

性能特点 PERFORMANCE

- It is suitable for processing spare parts in automobile, ship, metallurgical mine, machine tool manufacture and other industries, especially in box type and complicated parts.
- This machine is a double-pallet precision horizontal machining center with a three-point support positive T-bed, fully closed-loop control, automatic table exchange, table automatic indexing, spindle speed stepless change, automatic tool change, etc.
- The machine has high efficiency, high precision, high rigidity, etc. It is a good equipment to improve the efficiency and flexibility of parts processing, and also good for large and medium batch parts processing.

Specifications	units	HMC630h	HMC800h
Table size	mm	630X630	800X800
Number of table	pc	2	2
Max. table load	kg	1200	2000
Minimum indexing unit	°	1	1
Max speed of turning table	rpm	11.1	16.7
X axis travel	mm	1100	1300
Y axis travel	mm	900	1100
Z axis travel	mm	1000	1200
Distance from the spindle center to table surface	mm	50-950	50-1150
Distance from the spindle nose to table center	mm	200-1200	200-1400
Max. Workpiece swing diameter	mm	φ 1000	φ 1200
Spindle taper	--	BT50	BT50
Max. Spindle speed	rpm	6000	6000
Main motor power	kW	22/26	22/26
Spindle torque	N.m	140/286	140/286
Max. Taping dia in casting	mm	M30	M30
Max taping dia in carbon steel	mm	M24	M24
X/Y/Z/B Servo motor power	kW	7/7/7/4	7/7/7/4
Tool magazine type	--	arm type	arm type
Tool magazine capacity	pcs	45	45
Max. Tool dia(full/empty)	mm	125/250	125/250
Max tool length	mm	400	400
Max. Tool weight	kg	25	25
Min. Time of tool exchange (T-T)	s	3.7	3.7
Rapid feed speed (X/Y/Z)	mm/min	60000/60000/60000	48000/48000/48000
Cutting feed speed (X/Y/Z)	mm/min	1-12000/1-12000/1-12000	1-12000/1-12000/1-12000
Positioning accuracy (X/Y/Z)	mm	0.006/0.006/0.006	0.006/0.006/0.006
Positioning accuracy (B)	"	8	8
Repeat positioning accuracy (X/Y/Z)	mm	0.003/0.003/0.003	0.003/0.003/0.003
Re-positioning accuracy (B)	"	2	2
Power capacity	kVA	50	50
Machine weight	kg	20000	23000
Overall dimensions	mm	6300X4300X3500	8300X4500X3800

HMC800h 精密卧式加工中心

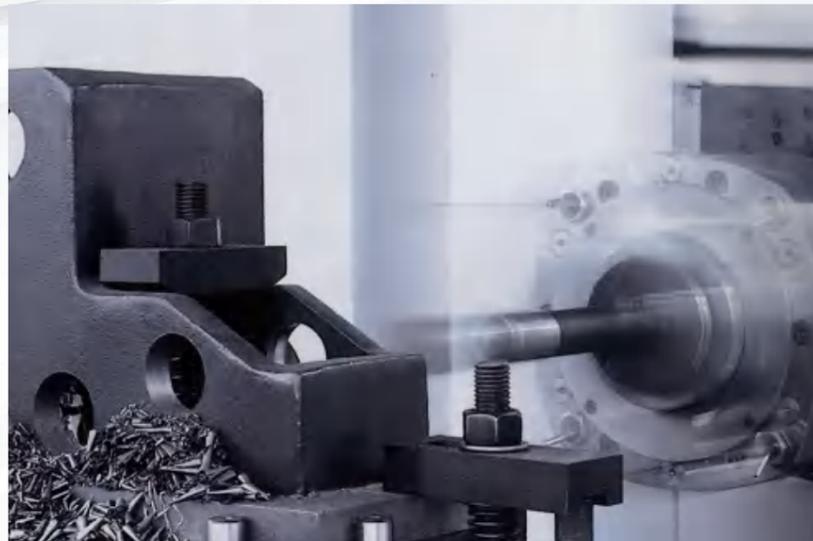
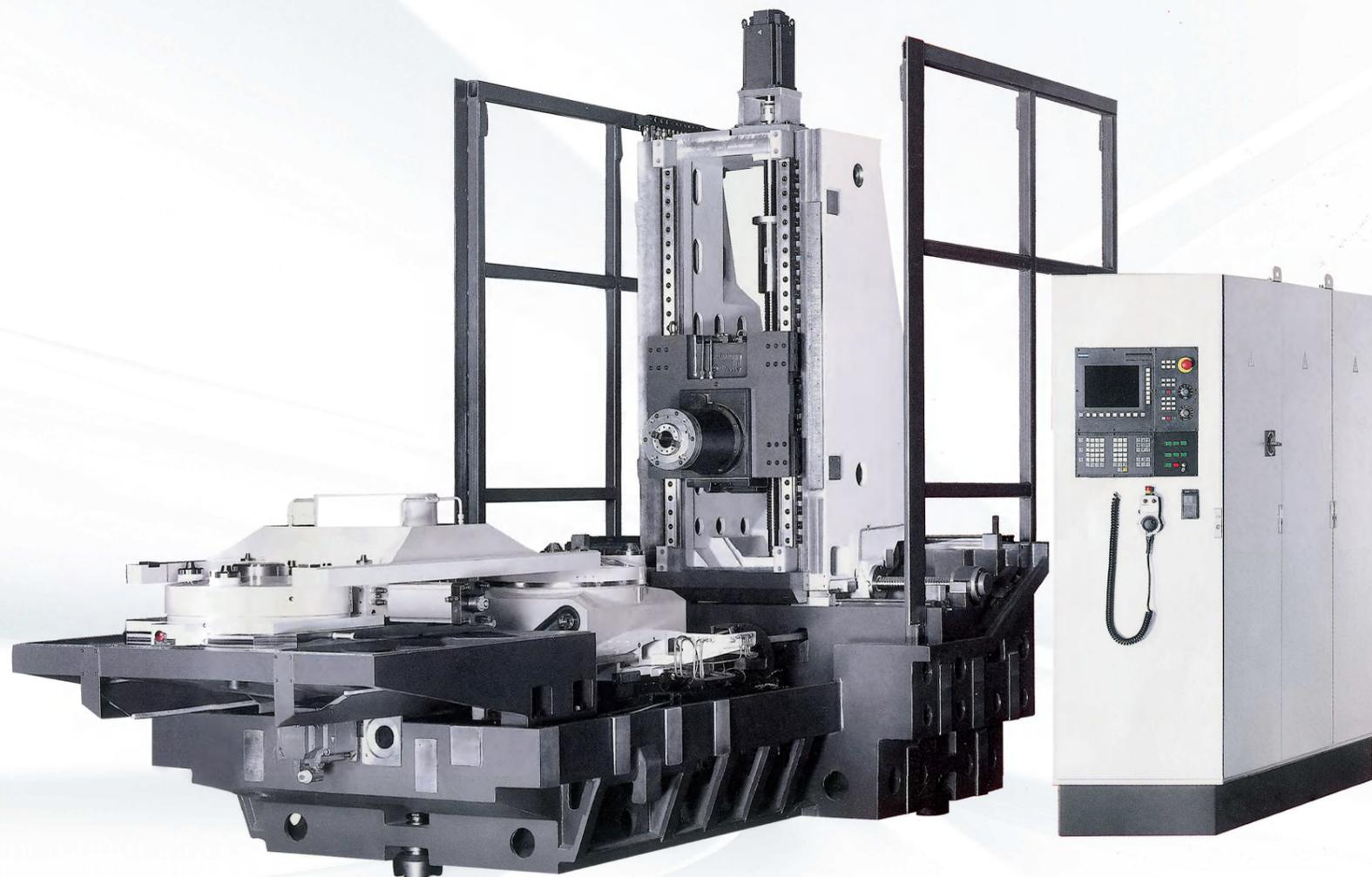
HMC630h

标准配置 STANDARD

- FANUC 0i-MF PLUS or Siemens 828D CNC controller
- Max. Spindle speed 6000rpm
- Germany ZF Gear box
- 45pcs arm type tool magazine
- All axis with Heidenhain linear scales
- Constant temperature oil cooling for spindle and gear box
- Double pallet exchange worktable
- 3 axis hollow type ball screw with oil cooling

选择配置 OPTION

- Siemens one, Fanuc 31i CNC controller
- Germany Kessler electric spindle
- Spindle internal cooling



Spindle center cooling

It adopts an adjustable temperature oil cooling circulation device in the spindle core and sleeve parts which can inhibit the thermal changes caused by heat in these parts and make sure machining accuracy.

Hollow ball screw

The cooling oil is circulated through ball screw shaftcore to suppress the impact of heating on the lead screw and the servo motor rapidly during high-speed feeding, to realize a stable machining accuracy.

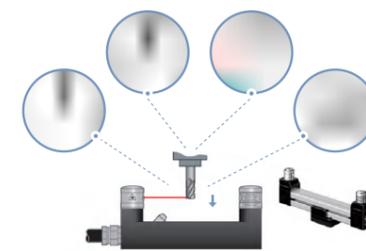


Adopting precision heavy-duty linear guide way

With high stability, high rigidity, and durability, it can not only achieve high-speed, durable, and smooth movement, but also have the characteristics of maintaining good accuracy and high-quality processing.

Linear axis and rotary axis are equipped with high-precision linear scales as standard.

Installation of high-precision scales on all X, Y, Z and B axes to avoid the influence of thermal displacement on machining accuracy by detecting the absolute position.



Tool length measurement by Laser

It can achieve micro tool length measurement that traditional contact-type tool length measuring instruments cannot complete. The non-contact measurement is working by using a laser beam, the tool length and diameter are measured according to the actual processing tool rotations to ensure stable accuracy.



HMC500 正T型卧式加工中心

HMC1000

SINGLE/DOUBLE POSITIONS HORIZONTAL MACHINING CENTER

性能特点 PERFORMANCE

- Suitable for complex parts processing such as box parts, disk parts and molds. It is the ideal processing equipment for aviation, aerospace, military, automobile, environmental protection, mold, valve body and other industries.
- Positive T-type bed structure, large travel on three axes, wide machining range
- Movable column, positive hanging spindle box, compact overall machine structure, little thermal deformation, high rigidity, high precision

标准配置 STANDARD

- Fanuc 0i-MF Plus CNC controller
- 40pcs chain type tool magazine/30pcs arm type tool magazine
- Auto chip conveyor
- Taiwan 6000rpm spindle

选择配置 OPTION

- Siemens 828D control system
- Germany ZF gear box/Italy BF gear box
- Tool internal cooling system
- Arbitrary indexing rotary table

Specifications	units	HMC500	HMC500 (double positions)	HMC1000	HMC1000 (double positions)
Table size	mm	500X500	500X500	1000X1000	1000X1000
Number of table	pc	1	2	1	2
Max.table load	kg	500	500	3000	3000
Minimum indexing unit	°	1	1	1	1
Max speed of turning table	rpm	16.7	16.7	11.1	11.1
X axis travel	mm	800	800	1700	1700
Y axis travel	mm	650	650	1350	1350
Z axis travel	mm	800	800	1400	1400
Distance from the spindle center to table surface	mm	50-700	50-700	50-1400	50-1400
Distance from the spindle nose to table center	mm	150-950	150-950	300-1700	300-1700
Max. Workpiece swing diameter	mm	φ 800	φ 800	φ 1600	φ 1600
Spindle taper	--	BT50	BT50	BT50	BT50
Max. Spindle speed	rpm	5000	5000	5000	5000
Main motor power	kW	15/18.5	15/18.5	22/26	22/26
Spindle torque	N.m	191/235	191/235	770/1226	770/1226
Max. Taping dia in casting	mm	M24	M24	M36	M36
Max taping dia in carbon steel	mm	M20	M20	M30	M30
XY/Z Servo motor power	kW	3/3/3	3/3/3	7/7/7/4	7/7/7/4
Tool magazine type	--	arm type	arm type	chain type	chain type
Tool magazine capacity	pcs	24	24	40	40
Max. Tool dia(full/empty)	mm	125/250	125/250	125/350	125/350
Max tool length	mm	400	400	600	600
Max. Tool weight	kg	25	25	35	35
Tool change time (T-T)	s	3.7	3.7	4.5	4.5
Rapid feed speed (X/Y/Z)	mm/min	48000/48000/48000	48000/48000/48000	24000/24000/24000	24000/24000/24000
Cutting feed speed (X/Y/Z)	mm/min	1-12000/1-12000/1-12000	1-12000/1-12000/1-12000	-12000/1-12000/1-12000	-12000/1-12000/1-12000
Positioning accuracy (X/Y/Z)	mm	0.010/0.010/0.010	0.010/0.010/0.010	0.010/0.010/0.010	0.010/0.010/0.010
Positioning accuracy (B)	"	10	10	10	10
Repeat positioning accuracy (X/Y/Z)	mm	0.005/0.005/0.005	0.005/0.005/0.005	0.005/0.005/0.005	0.005/0.005/0.005
Repeat positioning accuracy (B)	"	2	2	2	2
Power capacity	kVA	40	40	50	55
Machine weight	kg	9000	10000	22000	25000
Overall dimensions	mm	5200X4100X3200	6200X4100X3200	6700X4500X3800	8500X4700X3800

Specifications	units	HMC1000w	HMC1200w
Table size	mm	1000X1000	1200X1200
Number of table	pc	1	1
Max.table load	mm	3000	5000
Minimum indexing unit	°	1	1
Max speed of turning table	rpm	11.1	5.5
X axis travel	mm	1600	2000
Y axis travel	mm	1200	1500
Z axis travel	mm	1300	1300
W axis travel	mm	500	500
W-axis diameter	mm	φ 110	φ 110
Distance from the spindle center to table surface	mm	80-1280	30-1530
Distance from the spindle nose to table center	mm	-150-1650	-150-1650
Max. Workpiece swing diameter	mm	φ 2000	φ 2200
Spindle taper	--	BT50	BT50
Max. spindle speed	rpm	2000	2000
Main motor power	kW	22/30	22/30
Spindle torque	N.m	957/1300	957/1300
Max. tapping dia in casting	mm	M42	M42
Max tapping dia in carbon steel	mm	M36	M36
X/Y/Z/B servo motor power	kW	7/7/7/4	7/7/7/4
Tool magazine type	--	Hydraulic swing chain type	Hydraulic swing chain type
Tool magazine capacity	pcs	40	40
Max. tool dia(full/empty)	mm	125/250	125/250
Max tool length	mm	400	400
Max. tool weight	kg	25	25
Min. time of tool exchange (T-T)	s	15	15
Rapid feed speed (X/Y/Z/W)	mm/min	18000/18000/18000/6000	18000/18000/18000/6000
Cutting feed speed (X/Y/Z/W)	mm/min	1-5000/1-5000/1-5000/1-5000	1-5000/1-5000/1-5000/1-5000
Positioning accuracy (X/Y/Z/W)	mm	0.020/0.015/0.015/0.010	0.020/0.015/0.015/0.010
Positioning accuracy (B)	"	10	10
Repeat positioning accuracy (X/Y/Z)	mm	0.012/0.010/0.010/0.006	0.012/0.010/0.010/0.006
Repeat positioning accuracy (B)	"	2	2
Power capacity	kVA	65	65
Machine weight	kg	25000	27000
Overall dimensions	mm	7100X4500X4100	7300X5050X4600

HMC1000w 卧式镗铣中心

HMC1200w

CNC HORIZONTAL BORING MILLING CENTER



性能特点 PERFORMANCE

- The X, Y and Z axis all adopt high strength roller linear guideway to ensure high rigidity of movement and positioning accuracy.
- The X,Y,Z three-axis rapid speed is 18m/min which is suitable for boring and milling of large box-type parts and for finishing of large molds.
- The main transmission uses an integrated two-speed gearbox and a hydraulic speed change mechanism to enable cutting in high speed full power and low speed high torque requirements.
- W-axis and main transmission gears, and bearings are equipped with a constant temperature oil cooling system to ensure constant accuracy and maintain product life.

标准配置 STANDARD

- FANUC 0i-MF PLUS CNC controller
- Two gear step gear box
- 40 pcs horizontal hydraulic tool magazine
- Constant temperature oil cooling
- Full protection

选择配置 OPTION

- Siemens 828D CNC controller
- High pressure cooling through spindle
- Table indexing 0.001°
- Heidenhain or Fagor linear scale

性能特点 PERFORMANCE

- It is suitable for processing spare parts in aerospace, automatic, mold-making, environmental protection equipment, valve and other industries, especially for box & disc type and complicated parts
- Inverted T type with large travel in three axes and wide machining range
- Mobile vertical hanging, positive hanging spindle box, the overall structure of the machine is compact, small thermal deformation, high rigidity, and high precision

标准配置 STANDARD

- Fanuc 0i-MF Plus CNC controller
- 40 pcs chain type tool magazine
- One-piece gear box
- Constant oil coolant

选择配置 OPTION

- Siemens 828D CNC controller
- Germany ZF gear box/Italy BF gear box
- Tool variable pressure internal cooling system
- 60 pcs chain type tool magazine
- Heidenhain or Fagor linear scale

Specifications	units	HMC1000D	HMC1200D
Table size	mm	1000X1000	1200X1200
Number of table	pc	1	1
Max.table load	kg	3000	5000
Minimum indexing unit	°	1	1
Max speed of turning table	rpm	11.1	5.5
X axis travel	mm	1600	2000
Y axis travel	mm	1200	1500
Z axis travel	mm	1300	1300
Distance from the spindle center to table surface	mm	50-1250	0-1500
Distance from the spindle nose to table center	mm	350-1650	350-1650
Max. Workpiece swing diameter	mm	φ 2000	φ 2200
Spindle taper	--	BT50	BT50
Max. spindle speed	rpm	3000	3000
Main motor power	kW	22/30	22/30
Spindle torque	N.m	770/1050	770/1050
Max. tapping dia in casting	mm	M36	M36
Max tapping dia in carbon steel	mm	M30	M30
X/Y/Z/B servo motor power	kW	7/7/7/4	7/7/7/4
Tool magazine type	--	Hydraulic swing chain type	Hydraulic swing chain type
Tool magazine capacity	pcs	40	40
Max. tool dia(full/empty)	mm	125/250	125/250
Max tool length	mm	400	400
Max. tool weight	kg	25	25
Min. time of tool exchange (T-T)	s	15	15
Rapid feed speed (X/Y/Z)	mm/min	18000/18000/18000	18000/18000/18000
Cutting feed speed (X/Y/Z)	mm/min	1-10000/1-10000/1-10000	1-10000/1-10000/1-10000
Positioning accuracy (X/Y/Z)	mm	0.020/0.015/0.015	0.020/0.015/0.015
Positioning accuracy (B)	"	10	10
Repeat positioning accuracy (X/Y/Z)	mm	0.008/0.008/0.008	0.008/0.008/0.008
Repeat positioning accuracy (B)	"	2	2
Power capacity	kVA	60	60
Machine weight	kg	24000	26000
Overall dimensions	mm	7160X4760X4100	7300X5050X4600



HMC1000D 倒T型卧式加工中心

HMC1200D

CNC HORIZONTAL MACHINING CENTER



Spindle gear transmission

Through hydraulic shift changing automatically, it can realize two steps' speed changing, each shift is with stepless speed, the whole system is simple and reliable.



卧式加工中心

HMC800D

CNC HORIZONTAL MACHINING CENTER

性能特点 PERFORMANCE

- Inverted T type horizontal machining center with high spindle speed, strong rigidity and big torque
- It is suitable for processing various types of box parts in two- and three-dimensionals surface
- It is a key equipment for machining box parts in machinery ,automobile, ship, textile machinery, printing machinery, agricultural machinery and other industries

标准配置 STANDARD

- Fanuc 0i-MF PLUS
- One-piece gear box
- Max. Spindle speed 3000rpm,suit for heavy cutting
- 30pcs arm type tool magazine
- Spindle and gear box constant oil cooling

选择配置 OPTION

- Siemens 828D CNC controller
- Table indexing 0.001°
- Spindle internal cooling
- Germany ZF gear box/Italy BF gear box
- Two positions reciprocating exchange system
- Heidenhain or Fagor linear scale

Specifications	units	HMC800D
Table size	mm	800X800
Number of table	pc	1
Max.table load	kg	2000
Minimum indexing unit	°	1
Max speed of turning table	rpm	12.5
X axis travel	mm	1250
Y axis travel	mm	1000
Z axis travel	mm	1000
Distance from the spindle center to table surface	mm	80-1080
Distance from the spindle nose to table center	mm	150-1150
Max. Workpiece swing diameter	mm	φ 1600
Spindle taper	--	BT50
Max. Spindle speed	rpm	3000
Main motor power	kW	15/18.5
Spindle torque	N.m	540/860
Max. Taping dia in casting	mm	M32
Max taping dia in carbon steel	mm	M28
X/Y/Z/B Servo motor power	kW	3/3/3/3
Tool magazine type	--	arm type
Tool magazine capacity	pcs	30
Max. Tool dia(full/empty)	mm	125/220
Max tool length	mm	400
Max. Tool weight	kg	25
Min. Time of tool exchange (T-T)	s	5
Rapid feed speed (X/Y/Z)	mm/min	24000/24000/24000
Cutting feed speed (X/Y/Z)	mm/min	1-10000/1-10000/1-10000
Positioning accuracy (X/Y/Z)	mm	0.010/0.010/0.010
Positioning accuracy (B)	"	10
Repeat positioning accuracy (X/Y/Z)	mm	0.006/0.006/0.006
Repeat positioning accuracy (B)	"	2
Power capacity	kVA	35
Machine weight	kg	17000
Overall dimensions	mm	6000X4000X3600

性能特点 PERFORMANCE

- Inverted T type horizontal machining center with high spindle speed, strong rigidity and big torque
- It is suitable for processing various types of box parts in two- and three-dimensionals surface
- It is a key equipment for machining box parts in machinery ,automobile, ship, textile machinery, printing machinery, agricultural machinery and other industries

标准配置 STANDARD

- Fanuc 0i-MF PLUS
- One-piece gear box
- Max. Spindle speed 3000rpm, suitable for low speed heavy cutting
- 30pcs arm type tool magazine
- Spindle and gear box constant oil cooling

选择配置 OPTION

- Siemens 828D CNC controller
- Table indexing 0.001°
- Spindle internal cooling
- Germany ZF gear box/Italy BF gear box
- Two positions reciprocating exchange system
- Heidenhain or Fagor linear scale

Specifications	units	HMC630D
Table size	mm	630X630
Number of table	pc	1
Max.table load	kg	1200
Minimum indexing unit	°	1
Max speed of turning table	rpm	16.6
X axis travel	mm	1000
Y axis travel	mm	800
Z axis travel	mm	800
Distance from the spindle center to table surface	mm	100-900
Distance from the spindle nose to table center	mm	150-950
Max. Workpiece swing diameter	mm	φ 1400
Spindle taper	--	BT50
Max. Spindle speed	rpm	3000
Main motor power	kW	15/18.5
Spindle torque	N.m	540/860
Max. Taping dia in casting	mm	M32
Max taping dia in carbon steel	mm	M28
X/Y/Z/B Servo motor power	kW	3/3/3/2.5
Tool magazine type	--	arm type
Tool magazine capacity	pcs	24
Max. Tool dia(full/empty)	mm	125/220
Max tool length	mm	350
Max. Tool weight	kg	25
Min. Time of tool exchange (T-T)	s	5
Rapid feed speed (X/Y/Z)	mm/min	24000/24000/24000
Cutting feed speed (X/Y/Z)	mm/min	1-10000/1-10000/1-10000
Positioning accuracy (X/Y/Z)	mm	0.010/0.010/0.010
Positioning accuracy (B)	"	10
Repeat positioning accuracy (X/Y/Z)	mm	0.005/0.005/0.005
Repeat positioning accuracy (B)	"	2
Power capacity	KVA	35
Machine weight	kg	15000
Overall dimensions	mm	5800X3700X3170



Spindle gear transmission

Through hydraulic shift changing automatically, it can realize two steps' speed changing, each shift is with stepless speed, the whole system is simple and reliable.



卧式加工中心

HMC630D

CNC HORIZONTAL MACHINING CENTER

HMC800D 双工位卧式加工中心

HMC630D

CNC DOUBLE POSITIONS HORIZONTAL MACHINING CENTER

Spindle gear transmission

Through hydraulic shift changing automatically, it can realize two steps' speed changing, each shift is with stepless speed, the whole system is simple and reliable.



性能特点 PERFORMANCE

- Inverted T type horizontal machining center with high spindle speed, strong rigidity and big torque
- Spindle is with cooling circulation system, two positions exchange system can decrease auxiliary time and improve the processing efficiency
- It is suitable for processing various types of box parts and two-dimensional and three-dimensionals surface
- It is a key equipment for machining box parts in machinery, automobile, ship, textile machinery, printing machinery, agricultural machinery and other industries.

标准配置 STANDARD

- Fanuc 0i-MF PLUS
- Max.spindle speed 3000rpm, use one-piece gear box
- 24/30 pcs arm type tool magazine
- Spindle and gear box constant oil cooling

选择配置 OPTION

- Siemens 828D CNC controller
- Table indexing 0.001°
- Spindle internal cooling
- Germany ZF gear box/Italy BF gear box
- Heidenhain or Fagor linear scale

Specifications	units	HMC630D	HMC800D
Table size	mm	800X800	1000X1000
Number of table	pc	2	2
Workstation exchange type	--	Reciprocal exchange	Reciprocal exchange
Workstation exchange time	s	45	55
Max.table load	kg	1200	2000
Minimum indexing unit	°	1	1
Max speed of turning table	rpm	22.2	16.67
X axis travel	mm	1000	1250
Y axis travel	mm	800	1000
Z axis travel	mm	800	900
Distance from the spindle center to table surface	mm	100-900	0-1000
Distance from the spindle nose to table center	mm	150-950	250-1150
Max. Workpiece swing diameter	mm	φ 1000	φ 1400
Spindle taper	--	BT50	BT50
Max. Spindle speed	rpm	3000	3000
Main motor power	kW	15/18.5	15/18.5
Spindle torque	N.m	540/860	540/860
Max. Taping dia in casting	mm	M32	M32
Max taping dia in carbon steel	mm	M28	M28
X/Y/Z/B Servo motor power	kW	3/3/3/2.5	3/3/3/3
Tool magazine type	--	arm type	arm type
Tool magazine capacity	pcs	24	30
Max. Tool dia(full/empty)	mm	125/220	125/220
Max tool length	mm	350	350
Max. Tool weight	kg	25	25
Min. Time of tool exchange (T-T)	s	5	5
Rapid feed speed (X/Y/Z)	mm/min	24000/24000/24000	24000/24000/24000
Cutting feed speed (X/Y/Z)	mm/min	1-10000/1-10000/1-10000	1-10000/1-10000/1-10000
Positioning accuracy (X/Y/Z)	mm	0.010/0.010/0.010	0.010/0.010/0.010
Positioning accuracy (B)	"	10	10
Repeat positioning accuracy (X/Y/Z)	mm	0.005/0.005/0.005	0.005/0.005/0.005
Repeat positioning accuracy (B)	"	2	2
Power capacity	kVA	35	40
Machine weight	kg	16500	18500
Overall dimensions	mm	6300X3700X3170	7300X3700X3460

性能特点 PERFORMANCE

- Fully automatic differential universal milling head, which can be adapted to the machining of workpieces with various angles.
- There axes rapid feed speed are 40m/min, which can improve the working efficiency.
- High precision roller linear guideways are used in all three axes to ensure the precision and rigidity of the machine.
- The special design of double screws and double balance bars ensures the geometric accuracy of the ram
- The main gearbox at the center, which reduces the coupling length and improves transmission efficiency.
- Frame-in-frame column slide structure, has fully symmetrical design, good thermal stability, and high precision retention.
- Integral skateboard, double-layer fascia layout, sufficient rigidity
- Cross-orthogonal arrangement of four-line rails of ram, reasonable force and small deformation.

标准配置 STANDARD

- Fully automatic universal milling head
- Three axis linear scales
- FANUC CNC control system
- Horizontal chain type chip conveyor
- 32 pcs chain type tool magazine
- Follow-along type operator room

选择配置 OPTION

- Siemens CNC control system
- Laser tool setter
- Automatic workpiece measuring systems
- 40pcs chain type tool magazine
- Full protection

	Specifications	units	HMF2040
Worktable	Table size	mm	1600 × 4000
	Max. table load	t/m ²	5
Processing range	Maximum column travel - X-axis	mm	4000
	Maximum travel of the slide plate - Y-axis	mm	2000
	Maximum ram travel - Z-axis	mm	1000
Spindle	Spindle taper		BT50
	Max. Spindle speed	r/min	3000
	Rated output torque	N · m	1000
	Main motor power	kW	22/26
	Min. indexing unit for pentahedral heads	°	1
Feed system	Cutting feed speed(X/Y/Z)	mm/min	1-20000
	Rapid feed speed(X/Y/Z)	mm/min	40000
Tool magazine	Tool magazine type		Chain type
	Tool magazine capacity	T	32
	Max. Tool dia (full/empty)	mm	120/250
	Max. Tool length	mm	400
	Max. Tool weight	kg	25
Positioning accuracy	X	mm	0.02
	Y	mm	0.01
	Z	mm	0.01
Repeat positioning accuracy	X	mm	0.005
	Y	mm	0.005
	Z	mm	0.005
CNC control system	Model		FANUC 0I MF



落地式五面加工中心

HMF2040

FLOOR-STANDING FIVE-FACE MACHINING CENTER

性能特点 PERFORMANCE

- The machine guideway adopts roller-slip composite guideway, the guideway surface is Plastic pasted + original imported rolling body, high precision and small friction, good vibration absorption.
- The spindle box is an one-piece gear box, which can ensure the rigidity and high output torque, and the boring shaft can be extended for deep hole machining.
- Equipped with 40T broken-rail tool magazine, which can realise rapid tool change and improve the machining efficiency.
- Spindle bearings and main drive system gears are cooled by a high-power oil cooler to reduce thermal deformation of the spindle and ensure the machining accuracy.
- The machine is equipped with a Siemens SINUMERIK 828D CNC control system
- The machine is equipped with a spiral chip conveyor + chain chip conveyor as standard, which enables fully automatic chip removal from the machine.
- Suitable for various machining fields such as automotive industry, mould industry, machine manufacturing industry, etc.

标准配置 STANDARD

- X, Y and Z axes are equipped with linear scales, and B-axis is equipped with circle scales.
- 40T broken rail chain tool magazine
- Arbitrary indexing rotary table
- Siemens SINUMERIK 828D control system
- Screw type chip conveyor + chain type chip conveyor

选择配置 OPTION

- 60T broken rail chain tool magazine
- Automatic tool measuring systems
- Full protection
- 2Mpa、3Mpa、5MPa CTS function

	Specifications	units	WPB-13T
Processing range	X axis travel	mm	3000
	Y axis travel	mm	2400
	Z axis travel	mm	2000
	W axis travel	mm	700
	B axis swing range	°	0~360°
	Max. Workpiece swivel diameter	mm	∅ 2900
	Distance from the spindle center to table surface	mm	100 ~ 2500
	Distance from the spindle nose to table center	mm	150
Worktable	Table size	mm	1800 × 2000
	Min indexing unit	°	0.001
	Max.table load	Kg	10000
	Rotary table speed	r/min	1
Spindle	Spindle diameter	Mm	∅130
	Max.spindle speed	rpm	2000
	Spindle taper		BT50
	Main spindle power	Kw	28/45
	Max spindle output torque	Nm	3600
Feed system	Max axial resistance of the spindle	N	25000
	X/Y/Z/W axis rapid cutting feed speed	m/min	10/10/10/4
	X/Y/Z/W axis Max cutting feed speed	m/min	6/6/6/3
Tool magazine	Tool magazine capacity		40
	Max. Tool dia (full/empty)	mm	125/245
	Max. Tool length	mm	400
	Max. tool weight	kg	25
Accuracy	X/Y/Z/W Positioning accuracy	mm	0.025/0.02/0.02/0.025
	B Positioning accuracy	arc/sec	10"
	X/Y/Z/W Repeat positioning accuracy	mm	0.017/0.015/0.015/0.018
	B Repeat positioning accuracy	arc/sec	6"
CNC control system	Model		Siemens 828D
	Total control axes	Axes	5
	Number of linkage control axes	Axes	4



数控刨台式镗铣床

WPB-13T

CNC PLANER TYPE BORING AND MILLING MACHINE



性能特点 PERFORMANCE

- Horizontal machining center flexible production line is mainly for CNC machine tool parts, cylinder body, valve body parts drilling, milling, boring and other machining processes. It can realize multi-surface, multi-process and multi-species cutting processing from rough parts to finished products.
- This line has high operating speed and high cutting torque, especially suitable for large batch and multi-species production, also has the function of online tool inspection and tool life management, which can realize 24 hours unattended production.
- The production line is integrated with intelligent production lines, logistics systems, real-time monitoring systems and intelligent production command and management, realizing multi-level interconnection of manufacturing units, flexible production lines and production workshops and monitoring the whole process.
- With the advantage of increasing efficiency and reducing production operating costs, it can be widely used in machining machine tool parts, automobile, mold, mechanical engineering, medical, aerospace and many other industries.

卧式加工中心柔性生产线

HORIZONTAL MACHINING CENTER FLEXIBLE PRODUCTION LINE

