

GREE CNC PRODUCT
MANUAL

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COMPANY PROFILE

3C

Zhuhai Gree Intelligent Equipment Co., Ltd. is wholly owned by Gree Electric Appliances. It is a high-tech enterprise that specializes in R&D, manufacturing, sales and services of the industrial robots, automation equipment, high-grade CNC machine tools, intelligent warehousing & logistics and smart environmental protection equipment, etc.

The CNC products cover horizontal machining center, five-axis machine center, turning-milling machining center, graphite machining center, vertical machining center and drilling center, etc. We can provide full range of automated solutions and processing technics, which have been widely used in 3C digital products, automobile, mold processing, hardware and plastic fields.

From R&D to production, from quality to service, every technological innovation embodies our principle of persistence, and every piece of progress also reflects our good intentions. Gree Intelligent Equipment will constantly provide the customers with professional CNC processing solutions.

PRODUCT OVERVIEW



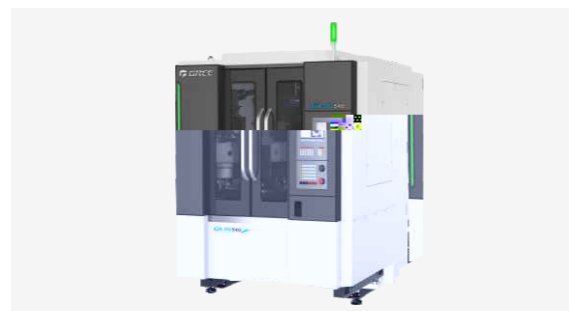
GA - FA 500
Five-axis Machining Center GA - FA 500



GA - UH630D
Horizontal Machining Center GA - UH630D



GA - TV 640
Drilling Center GA - TV 640



GA - DV 540
Vertical Machining Center GA - DV540



GA - MV 850
Vertical Machining Center GA - MV850



GA - MV 855- / /
Vertical Machining Center GA - MV855- / /



GA - MV 966
Vertical Machining Center GA - MV 966



GA - CV 960
Vertical Machining Center GA - CV 960



GA - MV 1160- / /
Vertical Machining Center GA - MV1160- / /

3C

GREE CNC products cover horizontal machining center, five-axis machine center, turning-milling machining center, graphite machining center, vertical machining center and drilling center, etc. We can also provide professional processing schemes for customers in 3C motor-dom, mold processing, hardware and plastics and any other fields.



GA - MV 1165
Vertical Machining Center GA - MV 1165



GA - MV 1370
Vertical Machining Center GA - MV 1370



GA - HM3020
Turning-Milling Machining Center GA-HM3020



GA - HM4050
Turning-Milling Machining Center GA - HM4050



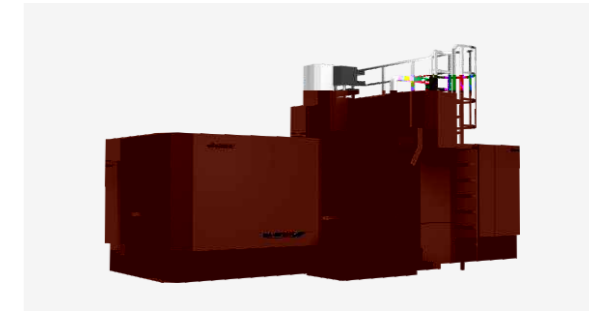
GA - MV 1580
Vertical Machining Center GA - MV 1580



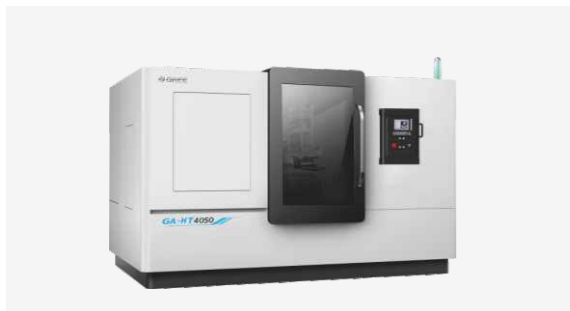
GA - MV 1890
Vertical Machining Center GA - MV 1890



GA - GF 2515
Gantry Machining Center GA - GF 2515



GA - GF 2517
Gantry Machining Center GA - GF 2517



GA - HT 4050
Horizontal CNC Lathe GA-HT4050



GA - HT 5070
Horizontal CNC Lathe GA-HT5070

From R&D to production
from quality to service
every technological innovation embodies our
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progress also reflects our good intentions.
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processing solutions.



Five-axis Machining Center GA-FA500

The high rigid structure design, the main body structure platform, dynamic and static characteristic optimization analysis

Mineral casting bed, good shock absorption, small vibration

Full closed-loop control

High speed, high precision, high stability,"

Full direct drive technology. Mainly suitable for impeller, knee joint, medical equipment, complex curved surface of the mold manufacturing.



Name	Item	Unit	Data
Stroke	X/Y/Z		
	X/Y/Z stroke	mm	500/630/450
Worktable	Size	mm	500
	Loading capacity	kg	500
Spindle	Max. spindle speed	rpm	20000
	Spindle power	kW	25
	Spindle torque	Nm	87
	Type of holder		HSK - A 63
A/C A/C axis	Distance from table to spindle end face	mm	140- 590
	A A-axis swing amplitude	°	+30-- 120
	C C-axis rotation degree	°	360
	A/C A/C axis torque	Nm	2182/985
	A/C A/C axis speed	rpm /min	90/100
	Move speed	X/Y/Z Fast move to X/Y/Z axis	m/min
Speed of cutting		mm/min	0- 20000
Tool and tool change	Tool magazine capacity	T	3
	Change time	s	1.1 (Without loose clamp)
	Change time (knife to knife)		Auto tool change
	Tool selection		Random tool change
CNC system	Largest cut	mm	230
	Maximum cut	kg	8
			HEIDENHAIN
Power source	Total power of the machine	kW	65
	Pneumatic supply of the machine	MPa	0.55MPa
Others	* * Machine size (L*W*H)	mm	3409X 3936X 3011
	Weight of the machine	kg	11000

Horizontal Machining Center GA-UH630D

Have automatic exchange workbench and two position horizontal machine center.

Have the roughing and finishing ability of turning, milling, boring, drilling, expanding, cutting, tapping and other processes

The driving system uses closed-loop with the screw driver and the grating ruler

60 HSK - A 100
ATC: 60 bit chain-type ATC, HSK - A 100 knives.

Be suitable for the processing of complex parts such as box parts, plates and molds

Mainly used in aerospace, automotive, mold, environmental protection and other fields



Name	Item	Unit	Data
Stroke	XX/Y/Z	mm	1000/800/900
	XX/Y/Z stroke		
Worktable	Size	mm	
	Loading capacity	kg	
	Max. spindle speed	rpm	
Spindle	Spindle power	kW	
	Spindle torque	Nm	
	Type of holder	HSK-A100	
	Distance from table to spindle end face		
Tool and tool change	XX/Y/Z		
	Fast move to XX/Y/Z axis		
	Speed of cutting		
	Tool magazine capacity		
	Change time (knife to knife)		
	Change method		Auto tool change
	Tool selection		Random tool change
	Largest cut		
	Maximum cut		
	CNC system		
Power source	Total power of the machine		
	Pneumatic supply of the machine		
Others	* * Machine size (L*W*H)		
	Weight of the machine		



Drilling Center GA-TV640

600mmX400mmX300mm 20000rpm
Have the stroke of 600mmX400mmX300mm, high performance 3 axis moving together

Apply the high stiffness ball thread and the linear track. Improve the moving speed

16 BT30
ATC: saucer type 16 bit ATC

Mainly used for the small type components fast cutting and high speed drilling and tapping, the mold with the complex shape, shape and surface manufacture

Name	Item	Unit	Data
Stroke	XYZ	mm	600/400/300
	XYZ stroke		
Worktable	Size	mm	700X400
	Loading capacity	kg	300
	Max. spindle speed	rpm	20000
Spindle	Spindle power	kW	4.8/5.5
	Spindle torque	Nm	10
	Type of holder		BT30
	Distance from table to spindle end face	mm	145-445
Move speed	XYZ Fast move to XYZ axis	m/min	48/48/48
	Speed of cutting	mm/min	1-10000
Tool and tool change	Tool magazine capacity	T	16
	Change time (knife to knife)	s	2
	Change method		Auto tool change
	Tool selection		Random tool change
	Largest cut	mm	200
CNC system	Maximum cut	kg	3
	CNC system		SIEMENS
Power source	Total power of the machine	kW	20
	Pneumatic supply of the machine	MPa	0.55
Others	* * Machine size (L*W*H)	mm	1900X2400X2500
	Weight of the machine	kg	3500

Vertical Machining Center GA-DV540

Adopt the gantry structure, mineral casting, stable mechanical properties, small vibration, high precision assurance

63M/min

The transmission system is driven by linear motion actuator with grating ruler close-cycle control. The moving speed is up to 70M/min

40 HSK - E 32/HSK - E 40
ATC: apply the bit circle ATC, knife chooses HSK - E 32/HSK - E 40

Mainly for the processing of high gloss graphite (used for mobile phone glass shell hot pressing mould)



Name	Item	Unit	Data
Stroke	XYZ	mm	480/400/230
	XYZ stroke		
Worktable	Size	mm	650X400
	Loading capacity	kg	200
	Max. spindle speed	rpm	36000/30000
Spindle	Spindle power	kW	3.5/5.5
	Spindle torque	Nm	2.8/4.5
	Type of holder		HSK E32/HSK E40
	Distance from table to spindle end face	mm	238-468
Move speed	XYZ Fast move to XYZ axis	m/min	63/30/45
	Speed of cutting	mm/min	0-20000
Tool and tool change	Tool magazine capacity	T	40/30
	Change time (knife to knife)	s	10
	Change method		Auto tool change
	Tool selection		Random tool change
CNC system	Largest cut	mm	120
	Maximum cut	kg	2.5
Power source	Total power of the machine	kW	25
	Pneumatic supply of the machine	MPa	0.6
Others	* * Machine size (L*W*H)	mm	1942X2181X2619
	Weight of the machine	kg	5500

Vertical Machining Center GA-MV850

800mmX500mmX500mm 12000rpm
800mmx500mmX500mm, the upper shaft speed of 12000rpm

Adopts the high rigidity imported taste rolling screw and rail, the speed is fast

Raw shaft, center water function, can milling, fine milling, fine chain, drilling, expanding, etc., optional

with the fourth axis, to achieve the four- axis linkage

24 BT 40
It adopts 24- bit M disc knife library, and the tool handle is BT 40

It is mainly suitable for processing complex parts such as plates, plates, molds and small and mediumsized shells



Name	Item	Unit	Data
Stroke	XYZ	mm	800/500/500
	XYZ stroke		
Worktable	Size	mm	1000X500
	Loading capacity	kg	500
	Max. spindle speed	rpm	12000
Spindle	Spindle power	kW	7.5/11
	Spindle torque	Nm	35.8/70
	Type of holder		BT40
	Distance from table to spindle end face	mm	110-610
	Fast move to XYZ axis	m/min	48/48/48
Move speed	Speed of cutting	mm/min	1-10000
	Tool magazine capacity	T	24
Tool and tool change	Change time (knife to knife)	s	4
	Change method		Auto tool change
	Tool selection		Random tool change
	Largest cut	mm	300
	Maximum cut	kg	8
CNC system			FANUC/SIEMENS
Power source	Total power of the machine	kW	20
	Pneumatic supply of the machine	MPa	0.55
Others	Machine size (L*W*H)	mm	3400X2950X2500
	Weight of the machine	kg	5000

Adopt imported ball screw and rail with high rigidity, the fast moving speed of three- wire machine is up to 36m/min

Power of belt spindle is 11/15kw with a maximum speed of 8000- 10000rpm

With a 24- bit BT40 disc knife library, mechanical arm for nearby knife

Can milling, precision milling, precision hammer, drilling, reaming, tapping, etc., optional with the fourth axis, to achieve the four- axis linkage

Mainly suitable for plate, plate, small and medium sized shell and mold and other complex parts processing

Three line machine medium speed heavy cutting steel processing, two line one hard machine low speed rough machining

It has the function of expanding automatic connection line and can realize automatic loading and unloading



XYZ
XYZ stroke

Size

Loading capacity

Max. spindle speed

Spindle power

Spindle torque

Type of holder

Distance from table to spindle end face

XYZ
Fast move to XYZ axis

Speed of cutting

Tool magazine capacity

Change time



Vertical Machining Center
GA-CV960

High speed and high rigidity wire rod rail, good rigidity, high speed

Mineral casting bed, good shock absorption, small vibration

Embedded circulating cooling waterway

Thermal error and comprehensive error compensation

Uniform lubrication control

Name	Item	Unit	Data
	X/Y/Z X/Y/Z stroke	mm	900/600/450
	Size	mm	600X1000
	Loading capacity	kg	800
	Max. spindle speed	rpm	20000
	Spindle power	kW	25
	Spindle torque	Nm	87
	Type of holder		HSK A63
	Distance from table to spindle end face	mm	150- 600
	X/Y/Z Fast move to X/Y/Z axis	m/min	30/30/30
	Speed of cutting	mm/min	1- 10000
	Tool magazine capacity	T	40
	Change time (knife to knife)	s	2
	Change method		
	Tool selection		
	Maximum tool diameter	mm	80
	Largest tool length	mm	300
	Knife diameter	mm	140
	Maximum tool cut	kg	8
			FANUC
	Total power of the machine	kW	50
	Pneumatic supply of the machine	MPa	0.55
	* * Machine Size (L*W*H)	mm	4600X3060X3010
	Weight of the machine	kg	12655

Vertical Machining Center GA-MV966

900mmX650mmX650mm 15000rpm
With the stroke of 900mmX650mmX650mm, the spindle speed of 15000rpm

Apply the high stiffness import ball thread and rail, improve the movement speed

The main shaft has the function with water flush. Could cut, grind, drill, large the hole and etc

Choose the 4th axis, achieve the 4- axis moving together

24 BT 40
Apply the 24 bit circle ATC, knife chooses BT 40

Mainly used for the plate, mold and other middle and small shell difficulty components



Name	Item	Unit	Data
Stroke	XYZ	mm	900/650/650
	XYZ stroke		
Worktable	Size	mm	1050X600
	Loading capacity	kg	600
	Max. spindle speed	rpm	15000
Spindle	Spindle power	kW	9/11
	Spindle torque	Nm	57.3/72
	Type of holder		BT40
	Distance from table to spindle end face	mm	200- 850
Move speed	XYZ Fast move to XYZ axis	m/min	36/36/30
	Speed of cutting	mm/min	1- 10000
	Tool magazine capacity	T	24
Tool and tool change	Change time (knife to knife)	s	4
	Change method		Auto tool change
	Tool selection		Random tool change
	Largest cut	mm	300
CNC system	Maximum cut	kg	8
	CNC system		FANUC
	Total power of the machine	kW	20
Power source	Pneumatic supply of the machine	MPa	0.55
	Machine size (L*W*H)	mm	2695X3250X2610
Others	Weight of the machine	kg	6000

Vertical Machining Center GA-MV1160

High rigidity roller rail and hard rail are adopted for high strength

24 BT40
Equipped with a 24-bit BT40 disc cutter library, and the mechanical arm knife is changed nearby

Optional with the fourth axis, the four-axis linkage

Big data application, with function modules of data collection and intelligent connection

With the function of expanding automatic connection line, it can realize automatic loading and unloading

Mainly applicable to the processing of molds, castings and other parts



Name	Item	Unit	Data
Stroke	XYZ	mm	1100/600/700
	XY/Z stroke		
Worktable	Size	mm	1200X600
	Loading capacity	kg	800
	Max. spindle speed	rpm	8000
Spindle	Spindle power	kW	11/18.5
	Spindle torque	Nm	52.5/118
	Type of holder		BT40
	Distance from table to spindle end face	mm	110- 810
	Fast move to XY/Z axis	m/min	30/30/16
Move speed	Speed of cutting	mm/min	1- 8000
	Tool magazine capacity	T	24
Tool and tool change	Change time (knife to knife)	s	4
	Change method		Dis-tool change
	Tool selection		Random tool change
	Largest cut	mm	300
	Maximum cut	kg	7
CNC system			FANUC/SIEMENS
Power source	Total power of the machine	kW	30
	Pneumatic supply of the machine	MPa	0.55
Others	Machine size (L*W*H)	mm	3200X 3100x2800
	Weight of the machine	kg	6000

BT 50- 190

Equipped with BT 50- 190 spindle for roughing the mold

24 BT 50

Apply the 24 bit BT 50 circle ATC , random tool change by manipulator

Apply the high stiffness rail and hard rail, with strong rigidity

Choose the 4th axis; achieve the 4- axis moving together.

Vertical Machining Center GA-MV1370

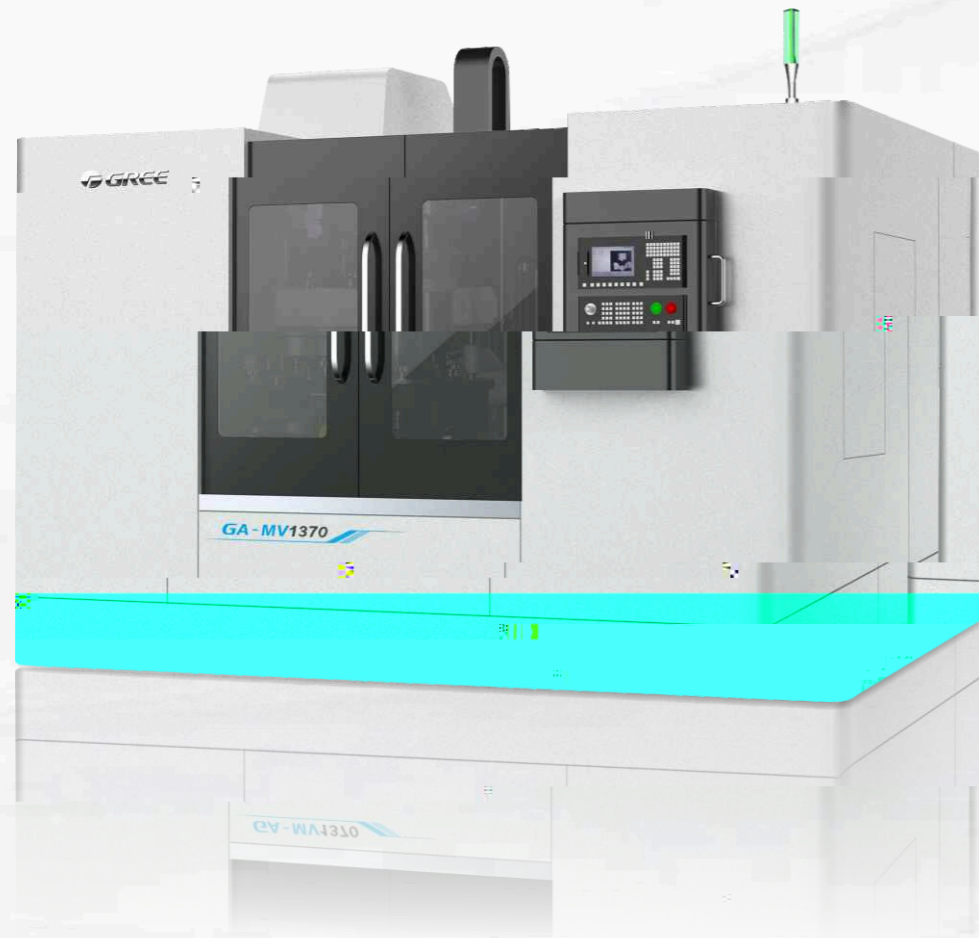
1300mmX700mmX700mm 8000rpm
With the stroke of 1300mmX700mmX700mm, the spindle speed of 8000rpm

X/Y Z
X/Y axis applies the high stiffness import ball thread and rail, improve the movement speed. Z axis applies the high stiffness hard railing, with better rigidity

24 BT40
Apply the 24 bit circle ATC, knife chooses BT40

Mainly used for the processing of large and medium- sized mold and casting, etc

Expanded automatic connection can realize automatic loading and unloading



Name	Item	Unit	Data
Stroke	XYZ	mm	1300/700/700
	XYZ stroke		
Worktable	Size	mm	1400X650
	Loading capacity	kg	1500
	Max. spindle speed	rpm	8000
Spindle	Spindle power	kW	11/18.5
	Spindle torque	Nm	52.5/118
	Type of holder		BT40
	Distance from table to spindle end face	mm	120- 820
Move speed	XYZ Fast move to XYZ axis	m/min	30/30/16
	Speed of cutting	mm/min	1- 10000
Tool and tool change	Tool magazine capacity	T	24
	Change time (knife to knife)	s	6
	Change method		Auto tool change
	Tool selection		Random tool change
	Largest cut	mm	300
CNC system	Maximum cut	kg	7
	CNC system		FANUC
Power source	Total power of the machine	kW	24
	Pneumatic supply of the machine	MPa	0.55
Others	* * Machine size (L*W*H)	mm	4911X3462X2800
	Weight of the machine	kg	10000

The logo for the Vertical Machining Center GA-MV1580. It features a blue vertical bar on the left, followed by the text "Vertical Machining Center" in a smaller, italicized font, and "GA-MV1580" in a large, bold, blue font.

Adopt hard railing design, good stiffness, large stroke, strong loading capacity

24 BT50
24 bit BT50 circle ATC, random knife change by manipulator

Y

The Y axis adopts a four- hard railing design, which can ensure the heavy load capacity during processing, effectively reduce the hanging deformation of the saddle and ensure the machining accuracy

Widely applied to the industries of molds, construction machinery, valves, rail transit and medical apparatus, etc

Vertical Machining Center GA-MV1890

Apply the 3-axis hard railing type, good stiffness, large stroke, strong loading. Could achieve big type components machining

THK
Japanese THK ball thread, perform the high precision of the manufacturing

Optional direct link machine, low late tone at high speed

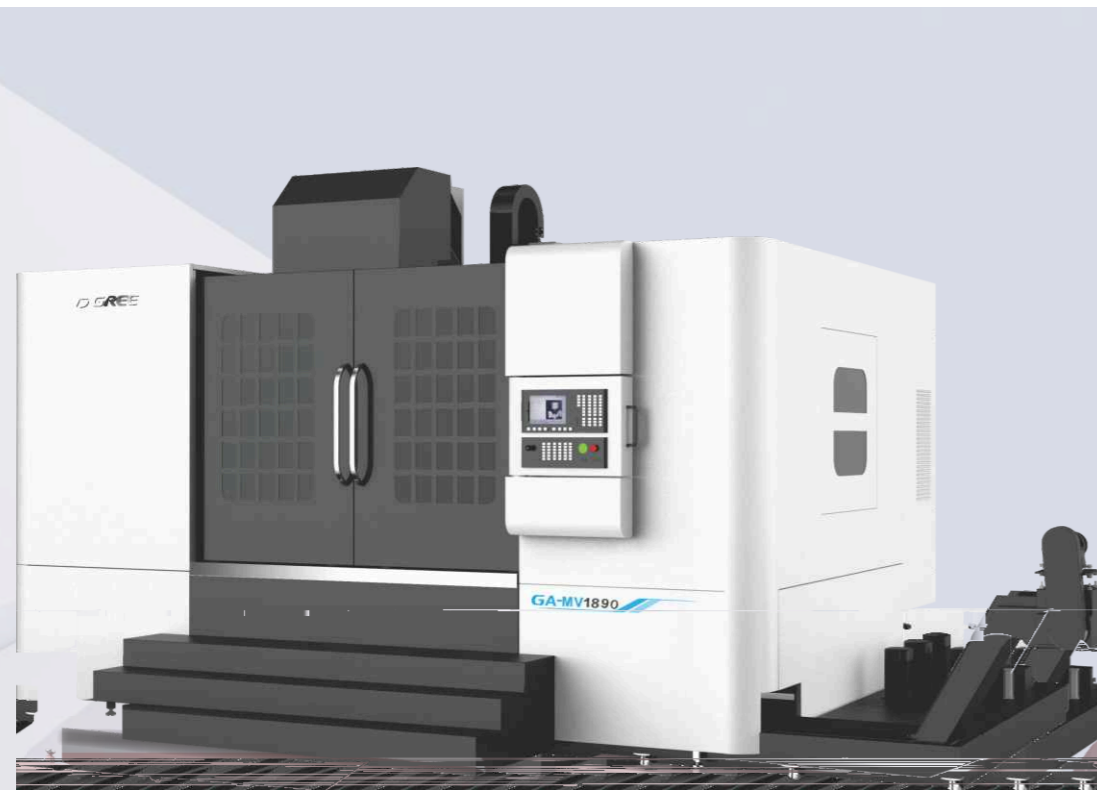
The big torque could guarantee the double cut function during the low speed. And also guarantee the high smoothness during the high speed

Could select the different system to satisfy the customer

Could choose the 4 or 5 axis for assembly

24 BT50 2.5s
ATC: 24 bit circle ATC, BT50 knife, 2.5s high speed transfer the knife

Mainly used for the plate manufacture, plates, molds, and middle size shells difficult components



Name	Item	Unit	Data
Stroke	XYZ	mm	1800/900/680
	XYZ stroke		
Worktable	Size	mm	2000X900
	Loading capacity	kg	1600
	Max. spindle speed	rpm	8000
Spindle	Spindle power	kW	15
	Spindle torque	Nm	71.6
	Type of holder		BT50
	Distance from table to spindle end face	mm	160- 840
Move speed	XYZ Fast move to XYZ axis	m/min	30/30/24
	Speed of cutting	mm/min	1- 10000
Tool and tool change	Tool magazine capacity	T	24
	Change time (knife to knife)	s	8
	Change method		Auto tool change
	Tool selection		Random tool change
	Largest cut	mm	350
	Maximum cut	kg	15
CNC system			SIEMENS
Power source	Total power of the machine	kW	36
	Pneumatic supply of the machine	MPa	0.55
Others	* * Machine size (L*W*H)	mm	6442X 3300X 3332
	Weight of the machine	kg	12000

Horizontal CNC Lathe GA-HT4050

400mm 500mm 4500rpm
 The second axis adopts the form of linear rail, which has good rigidity, large stroke and strong bearing capacity. Have the Maximum machining diameter of 400mm, and the Maximum processing length reached 500mm. The sleeve type spindle unit has the Maximum rotation rate of 4500rpm.

45° X Z 8μ m FAG 4μ m
 45° Using momobloc casting lathe bed to ensure its stiffness and stability . High quality precision drive parts such as imported liner rail and Rexroth original linear rail and FAG brand special screw bearing which imported from Germany , ensure the accuracy of machine. As a result, the positioning precision of X/Z axis is 8μ m and repositioning precision is 4μ m.

Widely used in turning of plate and axle parts of different industry such as Motor, E electronics, Shipbuilding and Aerospace



Name	Item	Unit	Data
Stroke	X/Z	mm	230/530
	X/Z stroke		
Spindle	Max. spindle speed	rpm	4500
	Spindle power	kW	9
	Spindle torque	Nm	85.5
	Hole through spindle	mm	61
	Spindle nose		A2-6 Belt- type mechanical spindle
Processing capacity	Max.. swing diameter	mm	450
	Max. turning length	mm	500
	Max. turning diameter	mm	400
Move speed	X/Z	m/min	30/30
	Fast move to X/Z axis		
Tool and tool change	Tool magazine capacity	T	8
	Change time (knife to knife)	s	0.4
	Change method		Auto tool change
	Tool holder		Hydraulic turret
Tailstock	Tool selection		Random tool change
	Tail spindle diameter	mm	80
	Tail spindle max. stroke	mm	120
	Guide rail stroke	mm	350
	Tail spindle taper		MT4
CNC system			SIEMENS
Power source	Total power of the machine	kW	20
	Pneumatic supply of the machine	MPa	≥0.55
Others	* * Machine size (L*W*H)	mm	3565x1753X 2210
	Weight of the machine	kg	3000

Horizontal CNC Lathe **GA-HT5070**

500mm 700
With the maximum machining diameter of 500mm and maximum machining length of 700mm

2500 350
Apply a large torque motor, the maximum speed and torque are 2500rpm and 350Nm respectively, can meet the machining needs of various workpieces

0.008mm 0.004mm
The positioning accuracy is 0.008mm, and the repeated positioning accuracy is 0.004mm

12 12
Equipped with a 12-inch chunk and 12 bit servo turret



Name	Item	Unit	Data
Stroke	X/Z	mm	275/780
	X/Z stroke		
Spindle	Max. spindle speed	rpm	2500
	Spindle power	kW	15
	Spindle torque	Nm	350
	Hole through spindle	mm	87
	Spindle nose		A 2-8 Belt- type mechanical spindle
Processing capacity	Max.. swing diameter	mm	580
	Max. turning length	mm	700
	Max. turning diameter	mm	500
Move speed	X/Z	m/min	24/24
	Fastmove to X/Z axis		
Tool and tool change	Tool magazine capacity	T	12
	Change time (knife to knife)	s	0.4
	Change method		Auto tool change
	Tool holder		Servo turret
Tailstock	Tool selection		Random tool change
	Tail spindle diameter	mm	80
	Tail spindle max. stroke	mm	100
	Guide rail stroke	mm	600
	Tail spindle taper		MT5
CNC system			GSK 988TA
Power source	Total power of the machine	kW	25
	Pneumatic supply of the machine	MPa	0.55
Others	* *	mm	4700X1990X2335
	Machine size (L*W*H)		
	Weight of the machine	kg	4000



Turning- Milling Machining Center
GA-HM3020



C
Spindle brake, high precision coaxial encoder, can achieve C axis indexing milling function

45°
45° integral casting lathe bed, has high rigidity, high stability

The workpiece Angle orientation device can automatically identify the workpiece Angle and feed according to the corresponding Angle

Design and implement the automatic double- sided machining of the parts of the truss manipulator

3C 5G
Can be widely used 3C, SG, automotive, aerospace and other industries turning processing

Name	Item	Unit	Data
Stroke	X/Z	mm	450/320
	X/Z stroke		
Spindle	Max. spindle speed	rpm	3500
	Spindle power	kW	7.5 5.5
	Spindle torque	Nm	72
	Hole through spindle	mm	56
	Spindle nose		A 2-5 Belt- type mechanical spindle
	Max.. swing diameter	mm	360
Processing capacity	Max. turning length	mm	180
	Max. turning diameter	mm	300
Move speed	X/Z	m/min	24/24
	Fast move to X/Z axis		
Tool and tool change	Tool carrier structure		Horizontal structure
			GSK 988TA
CNC system			
Power source	Total power of the machine	kW	12
	Pneumatic supply of the machine	MPa	0.55
Others	* *	mm	2270x2800X1790
	Machine size (L*W*H)		
	Weight of the machine	kg	2000

Turning- Milling Machining Center GA-HM4050

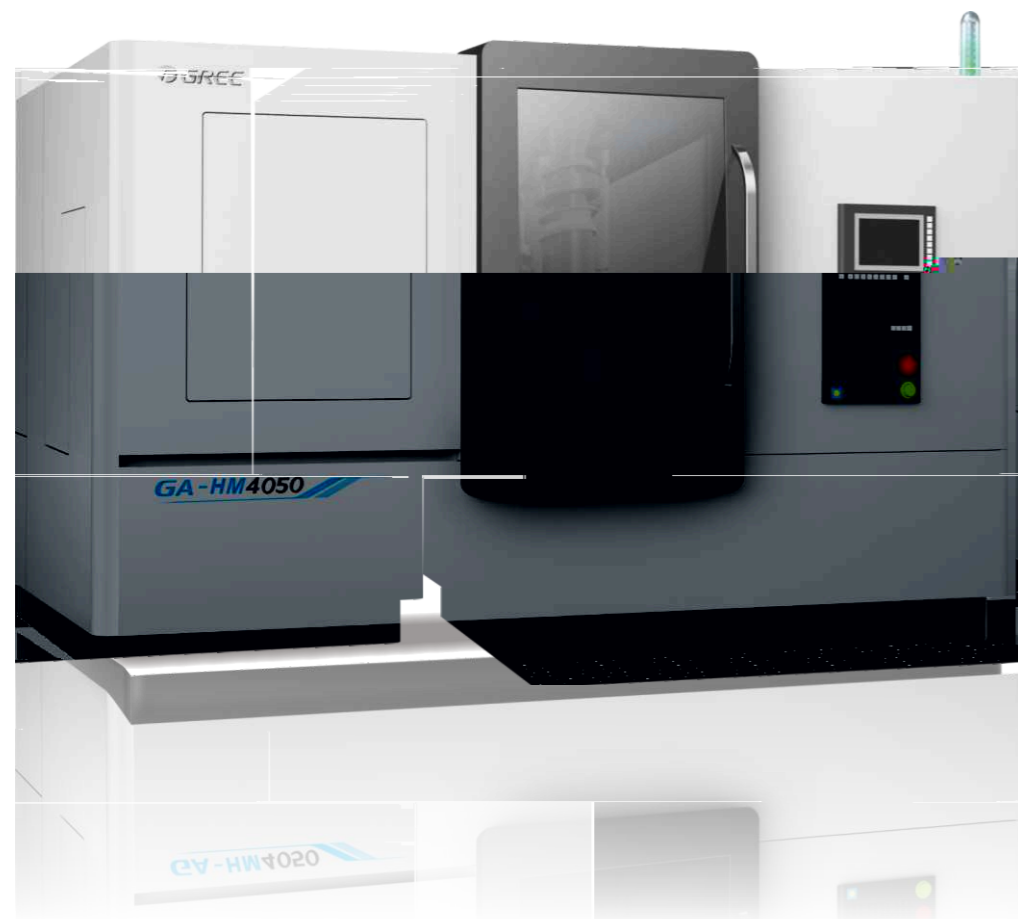
400mm 500mm, 4000rpm
The maximum machining diameter is 400mm, the maximum machining length is 500mm, the spindle speed is 4000rpm

Apply the high stiffness import ball thread and the track, improve the moving speed

Could turn, grind, drill and large the hole, etc. The cutter aligner can achieve automatic tool preset

Mainly used for precision machining of components and automatic machining of lines

12 5000rpm
12 bit power turret, the maximum speed of power head is 5000rpm



Name	Item	Unit	Data
Stroke	X/Z	mm	200/500
	X/Z stroke		
Spindle	Max. spindle speed	rpm	4500
	Spindle power	kW	11
	Spindle torque	Nm	180
	Hole through spindle	mm	61
	Spindle nose		A2-6 Belt- type mechanical spindle
Processing capacity	Max.. swing diameter	mm	530
	Max. turning length	mm	500
	Max. turning diameter	mm	400
Move speed	X/Z	m/min	24/24
	Fastmove to X/Z axis		
Tool and tool change	Tool magazine capacity	T	12
	Change time	s	0.4
	Change time (knife to knife)		Auto tool change
	Change method		Random tool change
Tailstock	Maximum cut	kg	3
	Tail spindle diameter	mm	72
	Tail spindle max. stroke	mm	80
	Guide rail stroke	mm	350
	Tail spindle taper		MT5
CNC system			SIEMENS
Power source	Total power of the machine	kW	20
	Pneumatic supply of the machine	MPa	0.55
Others	Floor area of the machine	mm	3865X1876X2335
	Weight of the machine	kg	3500

Gantry Machining Center
GA-GF2515

2500X1500X800 6000rpm
Have the stroke of 2500mmX1500mmX800mm, spindle speed 6000rpm

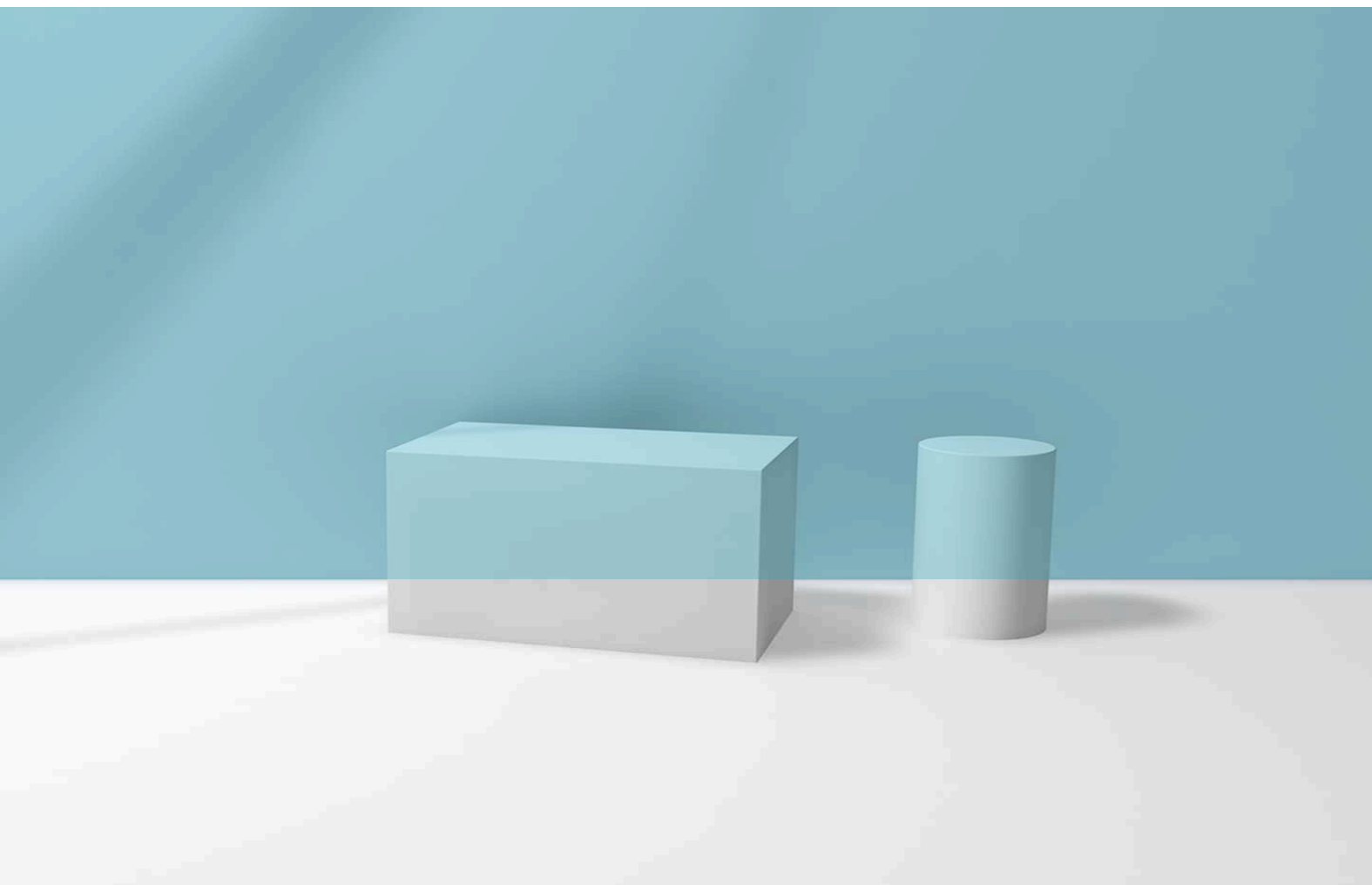
Apply the high stiffness import ball thread and linear rail. Improve the moving speed

The main shaft have the function with water flush, could achieve the high speed cutting

60 BT50
ATC: 60 bits horizontal ATC, transfer the knife automatically, knife chooses BT50

Can be used for milling, drilling, expanding, hinge and tapping, especially suitable for the processing of complex shapes of two or three dimensional concave convex models and complex cavity and surface

With universal head, right Angle first class function accessory, can undertake manual five face processing



Gantry Machining Center GA-GF2517

Integrative column beam, high rigidity and high stability

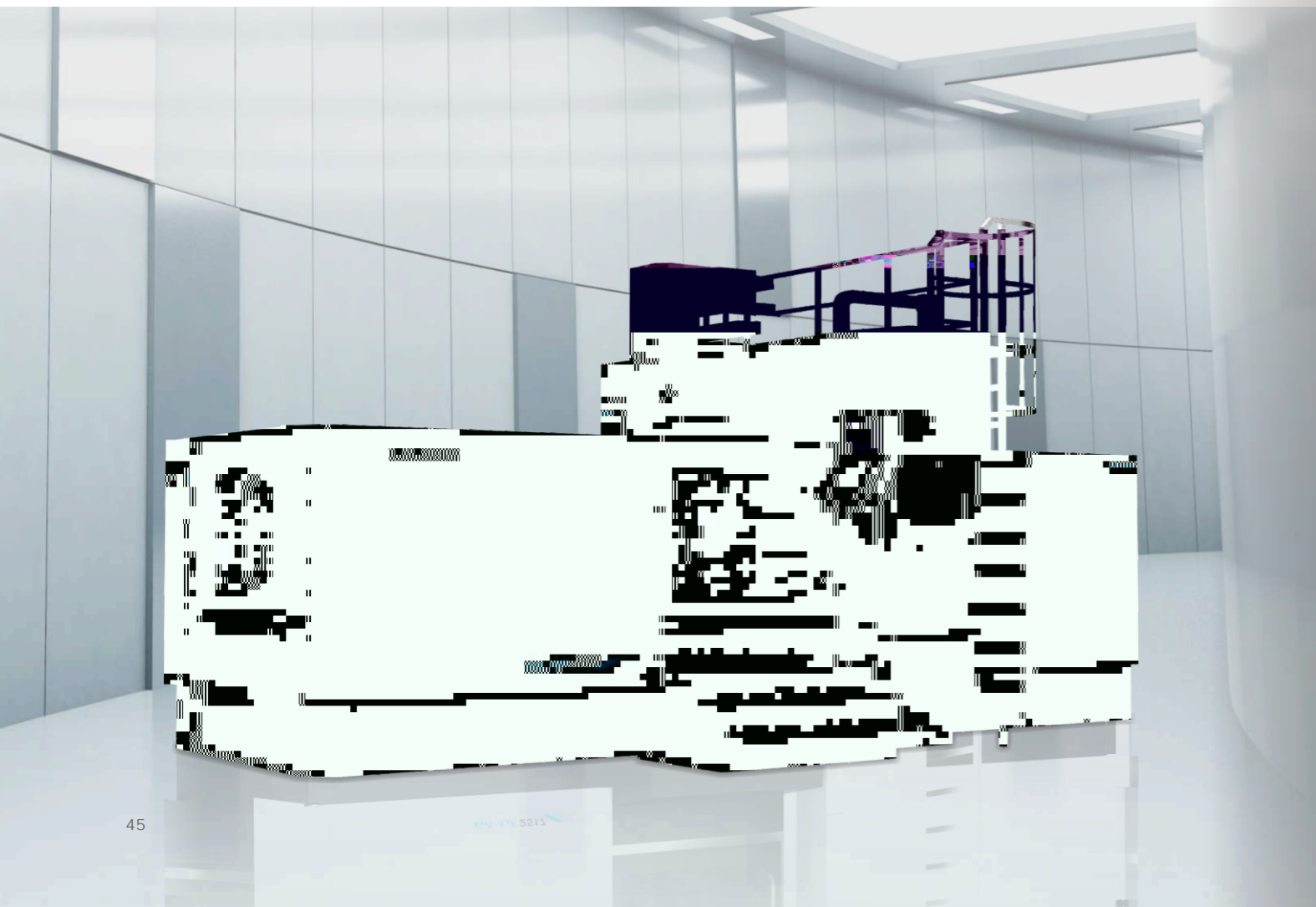
The stepped guide rail design can make the center of gravity of the beam carriage move backward, to reduce the overturning moment

The three-axis rail way has fast moving speed and high machining efficiency

The spindle can be changed to adapt to different machining speeds

Separately installed two-speed gears for high torque cutting

Z
Z
The Z axis applies a single-servo drive cylinder balance structure, the cost is lower than the hyperbolic structure



Name	Item	Unit	Data
Stroke	XYZ	mm	2500/1700/800
	XYZ stroke		
Worktable	Size	mm	1500X 2500
	Loading capacity	kg	8000
	Max. spindle speed	rpm	6000
Spindle	Spindle power	kW	22/26
	Spindle torque	Nm	750/886
	Type of holder		BT 50
	Distance from table to spindle end face	mm	160- 960
Move speed	XYZ	m/min	15/20/24
	Fast move to XYZ axis		
Tool and tool change	Speed of cutting	mm/min	1- 8000
	Tool magazine capacity	T	32
	Change time	s	14
	Change method		Auto tool change
CNC system	Tool selection		Random tool change
	Largest cut	mm	350
	Maximum cut	kg	20
Power source			SIEMENS
	Total power of the machine	kW	52
Others	Pneumatic supply of the machine	MPa	0.55
	Machine size (L*W*H)	mm	8000X 4900X 4000
	Weight of the machine	kg	23000

TECHNICAL SERVICE



After-sales Service



Professional service

The equipment is supported by skilled technicians from installation to use



24 Respond within 24 hours

Quick Respond to customer's failure repair, after-sales personnel will reach the site within 24 hours



Regular visit

Customer satisfaction is our pursuit of goal. Regular visit can further improve the products service



Nationwide service network

After-sales service outlets covering North China, East China, Southwest, South China, etc.

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