

PRATIC®

CNC MACHINING CENTER PROFESSIONAL CNC SOLUTION



PRATIC®

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PRATIC reserve the right to modify and improve the appearance, dimensions and specifications of all models without notice. YZ20-08



Company Introduction

PRATIC CNC Science & Technology Co. Ltd., is one of China's national-level high-tech enterprises with integrated R&D, manufacturing, sales, and service in the field of intelligence and automation processing equipments.

Our main products are CNC Machining Centers which include CNC Gantry Machining Center (GMC), Vertical Machining Center (VMC) and other models of developed which are used in the aerospace, rail transport, new energy vehicles, smart homes and miscellaneous manufacturing.

PRATIC challenges technical difficulties constantly, breaking specific industrial demands and limitations, using the most advanced technologies and processes. We have close cooperation with hi-tech companies from Germany, Japan, South Korea and Singapore.

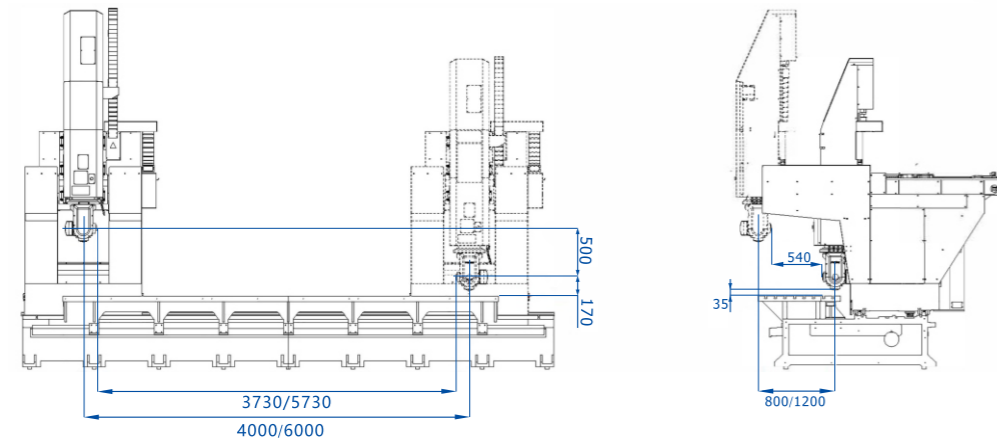
PRATIC has developed and trained a strong technical team in order to meet market demands and continuously provide up-to-date training that can help to meet the needs of our customer manufacturing issues.

PRATIC is not only a "Solution Company" but also can provide a "Turn Key" process with any if its model of equipment.

Our products have been exported to USA, Europe, Russia, Germany, Turkey, the Middle East, India, South Korea, Japan, Australia, Malaysia, Indonesia, Vietnam, Thailand and dozens of other countries.



PCD5D SERIES 5-AXIS CNC Machining Center



Standard Models :
PCD5D-CNC4008
PCD5D-CNC4012

PCD5D-CNC6008
PCD5D-CNC6012
Can be done to meet our customer requirements.

Product Description

- The PCD5D model CNC machining center has capability functions of milling, drilling and tapping;
- PRATIC uses International 5 axis CNC controller system for this model;
- Machining for various length of metal profile, such as aluminum, steel, copper, etc.
- With a high precision 5 axis head;
- High performance A/C axis with multi-angle, multi-azimuth, multi-angle processing, to meet different processing needs;
- The auto chip conveyor is a standard configuration which makes it easier for chip cleaning
- The PCD5D model is widely used in processing multi-angle and special-shaped metal parts in automotive vehicles, machinery manufacturing and other metal machining needs

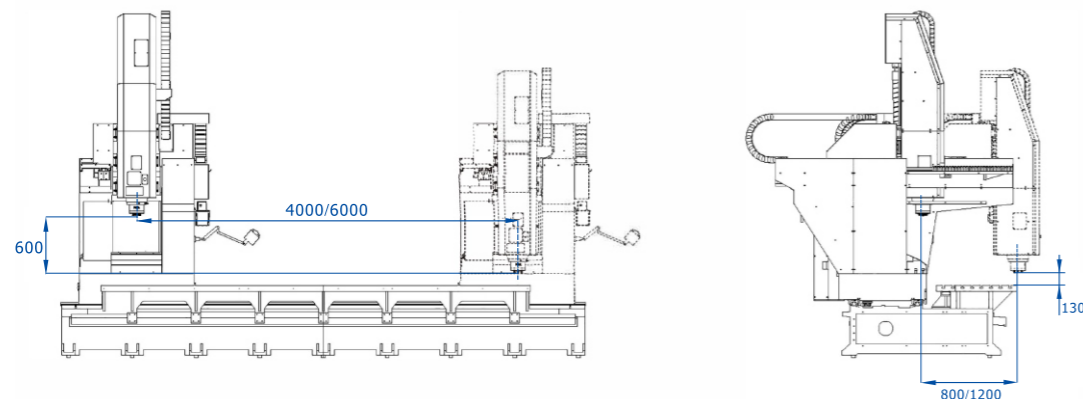
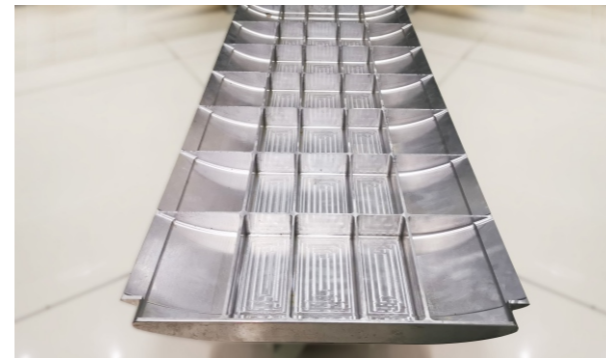
Machine Parameter (Siemens System)

TRAVELS	
X-Axis	4000-6000 mm (Can be customize to customer requirement)
Y-Axis	800/1200 mm
Z-Axis	500 mm
A-Axis	±120°
C-Axis	±245°
SPINDLE	
Maximum speed	24000 rpm
Taper	HSK F63
TOOL MAGAZINE	
Type	Umbrella type
Capacity	16 or 20 pcs
Automatic tool change time	6 sec
AXIS FEED RATES	
Rapid on X	40 m/min
Rapid on Y	30 m/min
Rapid on Z	20 m/min
X/Y/Z cutting feed rate	15000 mm/min
MOTOR POWER	
Spindle driven motor	10/15 kw
X axis Driven Motor	double 5.2 kw
Y axis Driven Motor	3.1 kw
Z axis Driven Motor	3.1 kw
LUBRICATING AND COOLING SYSTEM	
Lubrication system	Automatic lubrication system
Coolant System	Water cooling
ACCURACY	
X-Axis positioning accuracy	0.05 mm
Y-Axis positioning accuracy	0.02 mm
Z-Axis positioning accuracy	0.02 mm
X-Axis repeat positioning accuracy	±0.01/500 mm
Y/Z-Axis repeat positioning accuracy	±0.01/300 mm
MECHANICAL SPECIFICATION	
Required pneumatic pressure	6 kg/cm ²
Operating system	SIEMENS
Machine height	3500 mm
Machine covered area	9500-11500 x 3150/3700 mm
Machine weight	18000-24000kg

※ The above parameters are for reference only, subject to Technical Agreement.

※ Standard machine processing range reference. The details are shall be subjected to the Technical Agreement.

PCD SERIES LONG TRAVEL MOVING COLUMN CNC Machining Center



※ Standard machine processing range reference. The details are shall be subjected to the Technical Agreement.

Standard Models :
 PCD-CNC4008
 PCD-CNC4012
 PCD-CNC6008
 PCD-CNC6012

PCD-CNC4008B
 PCD-CNC4012B
 PCD-CNC6008B
 PCD-CNC6012B

Can be done to meet our customer requirements.

Product Description

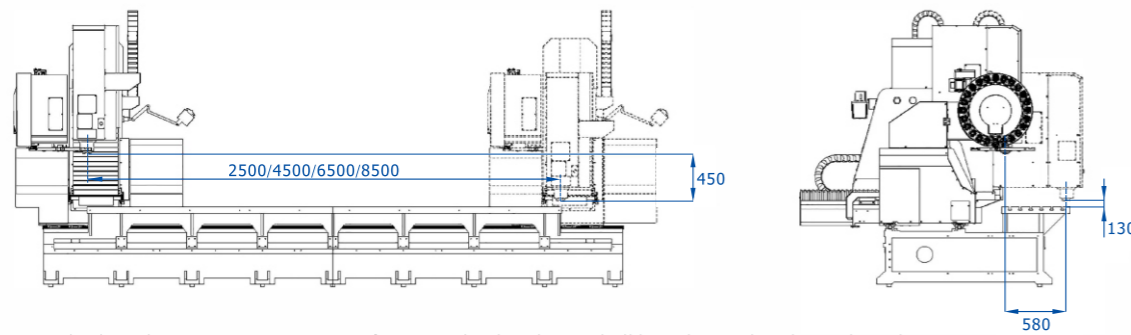
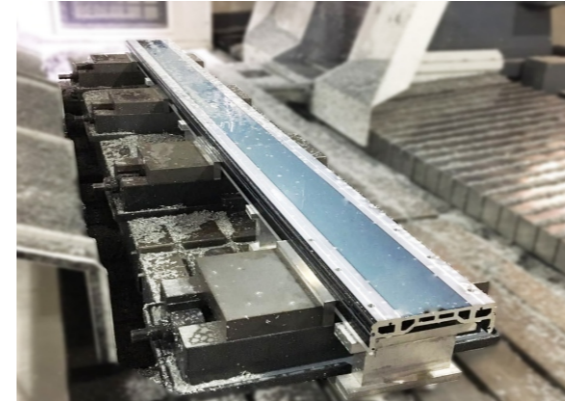
- The PCD model CNC machining center has capability functions of milling, drilling and tapping;
- PRATIC uses International CNC controller system for this model;
- Machining for various length of metal profile, such as aluminum, steel, copper, etc;
- Adopted the double cantilever design structure, increase the equipment stability and improve machining accuracy;
- Has a large bevel plate metal organ cover for protection;
- The auto chip conveyor is a standard configuration which makes it easier for chip cleaning;
- This PCD model is widely used in the industries of electronic appliance, aerospace, railways, machinery parts, etc.

Machine Parameter (Fanuc System)

TRAVELS	BT40	BT50
X-Axis	4000-6000 mm	4000-6000 mm (Can be customize to customer requirement)
Y-Axis	800/1200 mm	800/1200 mm
Z-Axis	600 mm	600 mm
SPINDLE		
Maximum speed	10000 rpm	8000 rpm
Taper	BT40	BT50
TOOL MAGAZINE		
Type	Umbrella type	Umbrella type
Capacity	12 pcs	6 pcs
Automatic tool change time	6 sec	6 sec
AXIS FEED RATES		
Rapid on X	40 m/min	40 m/min
Rapid on Y	30 m/min	30 m/min
Rapid on Z	20 m/min	20 m/min
X/Y/Z cutting feed rate	15000 mm/min	15000 mm/min
MOTOR POWER		
Spindle driven motor	11 kw	15 kw
X axis Driven Motor	3.0 kw	Double 3.0 kw
Y axis Driven Motor	3.0 kw	3.0 kw
Z axis Driven Motor	3.0 kw	3.0 kw
LUBRICATING AND COOLING SYSTEM		
Lubrication system	Automatic lubrication system	Automatic lubrication system
Coolant System	Water cooling	Water cooling
ACCURACY		
X-Axis positioning accuracy	0.05 mm	0.05 mm
Y-Axis positioning accuracy	0.02 mm	0.02 mm
Z-Axis positioning accuracy	0.02 mm	0.02 mm
X-Axis repeat positioning accuracy	±0.01/500 mm	±0.01/500 mm
Y/Z-Axis repeat positioning accuracy	±0.01/300 mm	±0.01/300 mm
MECHANICAL SPECIFICATION		
Required pneumatic pressure	6 kg/cm ²	6 kg/cm ²
Operating system	FANUC / SIEMENS	FANUC / SIEMENS
Machine height	3600 mm	3600 mm
Machine covered area	9500-11500x3150/3700 mm	9500-11500 x 3150/3700 mm
Machine weight	17000-23000kg	17000-23000kg

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PYC SERIES LONG TRAVEL MOVING COLUMN CNC Machining Center



※ Standard machine processing range reference. The details are shall be subjected to the Technical Agreement.

Standard Models :
PYC-CNC2500
PYC-CNC4500
PYC-CNC6500
PYC-CNC8500

PYC-CNC2500S
PYC-CNC4500S
PYC-CNC6500S
PYC-CNC8500S
Can be done to meet our customer requirements.

Product Description

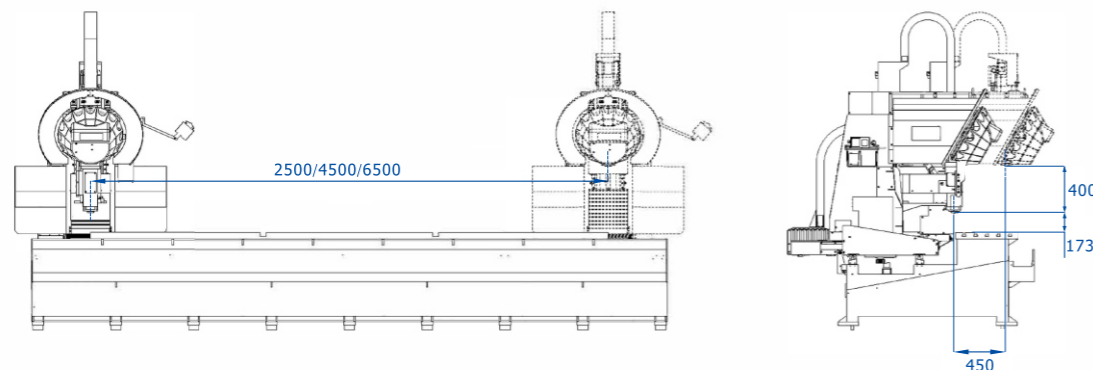
- The PYC model CNC machining center has capability functions of milling, drilling and tapping;
- PRATIC uses International CNC controller system for this model;
- Machining for various lengths of metal profiles, such as aluminum, steel, copper, etc;
- This model is suited for heavy duty machining due to its stability and rigidity;
- With surrounding protect cover;
- Has a high degree of accuracy, rigidity and stability;
- The auto chip conveyor is standard configuration which makes it easier for chip cleaning;
- This PYC model is widely used in the railways, aerospace, military machinery, module guide and communication industries.

Machine Parameter (Fanuc System)

TRAVELS	
X-Axis	2500-8500 mm (Can be customize to customer requirement)
Y-Axis	580 mm
Z-Axis	450 mm
SPINDLE	
Maximum speed	10000 rpm
Taper	BT40 ϕ 150 mm (Outer diameter)
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
Automatic tool change time	2 sec
AXIS FEED RATES	
Rapid on X	60 m/min
Rapid on Y	28 m/min
Rapid on Z	28 m/min
X/Y/Z cutting feed rate	15000 mm/min
MOTOR POWER	
Spindle driven motor	11 kw
X axis Driven Motor	3.0 kw
Y axis Driven Motor	3.0 kw
Z axis Driven Motor	3.0 kw
LUBRICATING AND COOLING SYSTEM	
Lubrication system	Automatic lubrication system
Coolant System	Water cooling
ACCURACY	
X-Axis positioning accuracy	0.05 mm
Y-Axis positioning accuracy	0.02 mm
Z-Axis positioning accuracy	0.02 mm
X-Axis repeat positioning accuracy	\pm 0.01/500 mm
Y/Z-Axis repeat positioning accuracy	\pm 0.01/300 mm
MECHANICAL SPECIFICATION	
Required pneumatic pressure	6 kg/cm ²
Operating system	SIEMENS / FANUC
Machine height	2800 mm
Machine covered area	6400-15500 x 3000 mm
Machine weight	10000-22000 kg

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PIC SERIES 3-AXIS ALUMINUM PROFILE CNC Machining Center



Welding steel
structure lathe bed

Standard Models :
PIC-CNC2500
PIC-CNC4500
PIC-CNC6500
Can be done to meet our
customer requirements.

※ Standard machine processing range reference. The details are shall be subjected to the Technical Agreement.

Product Description

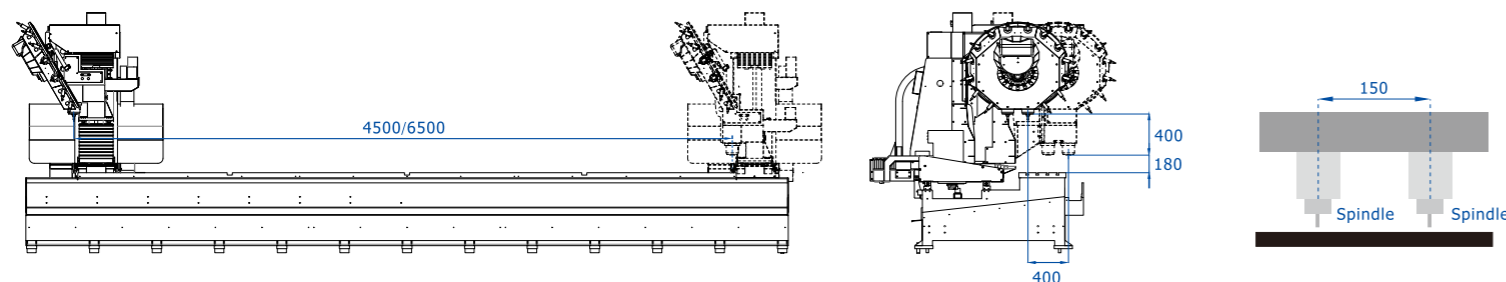
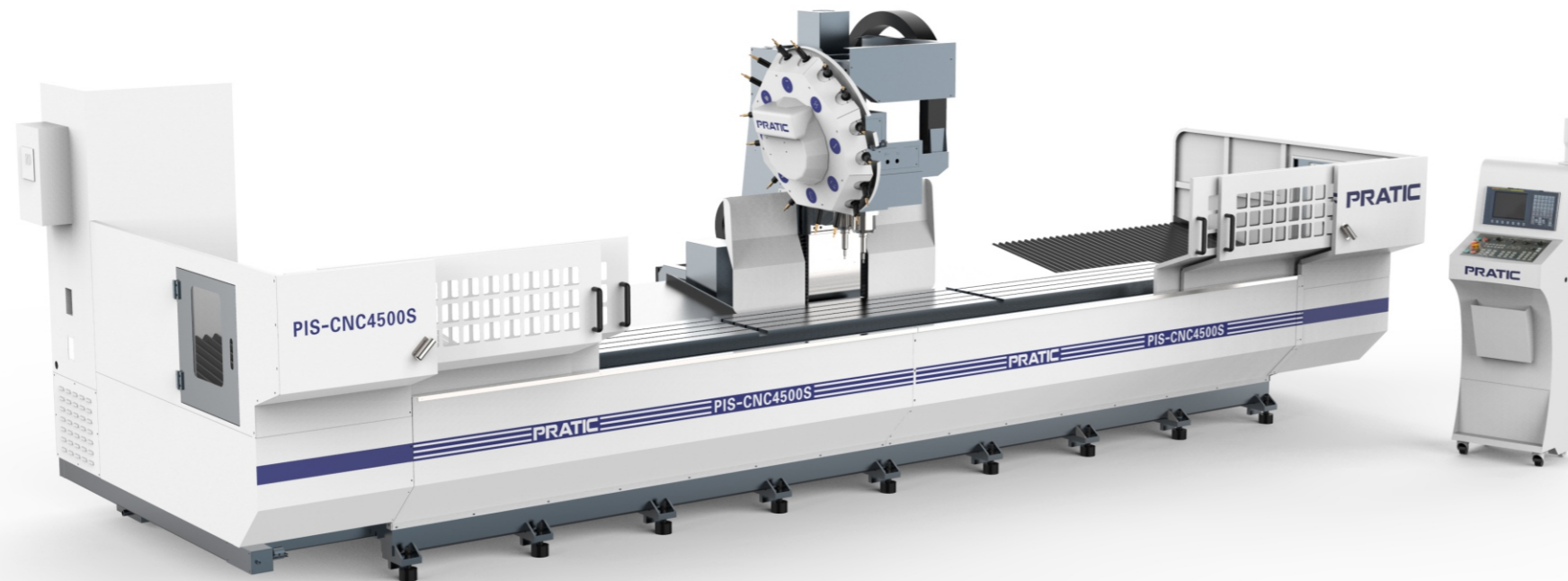
- The PIC model CNC machining center has capability functions of milling, drilling, tapping;
- PRATIC uses International CNC controller system for this model;
- Machining for various length of steel frame, aluminum frame, copper frame and etc;
- Adopted a high speed and high-precision design mode;
- High processing efficiency and high-accuracy machining;
- Equipped with a special chip collection system;
- This PIC model is widely used in electronic appliance, customized furniture and other aluminum frame processing.

Machine Parameter (Fanuc System)

TRAVELS	
X-Axis	2500~6500 mm (Can be customize to customer requirement)
Y-Axis	450 mm
Z-Axis	400 mm
SPINDLE	
Maximum speed	12000~20000 rpm
Taper	BT40 ϕ 150 mm (Outer diameter)
TOOL MAGAZINE	
Type	Arm type
Capacity	16 pcs
Automatic tool change time	2 sec
AXIS FEED RATES	
Rapid on X	60 m/min
Rapid on Y	28/40 m/min
Rapid on Z	28/40 m/min
X/Y/Z cutting feed rate	15000 mm/min
MOTOR POWER	
Spindle driven motor	5.5 kw
X axis Driven Motor	3.0 kw
Y axis Driven Motor	1.8 kw
Z axis Driven Motor	1.8 kw
LUBRICATING AND COOLING SYSTEM	
Lubrication system	Automatic lubrication system
Coolant System	Water cooling
ACCURACY	
X-Axis positioning accuracy	0.05 mm
Y-Axis positioning accuracy	0.02 mm
Z-Axis positioning accuracy	0.02 mm
X-Axis repeat positioning accuracy	\pm 0.01/500 mm
Y/Z-Axis repeat positioning accuracy	\pm 0.01/300 mm
MECHANICAL SPECIFICATION	
Required pneumatic pressure	6 kg/cm ²
Operating system	SIEMENS / FANUC
Machine height	3300 mm
Machine covered area	4600-9000 x 2500 mm
Machine weight	7000-11000 kg

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PIS SERIES 3-AXIS ALUMINUM PROFILE CNC Machining Center



Standard Models:
PIS-CNC4500S
PIS-CNC6500S
Can be done to meet our customer requirements.

※ Standard machine processing range reference. The details are shall be subjected to the Technical Agreement.

Product Description

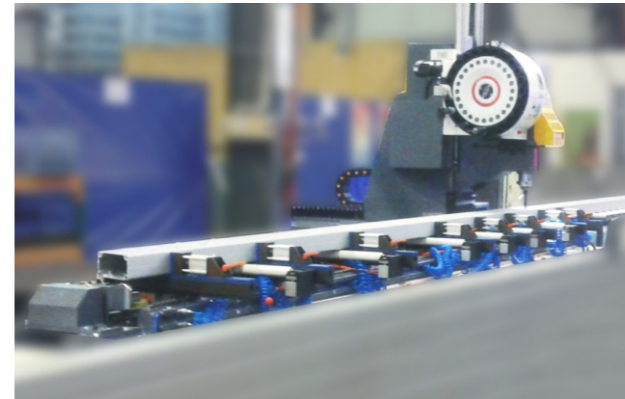
- The PIS model CNC machining center has capability functions of milling, drilling, tapping;
- PRATIC uses International CNC controller system for this model;
- Machining for various length of steel frame, aluminum frame, copper frame and etc;
- High speed and high precision double spindle design mode is adopted;
- Its processing efficiency is twice that of similar equipment;
- Equipped with a special chip collection device;
- This PIS model is widely used in the aluminum frame processing industries, such as the window and door decorative handle, electronic appliance, customized furniture and etc.

Machine Parameter (Siemens System)

TRAVELS	
X-Axis	4500~6500 mm (Can be customize to customer requirement)
Y-Axis	400 mm
Z-Axis	400 mm
SPINDLE	
Maximum speed	24000 rpm (Motorized spindle)
Taper	BT30 Φ120 mm (Outer diameter)
TOOL MAGAZINE	
Type	Arm type
Diameter of adjacent empty tool cutter	Φ80 mm
Capacity	2-8 pcs
Automatic tool change time	2 sec
AXIS FEED RATES	
Rapid on X	60 m/min
Rapid on Y	28 m/min
Rapid on Z	28 m/min
X/Y/Z cutting feed rate	15000 mm/min
MOTOR POWER	
Spindle driven motor	7.5 kw
X axis Driven Motor	2.7 kw
Y axis Driven Motor	2.7 kw
Z axis Driven Motor	3.1 kw
LUBRICATING AND COOLING SYSTEM	
Lubrication system	Automatic lubrication system
Coolant System	Water cooling
ACCURACY	
X-Axis positioning accuracy	0.05 mm
Y-Axis positioning accuracy	0.02 mm
Z-Axis positioning accuracy	0.02 mm
X-Axis repeat positioning accuracy	±0.01/500 mm
Y/Z-Axis repeat positioning accuracy	±0.01/300 mm
MECHANICAL SPECIFICATION	
Required pneumatic pressure	6 kg/cm ²
Operating system	SIEMENS
Machine height	2600 mm
Machine covered area	7000-9000 x 2700 mm
Machine weight	9000-11000 kg

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PZB SERIES 3-AXIS ALUMINUM PROFILE CNC Machining Center

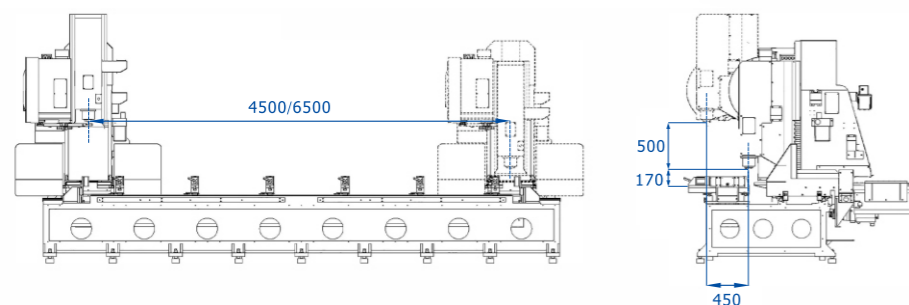


Product Description

- The PZB model CNC machining center has capability functions of milling, drilling, tapping;
- PRATIC uses International CNC controller system for this model;
- Machining for various lengths of metal profiles, such as aluminum, steel, copper and etc;
- With BT40 spindle, the structure is simple and easy to operate;
- This PZB model is widely used in machinery manufacturing, door and window, curtain wall, light steel, tent hall and other metal processing on construction.

Machine Parameter (Fanuc System)

TRAVELS	
X-Axis	4500~6500 mm (Can be customize to customer requirement)
Y-Axis	450 mm
Z-Axis	500 mm
SPINDLE	
Maximum speed	12000 rpm
Taper	BT40 ϕ 120 mm (Outer diameter)
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
Automatic tool change time	2 sec
AXIS FEED RATES	
Rapid on X	60 m/min
Rapid on Y	28 m/min
Rapid on Z	28 m/min
X/Y/Z cutting feed rate	15000 mm/min
MOTOR POWER	
Spindle driven motor	7.5 kw
X axis Driven Motor	3.0 kw
Y axis Driven Motor	1.8 kw
Z axis Driven Motor	3.0 kw
LUBRICATING AND COOLING SYSTEM	
Lubrication system	Automatic lubrication system
Coolant System	Oil mist spraying
ACCURACY	
X-Axis positioning accuracy	0.05 mm
Y-Axis positioning accuracy	0.02 mm
Z-Axis positioning accuracy	0.02 mm
X-Axis repeat positioning accuracy	\pm 0.01/500 mm
Y/Z-Axis repeat positioning accuracy	\pm 0.01/300 mm
MECHANICAL SPECIFICATION	
Required pneumatic pressure	6 kg/cm ²
Operating system	FANUC / SIEMENS
Machine height	2600 mm
Machine covered area	6700~8700 x 2400 mm
Machine weight	9000~11000 kg

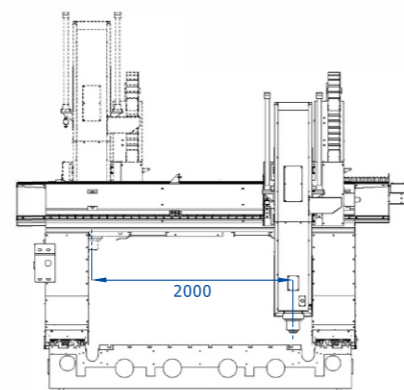
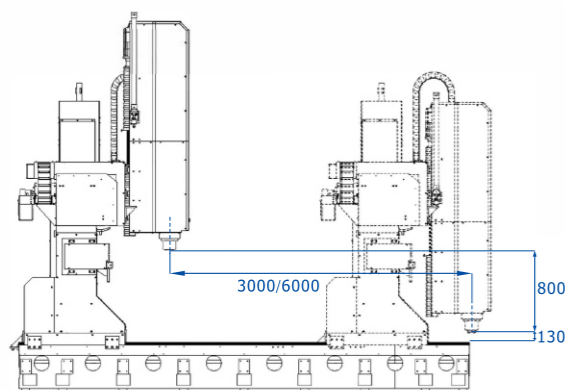
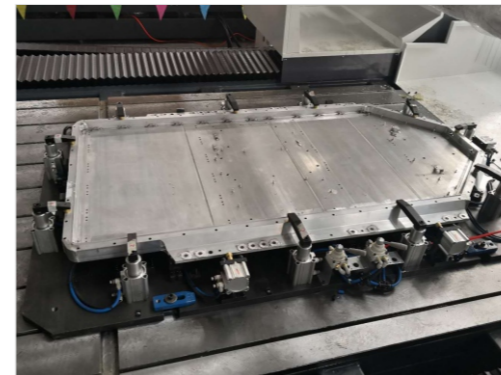
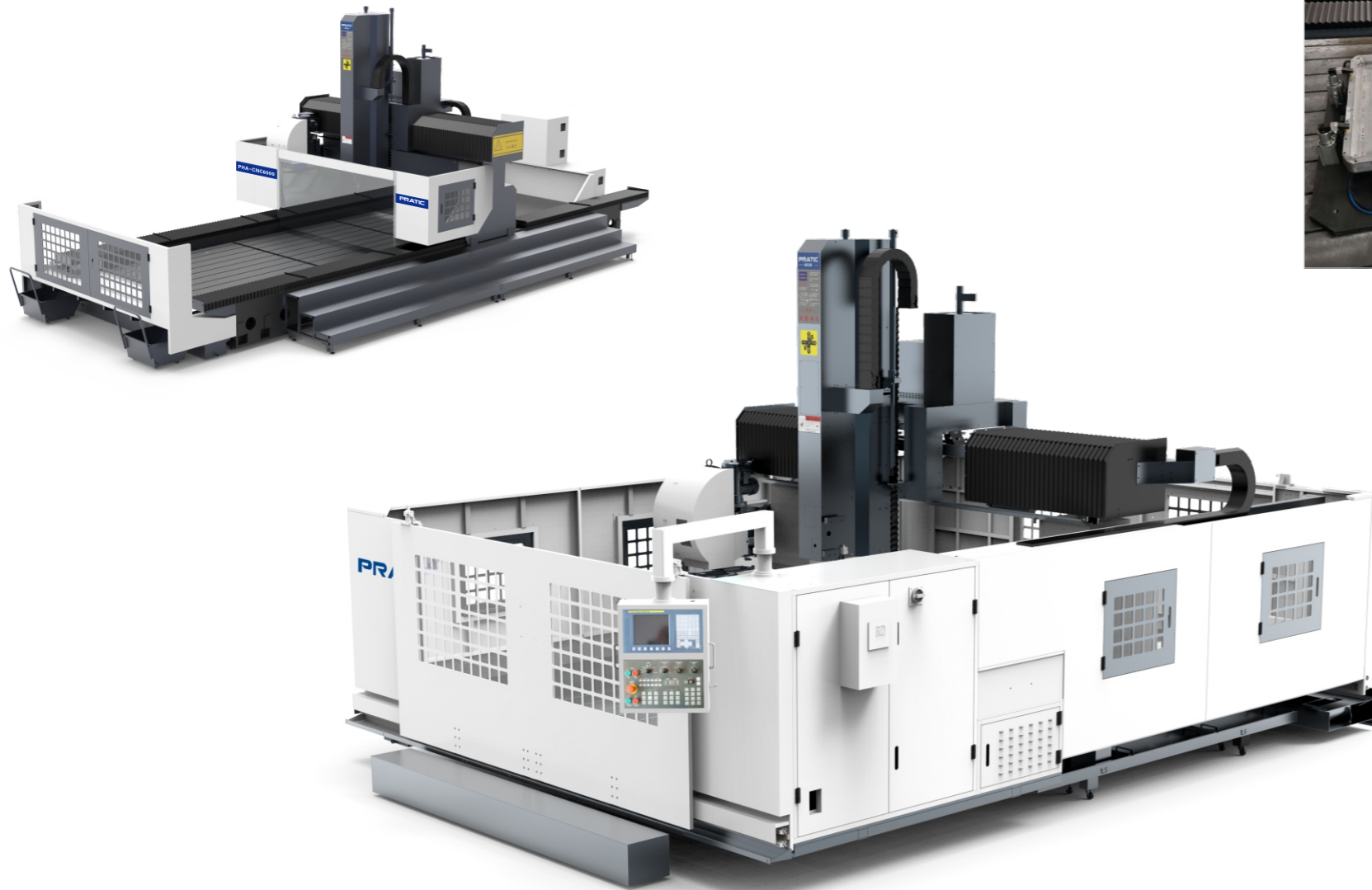


Standard Models:
 PZB-CNC4500S
 PZB-CNC6500S
 Can be done to meet our customer requirements.

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PHA SERIES 3-AXIS CNC Gantry Machining Center



※ Standard machine processing range reference. The details are shall be subjected to the Technical Agreement.

Casting iron lathe bed
Standard Models :
PHA-CNC3000
PHA-CNC6000

Welding steel structure lathe bed
PHA-CNC3000S
PHA-CNC6000S
Can be done to meet our customer requirements.

Product Description

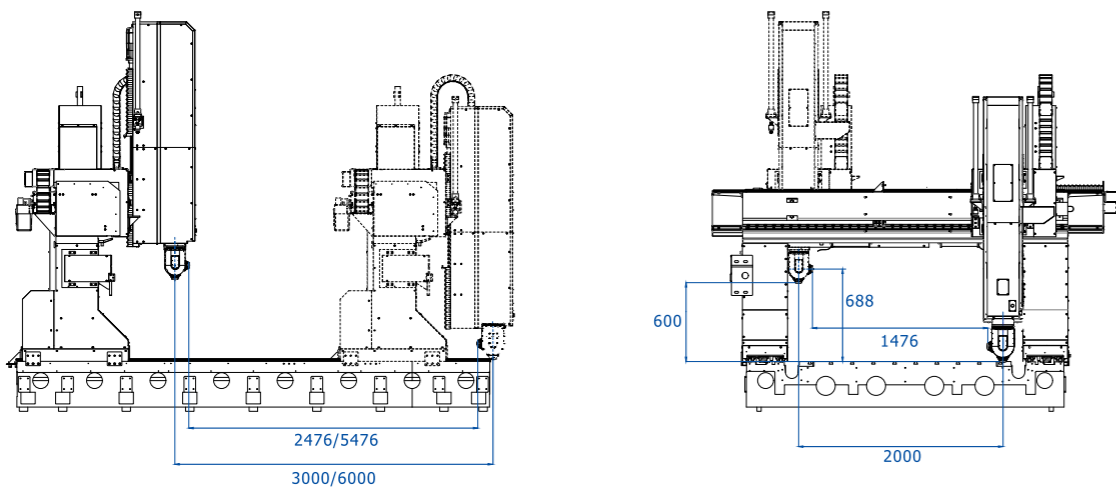
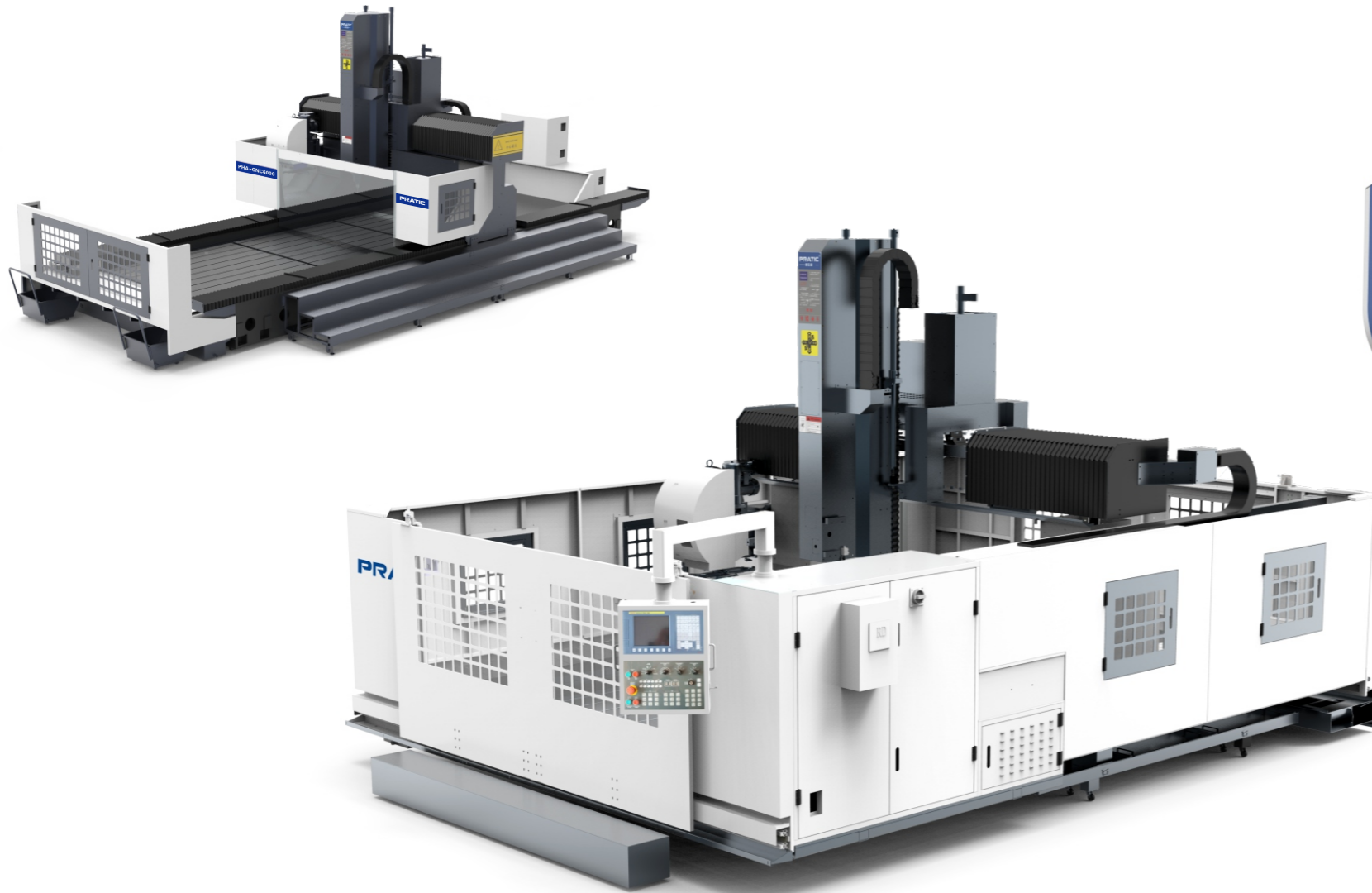
- The PHA model CNC machining center has capability function of milling, drilling, tapping;
- PRATIC uses International CNC controller system for this model;
- Machining for various lengths of metal profiles, such as aluminum, steel, copper and etc;
- With BT40 spindle and a low machine base design;
- A large range of processing parts, high processing accuracy;
- The auto chip conveyor is a standard configuration which makes it easier for chip cleaning;
- This PHA model is widely used in the metal panel processing industries, such as the rail transit, EV battery tray, machinery parts and other fields.

Machine Parameter (Fanuc System)

TRAVELS	
X-Axis	3000~6000 mm (Can be customize to customer requirement)
Y-Axis	2000 mm
Z-Axis	800 mm
SPINDLE	
Maximum speed	12000 rpm
Taper	BT40 ϕ 120 mm (Outer diameter)
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
Automatic tool change time	2 sec
AXIS FEED RATES	
Rapid on X	40 m/min
Rapid on Y	50 m/min
Rapid on Z	20 m/min
X/Y/Z cutting feed rate	15000 mm/min
MOTOR POWER	
Spindle driven motor	7.5 kw
X axis Driven Motor	Double 3.0 kw
Y axis Driven Motor	3.0 kw
Z axis Driven Motor	3.0 kw
LUBRICATING AND COOLING SYSTEM	
Lubrication system	Automatic lubrication system
Coolant System	Water cooling
ACCURACY	
X-Axis positioning accuracy	0.05 mm
Y-Axis positioning accuracy	0.03 mm
Z-Axis positioning accuracy	0.02 mm
X-Axis repeat positioning accuracy	\pm 0.01/500 mm
Y/Z-Axis repeat positioning accuracy	\pm 0.01/300 mm
MECHANICAL SPECIFICATION	
Required pneumatic pressure	6 kg/cm ²
Operating system	FANUC / SIEMENS
Machine height	3900 mm
Machine covered area	6200~20000 x 4400 mm
Machine weight	17000~40000 kg

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PHA5D SERIES 5-AXIS CNC Gantry Machining Center



※ Standard machine processing range reference. The details are shall be subjected to the Technical Agreement.

Product Description

- The PHA5D CNC machining center has capability functions of milling, drilling, tapping;
- PRATIC uses International CNC controller system for this model;
- Machining for various lengths of metal profiles, such as aluminum, steel, copper, etc;
- With a high precision 5 axis head;
- A/C axis multi-angle, multi-azimuth, multi-angle processing, to meet different processing needs;
- The auto chip conveyor is standard configuration which makes it easier for chip cleaning;
- This PHA5D model is widely used in parts processing industries, such as automotive vehicles, machinery and Multi-angle and shaped metals.

Machine Parameter (Fanuc System)

TRAVELS	
X-Axis	3000~6000 mm (Can be customize to customer requirement)
Y-Axis	2000 mm
Z-Axis	600 mm
SPINDLE	
Maximum speed	24000 rpm
Taper	HSK F63
TOOL MAGAZINE	
Type	Umbrella type
Capacity	12 pcs
Automatic tool change time	8 sec
AXIS FEED RATES	
Rapid on X	40 m/min
Rapid on Y	50 m/min
Rapid on Z	20 m/min
X/Y/Z cutting feed rate	15000 mm/min
MOTOR POWER	
Spindle driven motor	10/15 kw
X axis Driven Motor	3.1 kw
Y axis Driven Motor	3.1 kw
Z axis Driven Motor	3.1 kw
LUBRICATING AND COOLING SYSTEM	
Lubrication system	Automatic lubrication system
Coolant System	Water cooling
ACCURACY	
X-Axis positioning accuracy	0.05 mm
Y-Axis positioning accuracy	0.03 mm
Z-Axis positioning accuracy	0.02 mm
X-Axis repeat positioning accuracy	±0.01/500 mm
Y/Z-Axis repeat positioning accuracy	±0.01/300 mm
MECHANICAL SPECIFICATION	
Required pneumatic pressure	6 kg/cm ²
Operating system	FANUC / SIEMENS
Machine height	3800 mm
Machine covered area	6200-92000 x 4400 mm
Machine weight	20000-25000 kg

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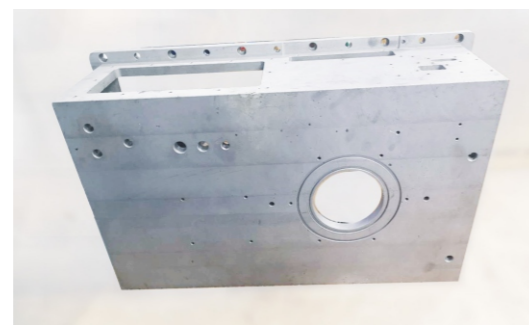
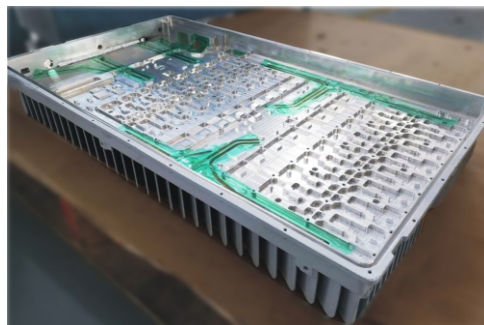
Standard Models:
PHA5D-CNC3000
PHA5D-CNC6000

Casting iron lathe bed

Welding steel structure lathe bed
PHA5D-CNC3000S
PHA5D-CNC6000S

Can be done to meet our customer requirements.

PW SERIES MULTI-FUNCTION Horizontal CNC Machining Center



Standard Models:
PW-CNC6040
PW-CNC8050
PW-CNC1160
PW-CNC1513
Can be done to meet our
customer requirements.

Product Description

- The PW model machine has capability functions of milling, boring, drilling, reaming and tapping, etc;
- It is suitable for processing profile steel, copper and aluminum profiles of various lengths;
- The headstock adopts the fixed structure;
- The PW model is widely used in processing workpieces commonly used in LED display screen box, 5G communication (including transmitting antenna, filter, radiator, shield cover and various cavity parts), new energy inverter, controller, battery pack and many other capabilities.

Machine Parameter (Siemens System)

TRAVELS	PW-CNC6040	PW-CNC8050	PW-CNC1160
X-Axis	600 mm	800 mm	1100 mm
Y-Axis	600 mm	800 mm	1100 mm
Z-Axis	400 mm	500 mm	600 mm
SPINDLE			
Maximum speed	24000 rpm	24000 rpm	24000 rpm
Taper	BT30	BT30	BT30
TOOL MAGAZINE			
Type	Disc type	Disc type	Disc type
Capacity	32 pcs	32 pcs	32 pcs
Automatic tool change time	2 sec	2 sec	2 sec
AXIS FEED RATES			
Rapid on X	48 m/min	48 m/min	48 m/min
Rapid on Y	48 m/min	48 m/min	48 m/min
Rapid on Z	48 m/min	48 m/min	48 m/min
MOTOR POWER			
Spindle driven motor	7.5 kw	7.5 kw	7.5 kw
X axis Driven Motor	4.3 kw	4.3 kw	5.2 kw
Y axis Driven Motor	3.3 kw	3.14 kw	3.14 kw
Z axis Driven Motor	3.1 kw	3.1 kw	3.14 kw
LUBRICATING AND COOLING SYSTEM			
Lubrication system	Automatic lubrication system		
Coolant System	Water cooling		
ACCURACY			
X-Axis positioning accuracy	0.02 mm	0.02 mm	0.02 mm
Y-Axis positioning accuracy	0.02 mm	0.02 mm	0.02 mm
Z-Axis positioning accuracy	0.015 mm	0.015 mm	0.015 mm
X-Axis repeat positioning accuracy	±0.01/500 mm	±0.01/500 mm	±0.01/500 mm
Y/Z-Axis repeat positioning accuracy	±0.01/300 mm	±0.01/300 mm	±0.01/300 mm
MECHANICAL SPECIFICATION			
Required pneumatic pressure	6 kg/cm ²	6 kg/cm ²	6 kg/cm ²
Operating system	SIEMENS	SIEMENS	SIEMENS
Machine height	2400 mm	2750 mm	3100 mm
Machine covered area	2400 x 3700 mm	2900 x 4000 mm	3400 x 4300 mm
Machine weight	6000 kg	7000 kg	85000 kg

※ The above parameters are for reference only, subject to Technical Agreement.

PWA SERIES MULTI-FUNCTION Horizontal CNC Machining Center



Standard Models :
PWA-CNC8050
PWA-CNC1150
Can be done to meet our
customer requirements.

Product Description

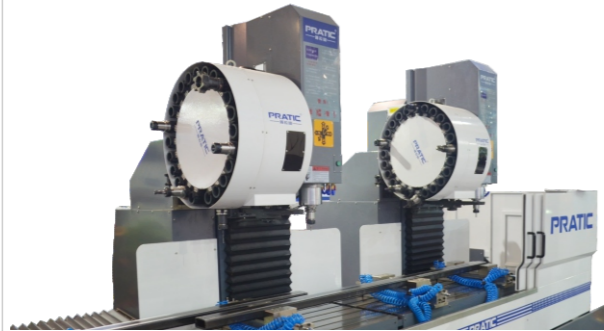
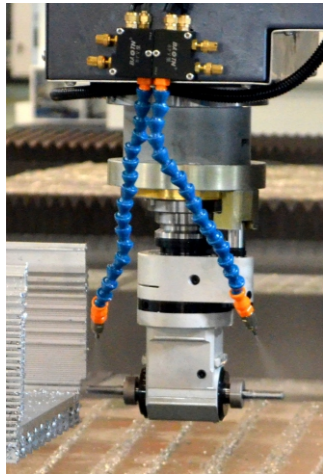
- The PWA model machine has capability functions of milling, boring, drilling, reaming and tapping;
- It is suitable for processing various lengths of steel, copper, aluminum profiles and other metal processing jobs;
- This machine spindle headstock is extended from the main column of the machine for this model. Rigidity is maintained during machining;
- The PWA model is widely used in processing 5G radiator, large shield cover, precision Electromechanical, medical and military products.

Machine Parameter (Siemens System)

TRAVELS	PW-CNC8050	PWA-CNC1150
X-Axis	800 mm	1100 mm
Y-Axis	800 mm	1100 mm
Z-Axis	500 mm	500 mm
SPINDLE		
Maximum speed	12000/14000 rpm	12000/14000 rpm
Taper	BT40	BT40
TOOL MAGAZINE		
Type	Disc type	Disc type
Capacity	24/32/36 pcs	24/32/36 pcs
Automatic tool change time	3 sec	2 sec
AXIS FEED RATES		
Rapid on X	48 m/min	48 m/min
Rapid on Y	48 m/min	48 m/min
Rapid on Z	48 m/min	48 m/min
MOTOR POWER		
Spindle driven motor	27 kw	18.5 kw
X axis Driven Motor	4.4 kw	4.4 kw
Y axis Driven Motor	3.1 kw	3.1 kw
Z axis Driven Motor	2.3 kw	2.3 kw
LUBRICATING AND COOLING SYSTEM		
Lubrication system	Automatic lubrication system	
Coolant System	Water cooling	
ACCURACY		
X-Axis positioning accuracy	0.005 mm	0.012 mm
Y-Axis positioning accuracy	0.005 mm	0.012 mm
Z-Axis positioning accuracy	0.005 mm	0.012 mm
X-Axis repeat positioning accuracy	±0.005/500 mm	±0.008/500 mm
Y/Z-Axis repeat positioning accuracy	±0.005/300 mm	±0.008/300 mm
MECHANICAL SPECIFICATION		
Required pneumatic pressure	6 kg/cm ²	6 kg/cm ²
Operating system	SIEMENS	SIEMENS
Machine height	2900 mm	3000 mm
Machine covered area	2800 x 5000 mm	3400 x 5200 mm
Machine weight	7000 kg	11000 kg

※ The above parameters are for reference only, subject to Technical Agreement.

OPTIONAL FEATURES



Double-head Machine

It can be equipped with double head and double system to realize synchronous or asynchronous machining. As a result, the work efficiency can be improved. In addition, it can process symmetrical workpieces simultaneously.

Angle Head

Single directional or two-directional angle heads are optional. It's easier to achieve one-time clamping and multi-faced processing tasks.

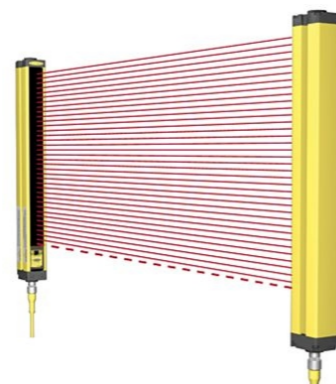
Linear Scale

A measuring feedback device working based on optical principles of grating. It can be measured in a large area and can compensate the accuracy of equipment to improve the positioning accuracy and repetition accuracy.



4-axis Rotating Table

Most of our models can be retrofitted with four-axis rotating table. It can release four-side processing and motion simulation processing. Also it is used for processing curved surface and can achieve multi-face processing after a single setting up.

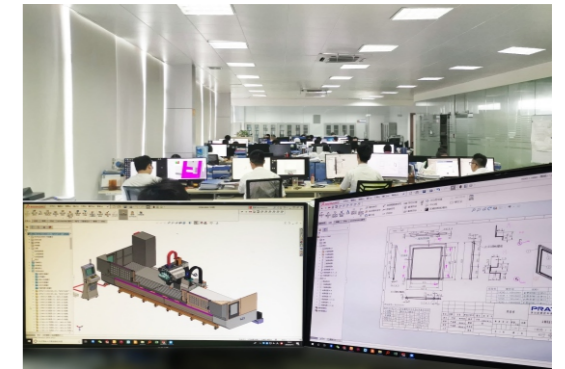


Safety Light Curtain

All of our models can be retrofitted with security light curtain for personal safety. The machine stops functioning once the safety area of the light curtain is broken, which can avoid injury to operators during the functioning of the machine.

RESEARCH AND DEVELOPMENT

PRATIC's current R&D team account for 20% of total employees. The annual R&D budget of up to 6% of our total annual revenue. Our company has broad range of professionals who are committed to scientific research and development, mechatronics, mechanical design, mold design, CNC programming and industrial design, equipment optimization, implementing of modern technology, etc. We have one strongest R & D team nationwide who are committed to meet or exceed our customer satisfaction.

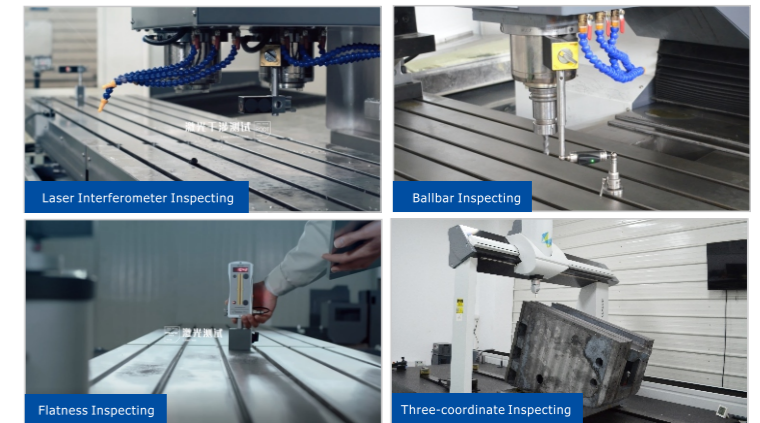


LEAN MANUFACTURING AND QUALITY



PRATIC carries out lean manufacturing throughout the entire company. Each production processes is strictly controlled and implemented according to ISO standards. Every employee is trained on a regular basis. It is for this reason that we can maintain a high-quality standard at a very competitive price. PRATIC received their ISO 9001 certification in 2015. All PRATIC machines are CE certified.

PRATIC uses imported testing instruments for inspection of each parts that goes into each model. Every quality inspector is professionally trained and receive continuous training throughout their employment in the company. PRATIC have quality systems setup at critical stages in the manufacturing of each model to ensure that their customers receive machines of the highest quality standard.



Since we stand by the quality of our equipment, PRATIC uses Japanese heavy-duty gantry machining centers to manufacture most of their critical parts. This allows PRATIC to have total control of the quality of their machines and on-time delivery.



Purchase Guide and After-sale Service

Purchasing process



Service Advantages

PRATIC Pre-Sales Service:

Our dealer or sales person will provide free consultation and advice to help you with the industry information and the solution options available for you according to your requirement.

PRATIC Sells Service:

- 1.Our innovative development engineering team will provide the customized solution for your product with the optimized machine model to maximized your productivity and efficiency;
- 2.By choosing PRATIC, you not only gain a new equipment, but also a partner which can assist you in the success of your business;
- 3.We can provide consultation with vital industry info ration to help maintain your market leadership;
- 4.Our staff is committed to building a long term relationship with its customers, meaning that we will be with you throughout the life of our machines.

PRATIC After-Sales Service:

Our service commitment: To provide continuous industry consultation, technology transfer and technical training as long term development support.

- Complimentary assistance for plant and electrical layout design;
- Complimentary commissioning of your new equipment;
- Complimentary staff training;
- Complimentary industrial information consultancy;
- Regular equipment maintenance training and technical advice for plant improvement;
- Lifetime regular maintenance and repair services for equipment purchased;
- 24hour on call emergency services for selective region;
- Nationwide maintenance and repair services for all CNC machine.