-tension	●	●	●	●	●	●
Handwheel (MPG)	●	●	●	●	●	●
Electrical cabinet air conditioner	●	●	●	●	●	●
Oil-water separator	●	●	●	●	●	●
Three-color signal light	●	●	●	●	●	●
Work light	●	●	●	●	●	●
Oxygen lance cover unit	●	●	●	●	●	●
Transformer	●	●	●	●	●	●
Automation interface	○	○	○	○	○	○
Oxygen blowing above chuck	○	○	○	○	○	○
Water gun unit	○	○	○	○	○	○
Tool breakage detection	○	○	○	○	○	○
Coolant temperature control unit	○	○	○	○	○	○
Hydraulic steady rest	○	○	○	○	○	○
Spindle sleeve chuck	○	○	○	○	○	○
Oil mist collector	○	○	○	○	○	○
Tool length measurement	○	○	○	○	○	○
Workpiece measurement	○	○	○	○	○	○
Workpiece collector	○	○	○	○	○	○
Automatic feeder	○	○	○	○	○	○
Automatic door	○	○	○	○	○	○
Automatic power-off	○	○	○	○	○	○
Axial power tool holder	X1 set	X1 set	X1 set	X1 set	X1 set	X1 set
Radial power tool holder	X1 set	X1 set	X1 set	X1 set	X1 set	X1 set
Voltage stabilizer	○	○	○	○	○	○

Based on the principle of continuous innovation and research alliance, our company reserves the right to change specifications without prior notice.

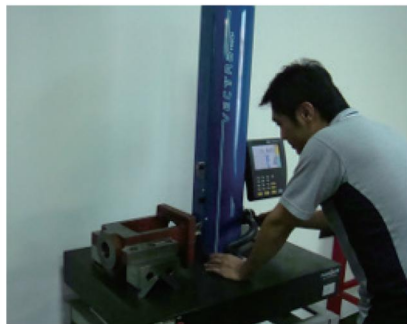
● Standard ○ Optional × Not available

Production Technical Capabilities



Industry-leading machine tools ensure machining precision

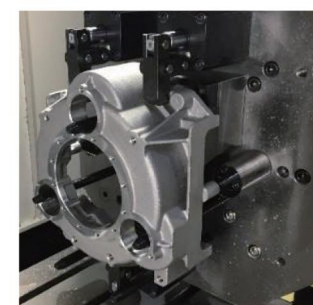
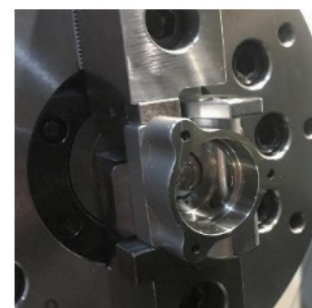
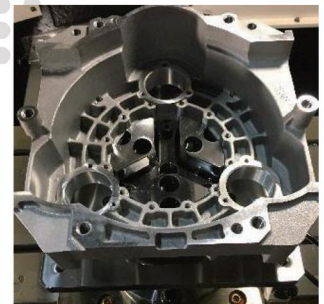
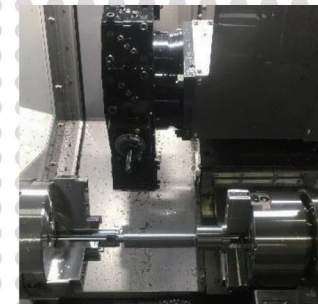
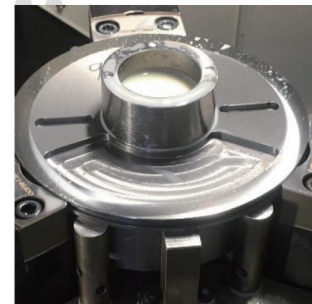
Quality Control Center



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.

