



PRATIC



KONTAKTUJTE NÁS

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COMPANY

PRATIC is a China's state-level high-tech company specializes in CNC machining centers.

In the past 14 years since its establishment, PRATIC has set up strong R&D, manufacturing and service network to provide customers with the excellent products and service experience.

2008

Founded

3500+

Customers

130000Square meters
factory**6500+**Installed
machines**1000+**

Employees

200+

Patents



DEVELOPMENT



R&D CAPABILITY

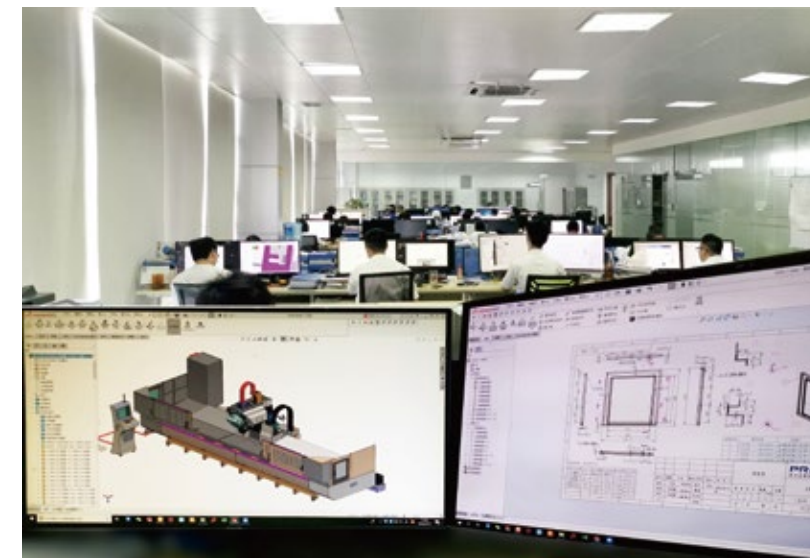
- Strong R&D team, accounting for 20% of total employees.
- Covering professionals of science and research management, mechatronics, mechanical design, mold design, CNC programming and industrial design.
- Awarded as Pilot and Demonstration Enterprise of "Made in China 2025" and "Provincial level intelligent manufacturing research center".

20%
of total employees

6%
of annual revenue

2
Technical Centers

237
Patents



PYC

3 Axis long-travel moving column machining center

Intensified moving column structure is adopted, matching for universal machining.

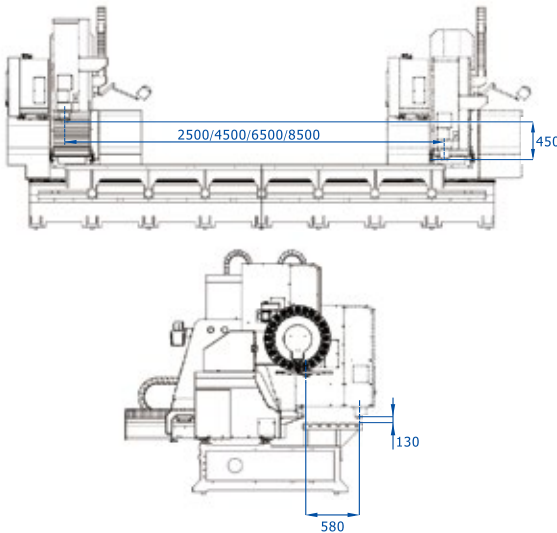


- PYC-CNC2500
- PYC-CNC4500
- PYC-CNC6500
- PYC-CNC8500

Main Parameters

TRAVELS	
X-Axis	2500/4500/6500/8500 mm
Y-Axis	580 mm
Z-Axis	450 mm
SPINDLE	
Rated Power	13/11 kW
Maximum Speed	10000 rpm
Taper	BT40/SK40/CAT40
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
 * Other lengths can be customized



Long-Travel Vertical Machining Centers

- Integrated with function of milling, drilling and tapping.
- Equipped with internationally-renowned high-end CNC system.
- Capable of processing aluminum, steel, cooper and non-metal material.
- Widely used in various industries such as automotive, aerospace, machinery manufacturing and electronics.

PYD

3 Axis long-travel moving column machining center

With higher rigidity and stability, designed for heavy-duty machining of various materials.

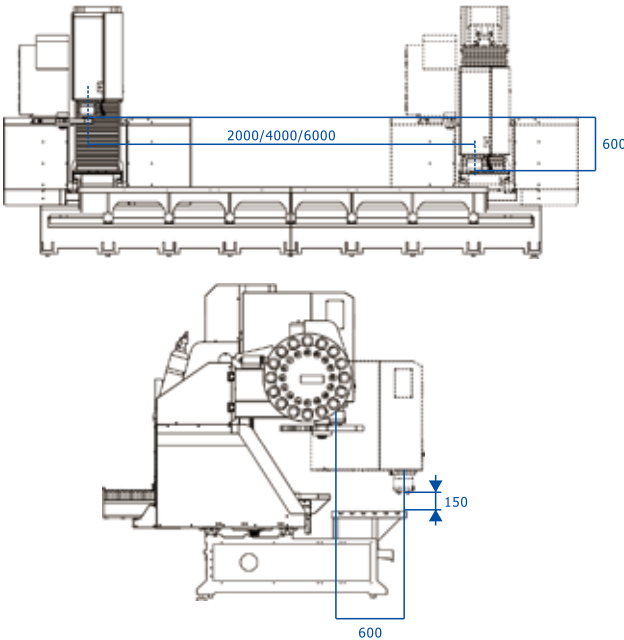


- PYD-CNC2000
- PYD-CNC4000
- PYD-CNC6000

Main Parameters

TRAVELS	
X-Axis	2000/4000/6000 mm
Y-Axis	600 mm
Z-Axis	600 mm
SPINDLE	
Rated Power	15/15 kW
Maximum Speed	8000 rpm
Taper	BT50/SK50/CAT50
TOOL MAGAZINE	
Type	Disc type
Capacity	16 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
* Other lengths can be customized



PYE

3 Axis long-travel moving column machining center

With larger processing range, meets the diverse processing needs.

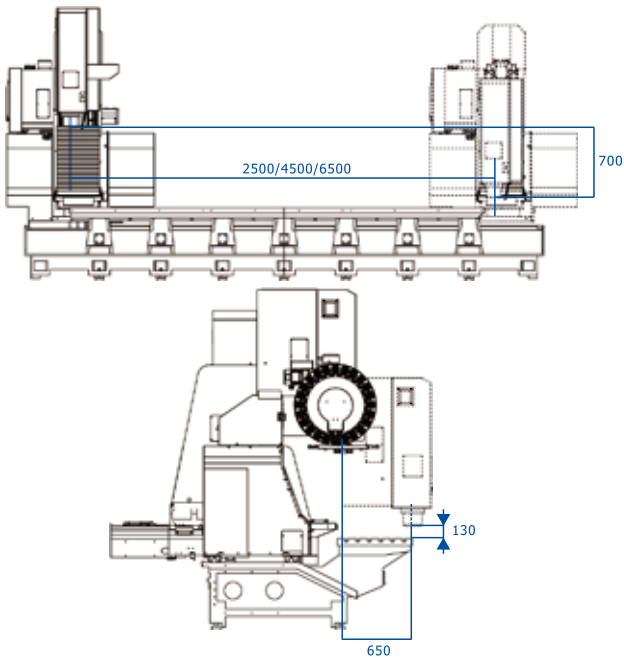


- PYE-CNC2500
- PYE-CNC4500
- PYE-CNC6500

Main Parameters

TRAVELS	
X-Axis	2500/4500/6500 mm
Y-Axis	650 mm
Z-Axis	700 mm
SPINDLE	
Rated Power	13/11 kW
Maximum Speed	10000 rpm
Taper	BT40/SK40/CAT40
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
* Other lengths can be customized



PCD5D

5 Axis long-travel moving column machining center

Equipped with high precision 2-axis head, capable of multi-angle and multi-direction processing of special-shaped parts.



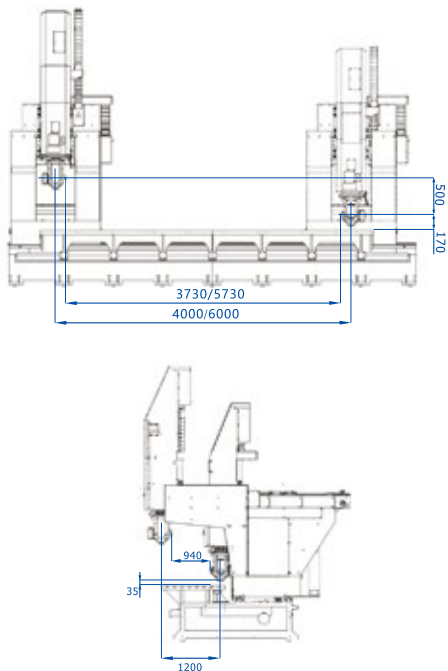
- PCD5D-CNC4012
- PCD5D-CNC6012

Main Parameters	
TRAVELS	
X-Axis	4000/6000 mm
Y-Axis	1200 mm(3-axis)/800 mm(4-axis)
Z-Axis	550 mm
A-Axis	±120°
C-Axis	±245°
SPINDLE	
Rated Power	10 kW
Maximum Speed	24000 rpm
Taper	HSK F63
TOOL MAGAZINE	
Type	Bamboo-hat type
Capacity	20 pcs
OPERATION SYSTEM	
Brand	SIEMENS

* Parameters above are for reference only

* Other lengths can be customized

09 | PROFESSIONAL CNC SOLUTION PROVIDER



PCD

3 Axis long-travel moving column machining center

The double-arm moving column structure brings superb processing capability, suitable for heavy-duty machining.



- BT40

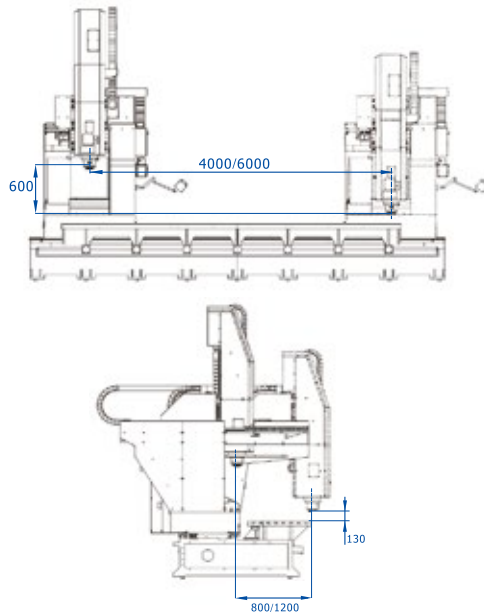
 - PCD-CNC4008
 - PCD-CNC4012
 - PCD-CNC6008
 - PCD-CNC6012
- BT50

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

Main Parameters		
TRAVELS	BT40	BT50
X-Axis	4000/6000 mm	4000/6000 mm
Y-Axis	800/1200 mm	800/1200 mm
Z-Axis	600 mm	600 mm
SPINDLE		
Rated Power	13/11 kW	17/15 kW
Maximum Speed	10000 rpm	8000 rpm
Taper	BT40/SK40/CAT40	BT50/SK50/CAT50
TOOL MAGAZINE		
Type	Umbrella type	Umbrella type
Capacity	20 pcs	16 pcs
OPERATION SYSTEM		
Brand	SIEMENS/FANUC	SIEMENS/FANUC

* Parameters above are for reference only

* Other lengths can be customized



PDE

3 Axis CNC profile machining center

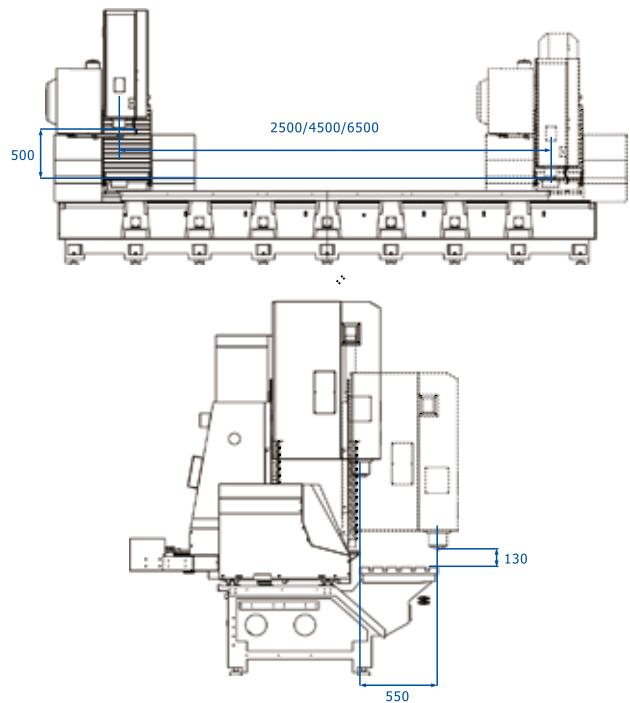
High performance machine meet the universal processing demand.



- PDE-CNC2500
- PDE-CNC4500
- PDE-CNC6500

Main Parameters	
TRAVELS	
X-Axis	2500/4500/6500 mm
Y-Axis	550 mm
Z-Axis	500 mm
SPINDLE	
Rated Power	11/7.5 kW
Maximum Speed	12000 rpm
Taper	BT40/SK40/CAT40
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

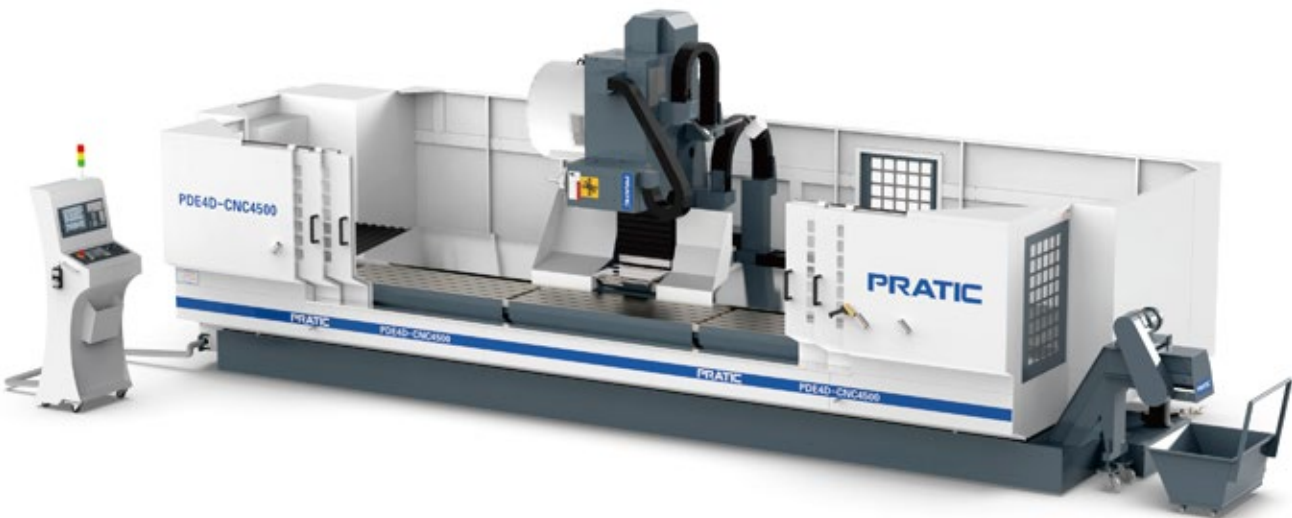
* Parameters above are for reference only
* Other lengths can be customized



PDE4D

4 Axis CNC profile machining center

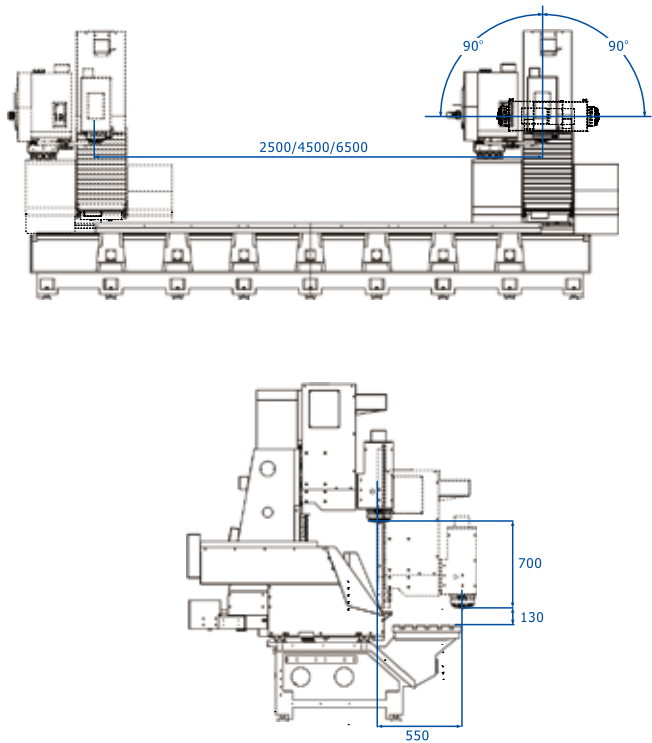
B axis rotation within $\pm 90^\circ$ to achieve multi-angle machining with high accuracy.



- PDE4D-CNC2500
- PDE4D-CNC4500
- PDE4D-CNC6500

Main Parameters	
TRAVELS	
X-Axis	2500/4500/6500 mm
Y-Axis	550 mm
Z-Axis	700 mm
B-Axis	$\pm 90^\circ$ mm
SPINDLE	
Rated Power	20/16 kW
Maximum Speed	18000 rpm
Taper	BBT40/SK40/CAT40
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
* Other lengths can be customized



PIC

3 Axis CNC profile machining center

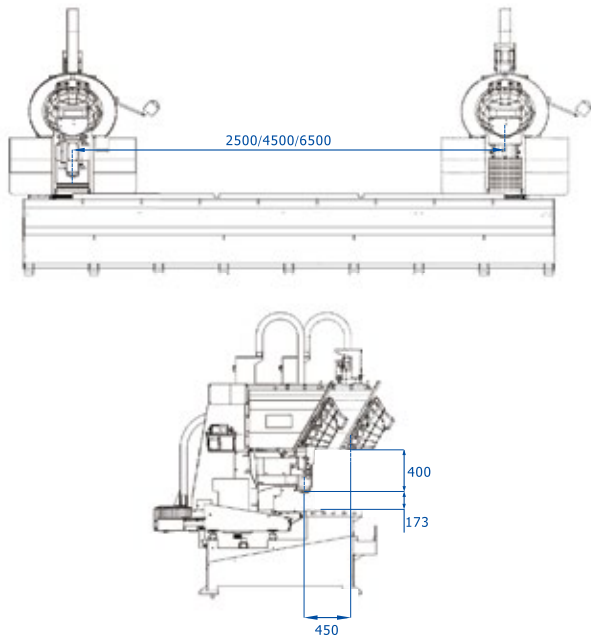
With high speed and high precision design, suitable for various length of aluminum, cooper and non-metal frame.



- PIC-CNC2500
- PIC-CNC4500
- PIC-CNC6500

Main Parameters	
TRAVELS	
X-Axis	2500-6500 mm
Y-Axis	450 mm
Z-Axis	400 mm
SPINDLE	
Rated Power	8/5.5 kW
Maximum Speed	12000 rpm
Taper	BT30/SK30/CAT30
TOOL MAGAZINE	
Type	Arm type
Capacity	16 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
* Other lengths can be customized



PIS

3 Axis double spindle machining center

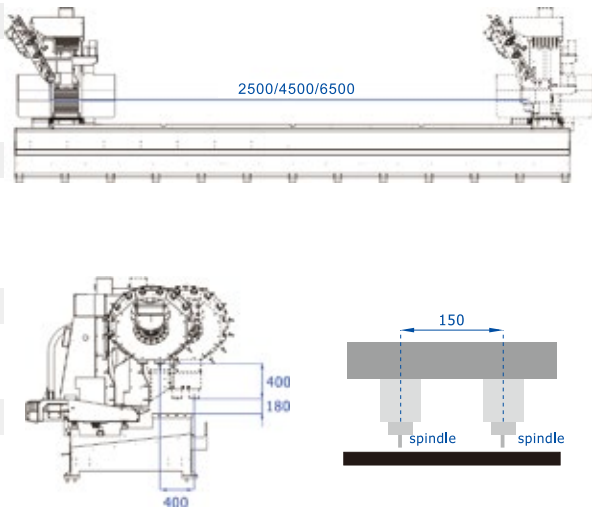
With double spindle design, achieves batch workpieces processing thanks to synchronous machining.



- PIS-CNC2500S
- PIS-CNC4500S
- PIS-CNC6500S

Main Parameters	
TRAVELS	
X-Axis	2500-6500 mm
Y-Axis	400 mm
Z-Axis	400 mm
SPINDLE	
Rated Power	7.5 kW
Maximum Speed	24000 rpm
Taper	BT30/SK30/CAT30
TOOL MAGAZINE	
Type	Arm type
Capacity	2-8 T
OPERATION SYSTEM	
Brand	SIEMENS

* Parameters above are for reference only
* Other lengths can be customized





Multi-function Horizontal Machining Centers

- With integrated function of milling, boring, drilling, reaming and tapping.
- Equipped with internationally-renowned high-end CNC system.
- Capable for processing aluminum profile, steel profile and special-shaped metal parts such as boxes, discs, valves, etc.
- Widely used in various industries with high precision processing requirement such as 5G communications, new energy battery pack, etc.

PW

Multi-function horizontal machining center

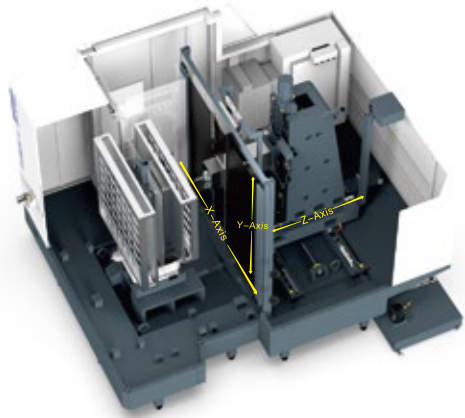
Widely used in processing LED display screen box, parts applicable in 5G communication, new energy inverter, controller, battery pack, etc.



- PW-CNC8050A
- PW-CNC1160A
- PW-CNC1360A
- PW-CNC1514A

Main Parameters	
TRAVELS	
X-Axis	800-1500 mm
Y-Axis	800-1500 mm
Z-Axis	500/600 mm
SPINDLE	
Rated Power	20 kW
Maximum Speed	20000 rpm
Taper	BBT40/SK40/CAT40
TOOL MAGAZINE	
Type	Disc type
Capacity	32 pcs
OPERATION SYSTEM	
Brand	SIEMENS

* Parameters above are for reference only
 * Other lengths can be customized



PWA

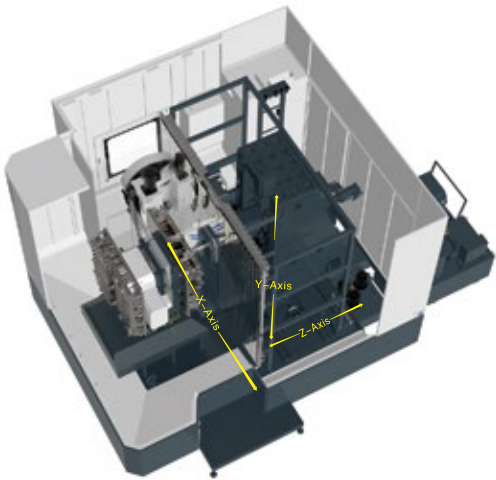
Multi-Function horizontal machining center

Widely used in processing 5G radiator, large-scale shield cover, precision mechanical and electrical, medical products.



Main Parameters			
TRAVELS	PWA-CNC8050	PWA-CNC1160	PWA-CNC1514
X-Axis	800 mm	1100 mm	1500 mm
Y-Axis	800 mm	1100 mm	1400 mm
Z-Axis	500 mm	600 mm	600 mm
SPINDLE			
Rated Power	11 kW	11 kW	11 kW
Maximum Speed	12000 rpm	12000 rpm	12000 rpm
Taper	BT40/SK40/CAT40		
TOOL MAGAZINE			
Type	Disc type	Disc type	Disc type
Capacity	32 pcs	32 pcs	32 pcs
OPERATION SYSTEM			
Brand	SIEMENS	SIEMENS	SIEMENS

* Parameters above are for reference only
* Other lengths can be customized



PWM

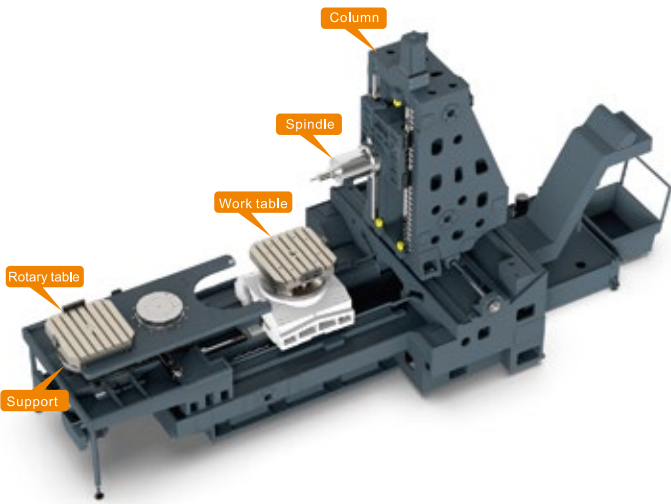
Multi-function horizontal machining center

Exchangeable worktable equipped ensures high-efficient continuous processing with feeding and machining achieved at the same time.



Main Parameters		
TRAVELS	PWM-63	PWM-80
X-Axis	1000 mm	1300 mm
Y-Axis	900 mm	1100 mm
Z-Axis	1000 mm	1200 mm
SPINDLE		
Rated Power	17 kW	17 kW
Maximum Speed	6000 rpm	6000 rpm
Taper	BT50/SK50/CAT50	
TOOL MAGAZINE		
Type	Disc type	Disc type
Capacity	24 pcs	24 pcs
OPERATION SYSTEM		
Brand	SIEMENS	SIEMENS

* Parameters above are for reference only
* Other lengths can be customized





CNC Gantry Machining Centers

- Integrated with function of milling, boring, drilling, expanding, reaming, rigid tapping, interpolation etc.
- Equipped with internationally-renowned high-end CNC system.
- Capable of processing aluminum, steel parts and large metal parts such as boxes, discs, molds and other precision parts.
- Widely used in various industries such as automotive, aerospace, heavy machinery manufacturing and mold manufacturing.

PHA5D

5 Axis CNC gantry machining center

Equipped with high precision 2-axis head, capable of multi-angle and multi-direction processing of special-shaped parts.



Main Parameters

TRAVELS

X-Axis	3000-6000 mm
Y-Axis	2000 mm(3 axis)/1400 mm(4 axis)
Z-Axis	600 mm
A-Axis	±120° mm
C-Axis	±245° mm

SPINDLE

Rated Power	15 kW
Maximum Speed	24000 rpm
Taper	HSK F63

TOOL MAGAZINE

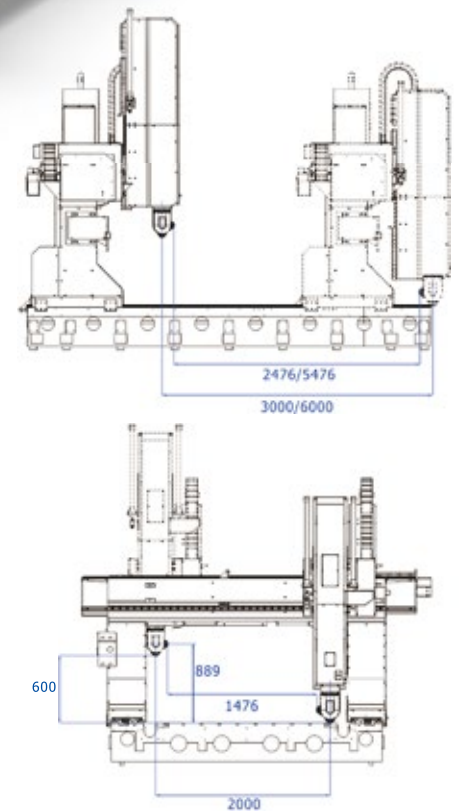
Type	Umbrella type
Capacity	12 pcs

OPERATION SYSTEM

Brand	SIEMENS
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* Parameters above are for reference only

* Other lengths can be customized



PHA

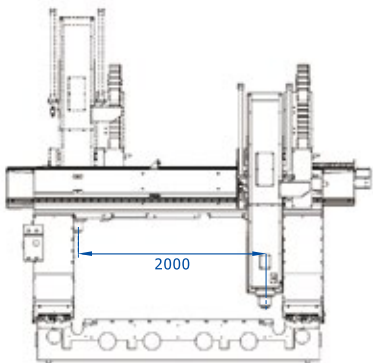
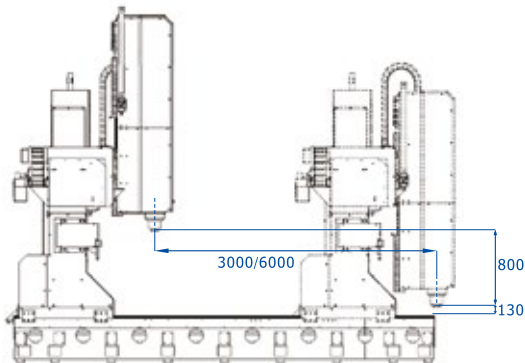
3 Axis CNC gantry machining center

Low machine base design and large range of processing with high accuracy.
Applicable in processing metal sheet and profile in industries such as the rail transit, EV battery tray and machinery manufacturing.



Main Parameters	
TRAVELS	
X-Axis	3000-6000 mm
Y-Axis	2000 mm
Z-Axis	800 mm
SPINDLE	
Rated Power	11/7.5 kW
Maximum Speed	10000 rpm(20000 rpm electrospindle)
Taper	BT40/SK40/CAT40
TOOL MAGAZINE	
Type	Disc type
Capacity	24 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
* Other lengths can be customized



PHE

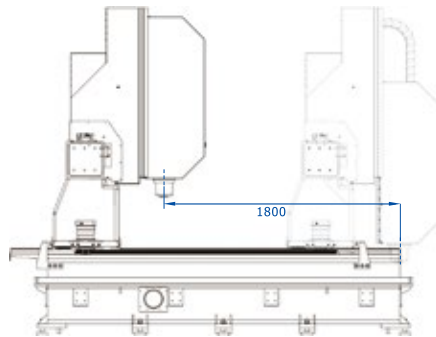
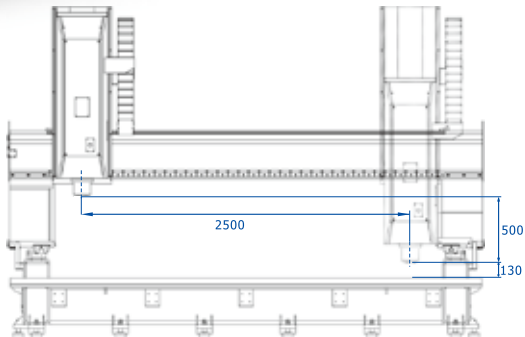
3 Axis CNC gantry machining center

Economical model to achieve more cost-effective processing while maintaining high precision.



Main Parameters	
TRAVELS	
X-Axis	2500 mm
Y-Axis	1800 mm
Z-Axis	500 mm
SPINDLE	
Rated Power	7.5/11 kW
Maximum Speed	10000 rpm(20000 rpm electrospindle)
Taper	BT40/SK40/CAT40
TOOL MAGAZINE	
Type	Bamboo-hat type
Capacity	16 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
* Other lengths can be customized



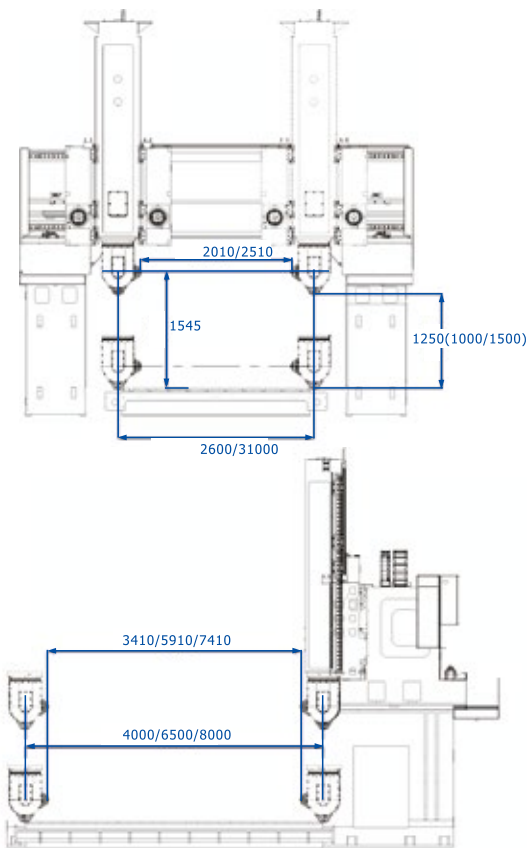
PHB5D

5 Axis CNC gantry machining center

Applicable for large-torque and heavy duty processing of special-shaped parts.



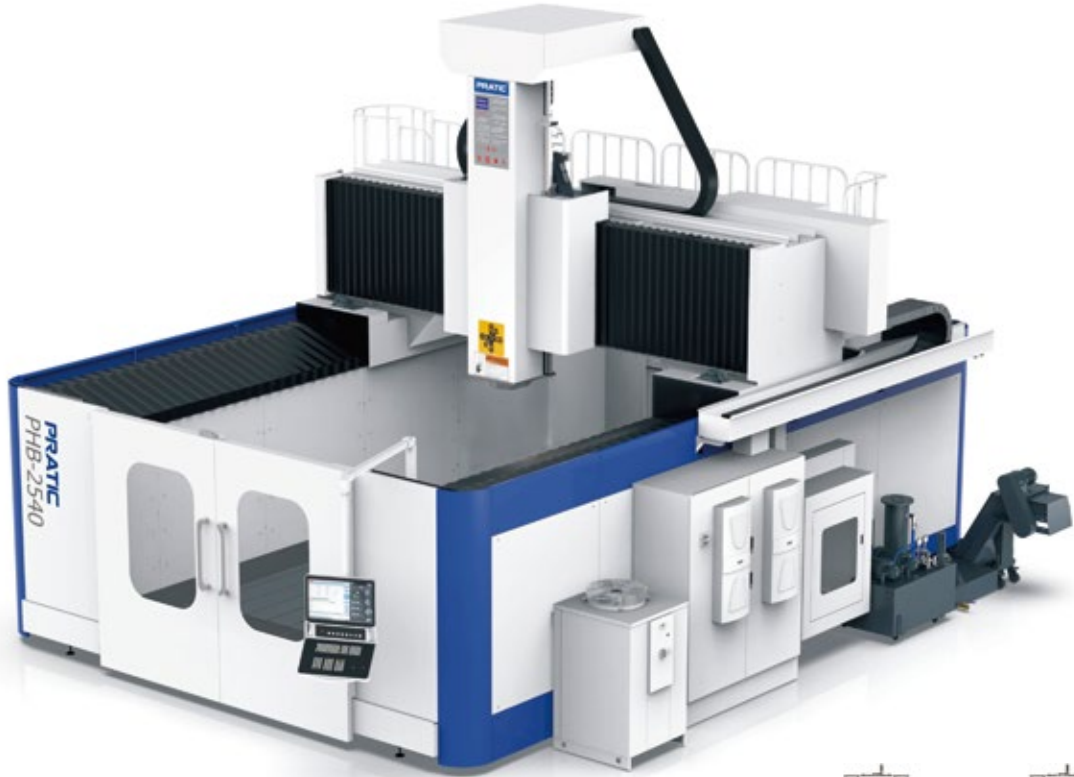
Main Parameters	
TRAVELS	
X-Axis	4000-8000 mm
Y-Axis	2600/3100 mm
Z-Axis	1000-1500 mm
A-Axis	±105° mm
C-Axis	±360° mm
SPINDLE	
Rated Power	56 kW
Maximum Speed	18000 rpm
Taper	HSK A63
TOOL MAGAZINE	
Type	Umbrella type
Capacity	20 pcs
OPERATION SYSTEM	
Brand	SIEMENS
* Parameters above are for reference only	
* Other lengths can be customized	



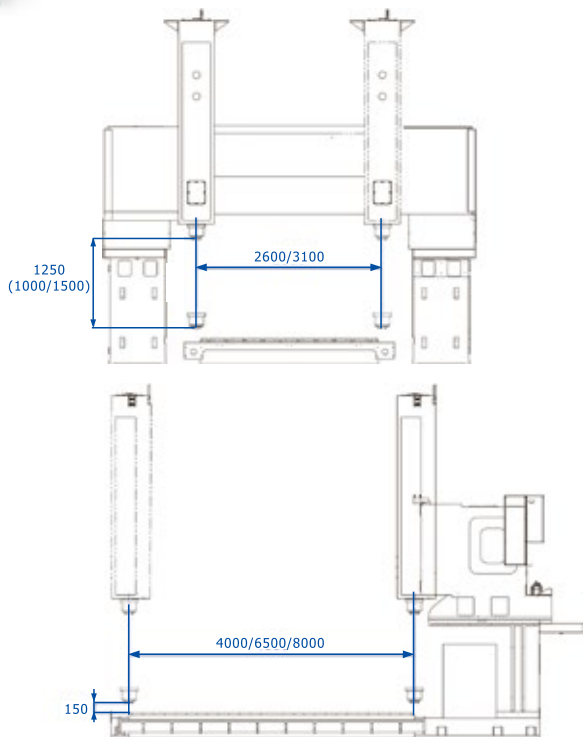
PHB

3 Axis CNC gantry machining center

With the moving beam design, applicable for high precision heavy duty processing in aerospace and machinery manufacturing.



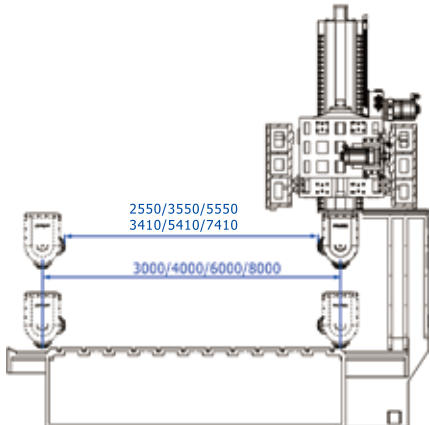
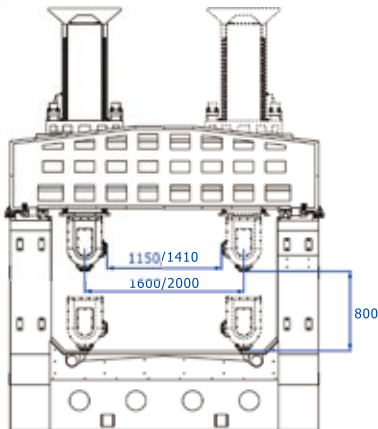
Main Parameters	
TRAVELS	
X-Axis	4000-8000 mm
Y-Axis	2600/3100 mm
Z-Axis	1000-1500 mm
SPINDLE	
Rated Power	30 kW
Maximum Speed	16000 rpm(20000 rpm electrospindle)
Taper	HSK A63
TOOL MAGAZINE	
Type	Umbrella type
Capacity	20 pcs
OPERATION SYSTEM	
Brand	SIEMENS
* Parameters above are for reference only	
* Other lengths can be customized	



PHC5D

5 Axis compact gantry machining center

The five-axis moving parts with box-in-box structure is subjected to balanced forces during processing, which effectively improves the stability of machine.



Main Parameters

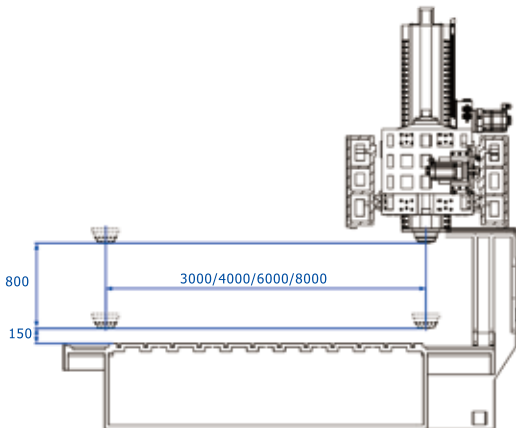
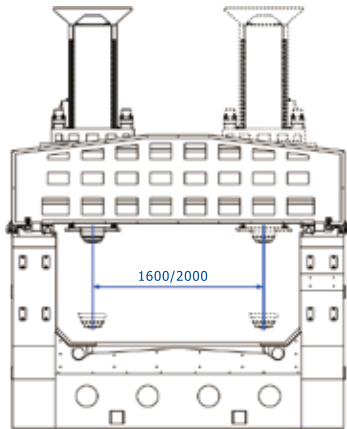
TRAVELS	
X-Axis	3000-8000 mm
Y-Axis	1600/2000 mm
Z-Axis	800 mm
A-Axis	±95° mm
C-Axis	±360° mm
SPINDLE	
Rated Power	25/56 kW
Maximum Speed	20000/18000 rpm
Taper	HSK A63
TOOL MAGAZINE	
Type	Umbrella type
Capacity	20 pcs
OPERATION SYSTEM	
Brand	SIEMENS

* Parameters above are for reference only
* Other lengths can be customized

PHC

3 Axis compact gantry machining center

With bridge-type gantry design, the moving axes are above the walls with fixed worktable to ensure the stability and accuracy.



Main Parameters

TRAVELS	
X-Axis	3000-8000 mm
Y-Axis	1600/2000 mm
Z-Axis	800 mm
SPINDLE	
Rated Power	30 kW
Maximum Speed	20000/18000 rpm
Taper	HSK A63
TOOL MAGAZINE	
Type	Umbrella type
Capacity	20 pcs
OPERATION SYSTEM	
Brand	SIEMENS/FANUC

* Parameters above are for reference only
* Other lengths can be customized

PGMA

Fixed-beam heavy duty gantry machining center

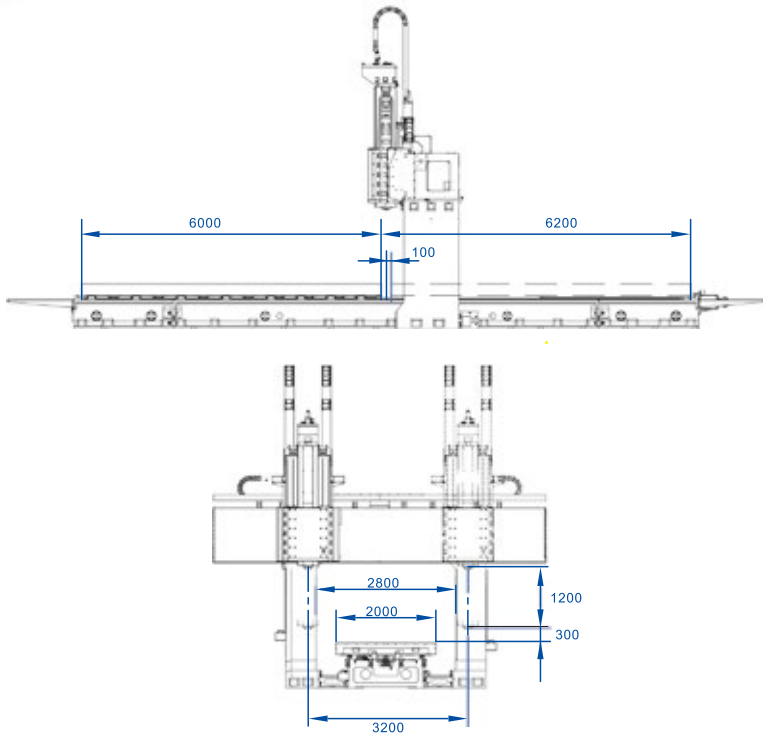
High rigidity - symmetrical four-rail bed structure
High efficiency - 4500 rpm spindle
High torque - 1076/1469 N·m



Main Parameters

TRAVELS	
X-Axis	6200 mm
Y-Axis	4600 mm
Z-Axis	1000 mm
SPINDLE	
Rated Power	22 kW
Maximum Speed	10-4500 r/min
Taper	ISO 50
TOOL MAGAZINE	
Type	Chain-type
Capacity	40 pcs
OPERATION SYSTEM	
Brand	SIEMENS

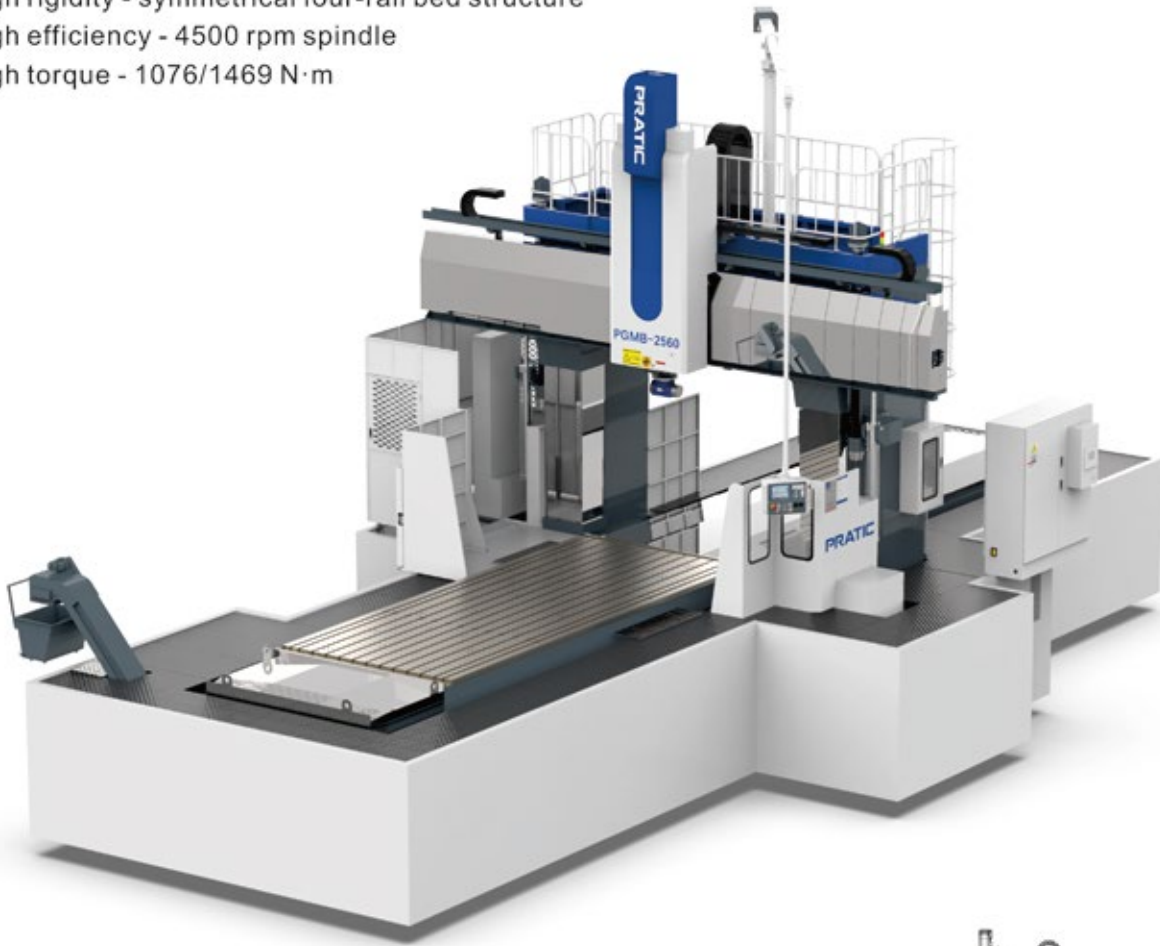
* Parameters above are for reference only
* Other lengths can be customized



PGMB

Walking-beam heavy duty gantry machining center

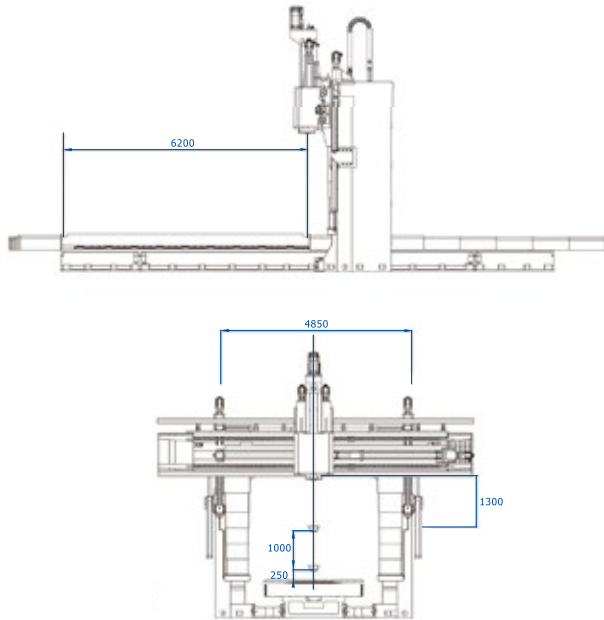
High rigidity - symmetrical four-rail bed structure
High efficiency - 4500 rpm spindle
High torque - 1076/1469 N·m



Main Parameters

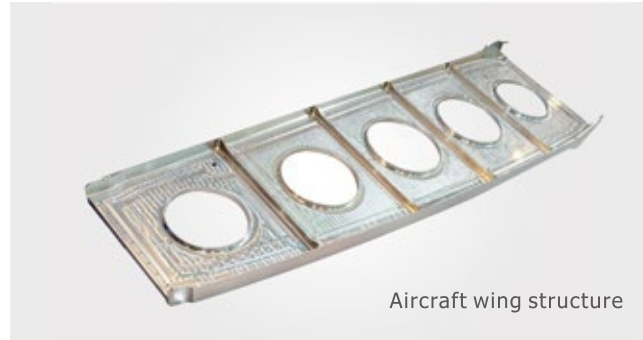
TRAVELS	
X-Axis	6200 mm
Y-Axis	4600 mm
Z-Axis	1200 mm
SPINDLE	
Rated Power	22 kW
Maximum Speed	10-4500 r/min
Taper	ISO 50
TOOL MAGAZINE	
Type	Chain-type
Capacity	40 pcs
OPERATION SYSTEM	
Brand	SIEMENS

* Parameters above are for reference only
* Other lengths can be customized



SAMPLES

■ AEROSPACE

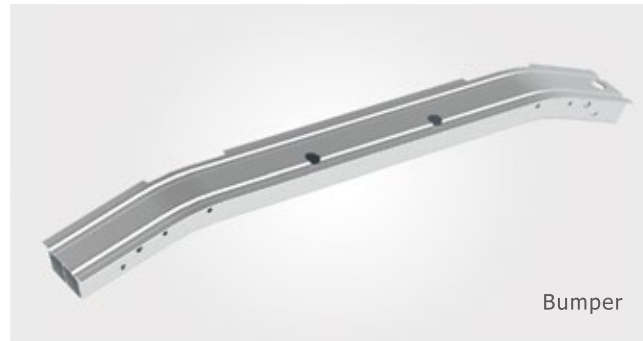


Aircraft wing structure



Aircraft wing accessories

■ AUTOMOTIVE

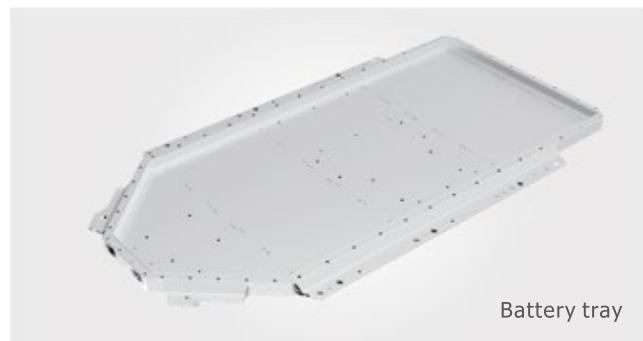


Bumper



Luggage rack

■ EV BATTERY

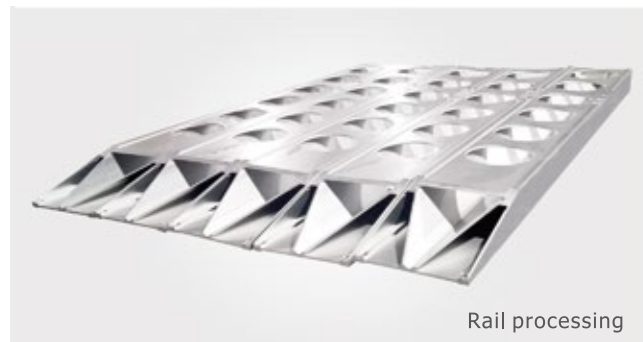


Battery tray



Rod piece

■ MACHINERY MANUFACTURING

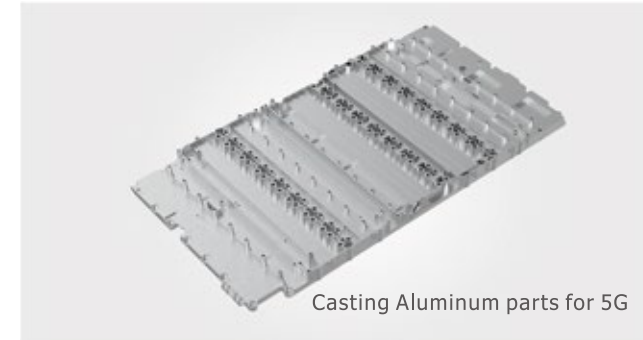


Rail processing



Module processing

■ ELECTRONICS



Casting Aluminum parts for 5G



TV frame

■ FURNITURE

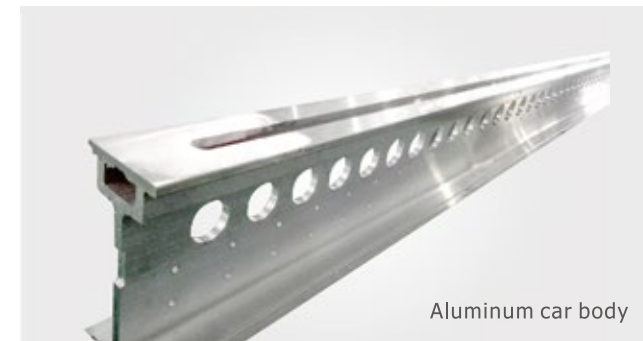


Door Lock



Door handle

■ RAIL TRANSIT



Aluminum car body



Car interior decoration

■ OTHERS



Display bracket



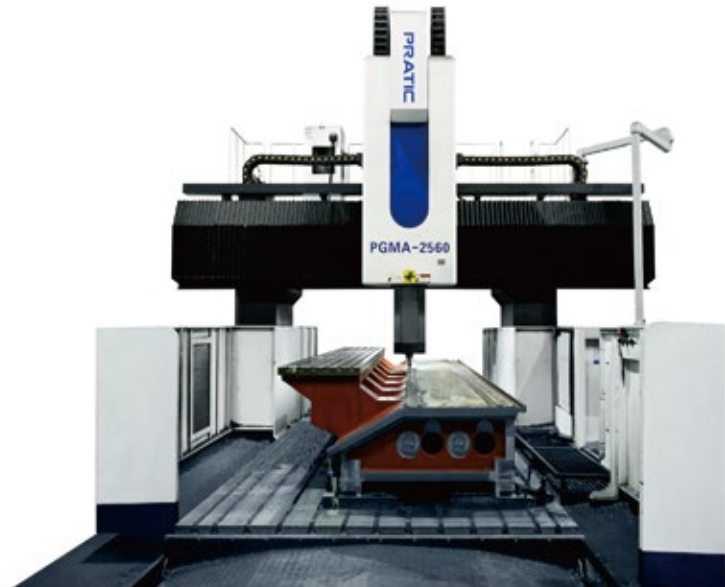
Subframe

PRATIC QUALITY



- Company carries out Lean Manufacturing and standardized operation of each production process.
- Company carries out QMS according to ISO 9001:2015 and machines are CE certified.

- To ensure the precision and quality of the machining centers, the machine beds and some other parts are processed by high-efficient and high-precise internationally introduced equipments and our gantry machines under the strict quality control.



- Imported inspecting instruments and multistage tests are carried out by professionally trained inspectors to ensure that customers receive machines of highest quality.



GLOBAL COOPERATION

Global Partners



Served Brands

