



shandong lu young machinery co.,ltd

luyoungcncmachines.com

HMC1814 Horizontal Machining Center CNC Milling Three Axis With Taiwan ATC

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: luyoung
- Certification: ISO, CE
- Model Number: HMC1814
- Minimum Order Quantity: 1
- Packaging Details: Plywood box
- Delivery Time: 30 days
- Payment Terms: 30% T/T as deposit, the balance will be paid before shipment.
- Supply Ability: 100sets per month



Product Specification

- Application: Cnc Milling Machine
- Color: Customized According To Customer Requirements
- Keyword: Horizontal Cnc Milling Machine
- Condition: New
- Port: Qingdao,Ningbo Or Shanghai Port
- X/y/z Axis Travel: 1800/1280/900mm
- Spindle Taper: BT 50 ϕ 190
- X/y/z Axis Rapid Feeding Speed: 18/12/18 M/min
- X/Y/Z Axis Accuracy: ± 0.008
- Spindle Speed: 6000 R/min
- Max Loading Weight: 1600kg



More Images



Product Description

HMC1814 Chinese manufacturers knd horizontal cheap CNC machining center with taiwan ATC

Product Description:

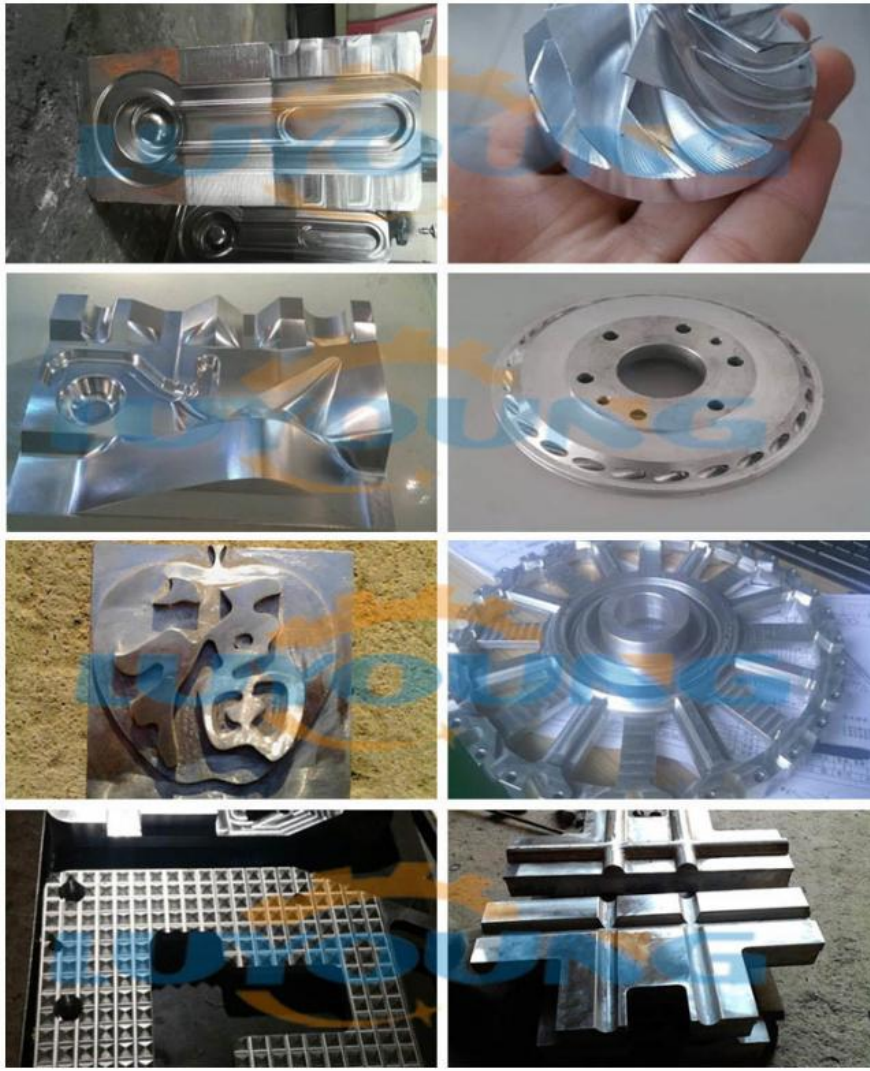
HMC1814 Chinese manufacturers knd horizontal cheap CNC machining center with taiwan ATC. This machine tool can be used for precision machining of aerospace, automobiles, internal combustion engines, home appliances, and general machinery. It has good performance in completing the box hole system and plane processing during clamping, and is especially suitable for the turning and boring processing of box holes.

Specification of HMC1814 Chinese manufacturers knd horizontal cheap CNC machining center with taiwan ATC:

Description			specification	Unit
			HMC1814	
Worktable	Worktable size		2000×900/800*800 rotary table	mm
	Max loading weight on worktable		1600	kg
	T-slot(pieces-width-distance)		5-22-165	mm/piece
Processing range	X axis travel		1800	mm
	Y axis travel		1280	mm
	Z axis travel		900	mm
	Distance from spindle end face to worktable center distance		200-1100	mm
	Distance from spindle center to worktable		140-1420	mm
Spindle	Spindle taper (7:24)		BT 50 φ190	
	Spindle speed		6000	r/min
	Spindle motor		15	kW
Feed	Rapid feeding speed	X axis	18	m/min
		Y axis	12	
		Z axis	18	
	Feed speed		1-10000	mm/min
Auto Tool changer	Tool changer design		Arm type auto tool changer	
	Tool changer capacity		24	piece
	Tool changing time(tool-to-tool)		2.5	s
Positioning accuracy	Accuracy test standard		JISB6336-4:2000/ GB/T18400.4-2010	
	X/Y/Z axis accuracy		±0.008	mm
X/Y/Z axis Repeat positioning accuracy			±0.005	mm
Overall size(L×W×H)			4800*3800*3450	mm
Gross weight			15000	kg



Applications:



This machine tool can be used for precision machining of aerospace, automobiles, internal combustion engines, household appliances, and general machinery. It is suitable for multi-process machining of parts such as milling, drilling, boring, reaming, tapping, two-dimensional and three-dimensional curved surfaces, etc. It has the good performance of completing the machining of box hole systems and planes in one clamping, and is also particularly suitable for the boring and turning of box holes.

Customization:

Brand Name: **Iuyoung**
 Model Number: **HMC1814**
 Place of Origin: **CHINA**
 Certification: **ISO, CE**
 Minimum Order Quantity: **1**
 Delivery Time: **30 days**
 Payment Terms: **30% T/T as deposit, the balance will be paid before shipment.**
 Power Requirement: **380V, 3-phase**
 Table Loading: **350kn**
 Table size: **2000*900mm**
 Items: **BT40-BT50**

Product feature:

Bed body: The bed body adopts integral positive T-shaped castings with good rigidity and precision retention. The exchange table and the tool magazine manipulator are fixed on the bed body to ensure the overall rigidity of the machine tool. The design of the bed body is analyzed by finite element, and its structure is reasonable and the ribs are arranged appropriately, so that it has sufficiently high static and dynamic rigidity and precision retention.

Column: The machine uses a dynamic column structure to move on the bed body. Its internal rib plate is analyzed by structural statics, dynamics and topology of finite cells.

Spindle box: The structure of the spindle box is analyzed by the structural statics, dynamics and topology of finite cells, and the reasonable structure design and the combination of reinforced ribs ensure the high rigidity of the box.

Dual switching workbench. The machine uses APC lift construction and direct swing. The whole process of work station exchange uses two sets of cam continuous motion for fast switching (exchange time: 12.5 seconds), which is very smooth and has very high reliability.

Worktable: The working table structure is very rigid after the structural statics, dynamics analysis and topological analysis of finite cells.

Spindle: The machine spindle has a two-speed internal variable speed electrical spindle structure with a maximum speed of 6000rpm.

The customer can also select two internal variable speed spindles up to 12000 rpm. the spindle of the gear drive can also be configured according to customer requirements.

Screw:The X, Y and Z coordinate bars of the machine all use hollow strong cold technology, and the temperature of the cooling oil is controlled in real time, so that it changes in a small temperature range, thus reducing the thermal deformation of the screw in the process of cutting force and rapid movement, increasing the distortion stiffness of the screw, improving the processing accuracy of the machine tool, effectively reducing the inertia of the workstation's high-speed movement.

Guideline:X, Y, Z three coordinate guides using high-rigid self-lubricating roller straight rolling rail, good carrying performance, the use of a straight-line rolling rail with a shelf to improve the rail life by 2.4 times. The roller rails have a self-lubricating function and are self-injected with grease to maintain their lubrication performance for a long time



Packing and Shipping:

- 1.Port: Qingdao port or Shanghai port
- 2.Payment method: T/T, L/C, D/P, D/D etc.
- 3.Payment: 30% T/T as deposit, 70% balance shall be paid before shipment.
- 4.Delivery time: 30 days after receive the 30%T/T deposit.
- 5.Non-fumigation packaging, we use seaworthy plywood.
6. Steel base plate, it is stronger 3-5 times than normal plywood base plate. 7.Water-proof and damp proof, water resistant film wrapped all the machine.

FAQ:

Here are the frequently asked questions and answers about the luyoung HMC500 CNC milling machine:

Q: What is the brand name of this milling machine?

A: The brand name of this milling machine is luyoung.

Q: What is the model number of this milling machine?

A: The model number of this milling machine is HMC500.

Q: Where is this milling machine made?

A: This milling machine is made in China.

Q: What certifications does this milling machine have?

A: This milling machine has ISO and CE certifications.

Q: What is the minimum order quantity for this milling machine?

A: The minimum order quantity for this milling machine is 1 unit.

Q: What is the delivery time for this milling machine?

A: The delivery time for this milling machine is 30 days.

Q: What are the payment terms for this milling machine?

A: The payment terms for this milling machine are 30% T/T as deposit, and the balance will be paid before shipment.



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