

GOING
高懿精機

GOING
高懿精機



+7 (495) 968-85-85
<https://cnc-going.ru>



钻攻雕铣 无所不能
Roughnecks engraving and milling omnipotent

高精 高速 高效 環保 安全

High Precision, High Speed, High Efficiency, Environmental Protection And Safety

提供專業的技術產品 整體解決方案

Provide professional technical products overall solution

上海高懿精密機械設備有限公司

SHANGHAI GOING PRECISION MACHINE TECHNOLOGY CO.,LTD

江蘇高懿精密機械科技有限公司

JIANGSU GOING PRECISION MACHINE TECHNOLOGY CO.,LTD

經銷商

由于技術不斷進步，產品若有變更，恕不另行通知。版權所有，不得侵犯。
as technology advances, products are subject to change without notice, all rights infringement



服務與承諾

QUALITY ASSURANCE

經營理念/ Business Philosophy

質量至上，服務第一
Quality first, service first

誠信是企業永恆的基礎
Integrity is the foundation of enterprise existence,

顧客是企業動力的源泉
Customers are the source of enterprise motivation

為客戶創造價值
value for customers,

為社會創造效益
creating benefits society.

企業精神/ The spirit of enterprise

責任是企業信賴的保證
Responsibility is the assurance of trust enterprises,

改善是企業向上的力量
Improve enterprise upward force.

積極是企業至勝的動力
Active is the driving force for

創新是企業競爭利器
Enterprise to win,innovation is the enterprise's competitive power.

走在技術的前沿，創造一流的產品
In the forefront of technology,to create first-class products!

我們的承諾

OUR COMMITMENT

為客戶提供**經濟合理**的配置方案
To Provide A Reasonable Plan For The Client Configuration

為客戶提供智能機床、**工裝夾具方案**
Provide other,machine tool fixture scheme for customer

結合客戶實際加工產品的情況制定相應的配置與裝夾**免費為客戶試樣，降低投資風險**

Combining customer an international processing products to develop the appropriate configuration and clamping free for customers to sample,to reduce the investment risk

對保修期內的機床故障，我們將在24小時內給予回復或派出專業人員確保機床的**正常運轉**

Machine tool failure of thewarranty period,we will give a reply or send professionals to ensure the normal operation of the machine in 24 hours

為客戶提供**系統軟件升級**提供增值服務，全國各地有經銷服務網點
Provide value-added service for our customers to provide system software upgrade
Distribution service network all over the country

保修期滿後，我公司將以優惠的價格為你維修或更換配件定期**上門回訪，為客戶維護和指導**

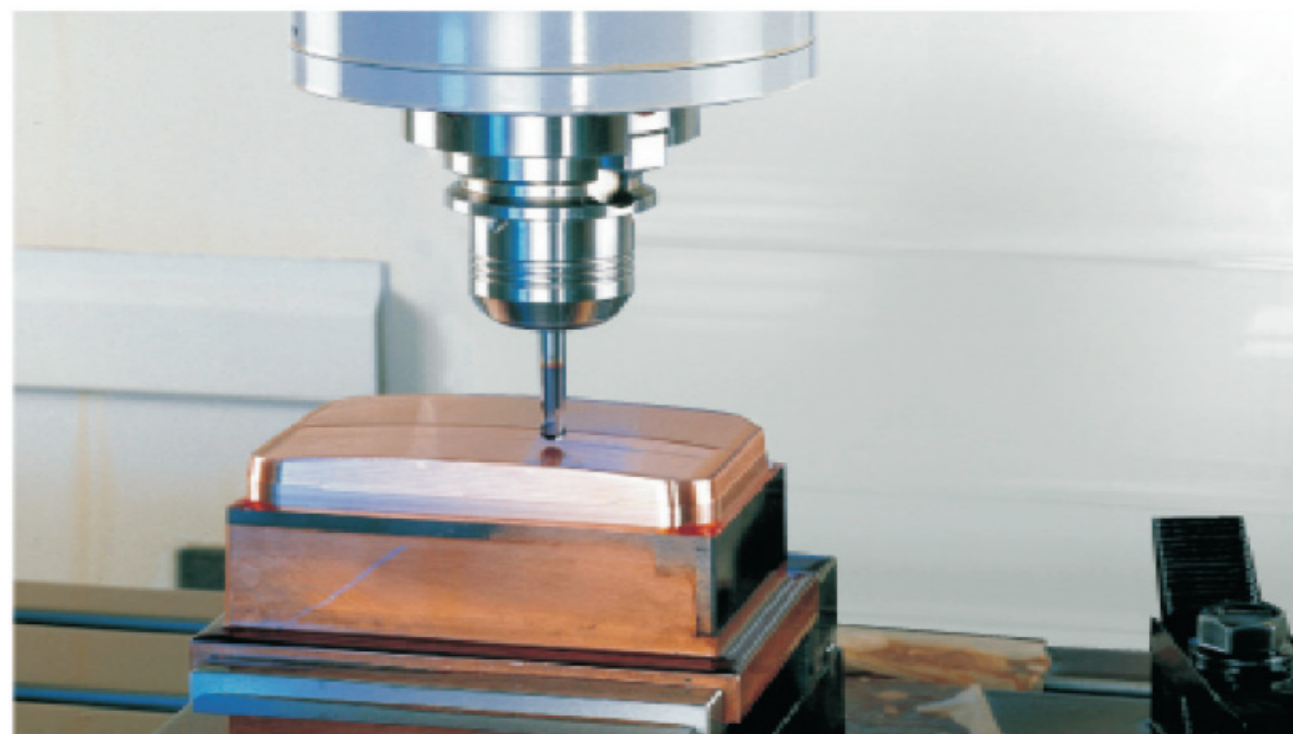
After the warranty period,our company will be the preferential price for you to repair or replacement parts.Regula home visits,customer maintenance and guidance,

石墨加工機

Graphite processing machine

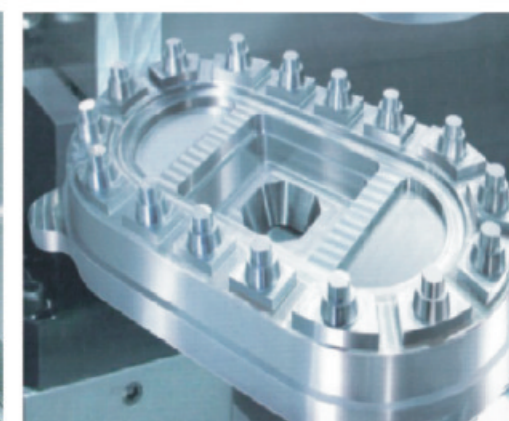
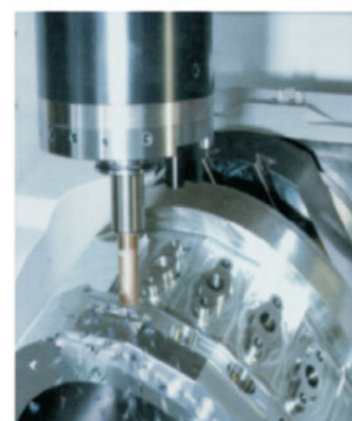
精密零件模具3C零件加工致勝利器!

3C parts machining precision parts mold winning weapon!



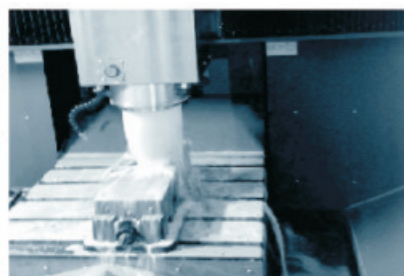
高精、高速、高效的完美體現

High precision, high speed, high efficiency
perfect embodiment



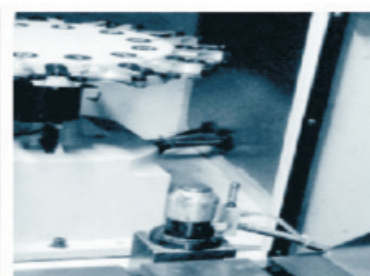
高速主軸

30000rpm~60000rpm High speed



石墨專用

Special graphite



8-12把圓盤式刀庫

8 And 12 Disc Type knife Library



激光對刀儀

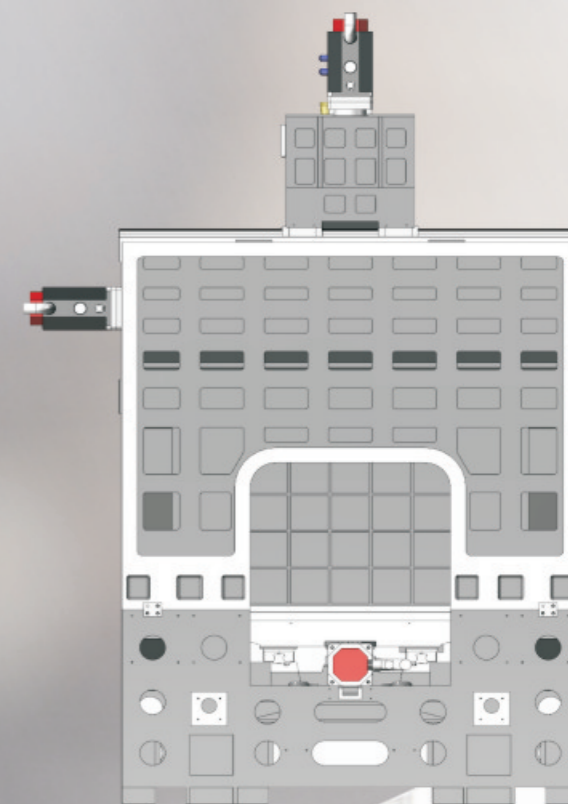
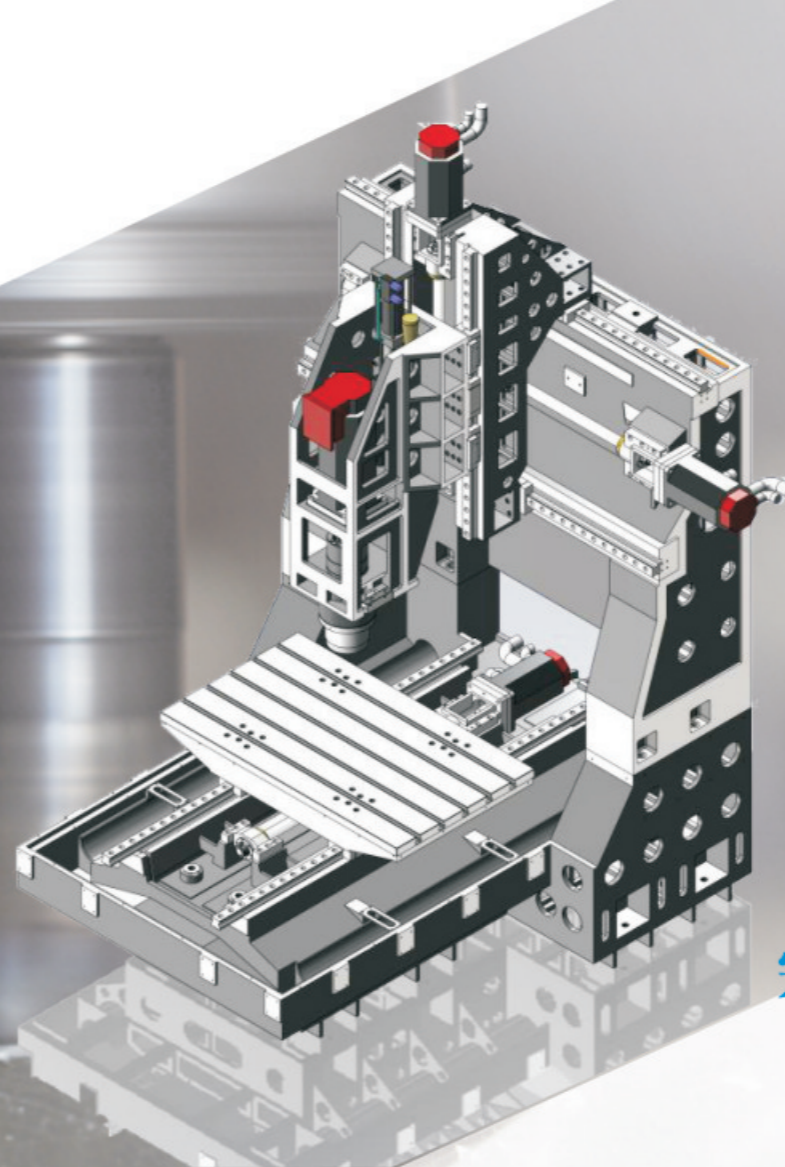
Laser Tool Setting Instrument

高速加工機

High Speed Processing Machine

徹底表露高速加工的不凡風範

Complete Disclosure Of High Speed Machining
Extraordinary Style



**獨特強悍的機械結構
完美體現高剛性持久穩定性**

The unique mechanical structure
Perfect embodiment of
high rigidity and lasting stability

精密模具加工實現高精、高速、高效的完美體現

Precision mold processing
To achieve high precision, high speed, high efficiency of the perfect embodiment

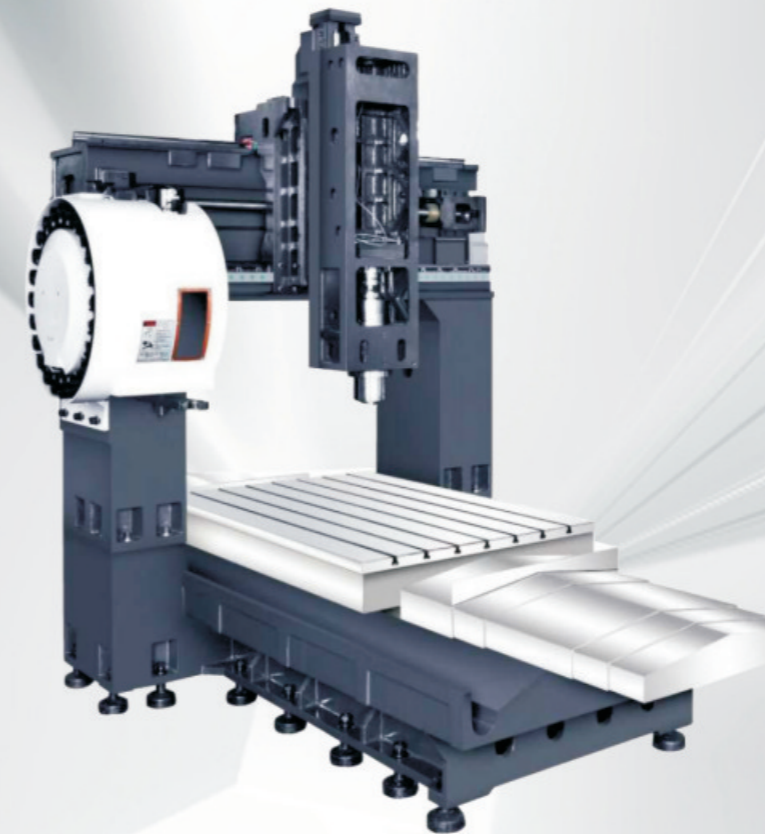


龍門加工機

Gantry Processing Machine

機械精度來自於剛性
機械的結構強度確定剛性

From the rigid mechanical precision
To determine the strength
of mechanical structure rigidity



獨特強悍的機械結構

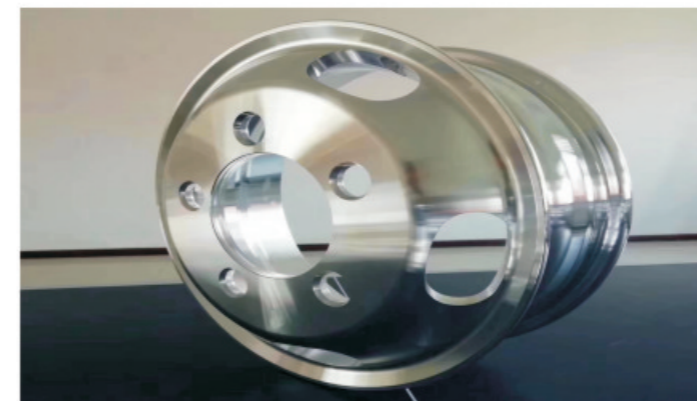
The unique mechanical structure

精心設計的機械結構高剛性、長期穩定性
Careful design of the mechanical structure of high rigidity, long term stability

- 1、主要機械結構體完全採用高級米漢納鑄造制成，經壓力消除，再配合合理化的肋骨強化設計，無機體變形之處。
The main mechanical structure completely Meehanite casting made by pressure elimination. Coupled with rationalization of rib reinforced design, no deformation of the body at risk.
- 2、立柱底部加寬設計，配合箱型結構，於高速切削時展現最佳穩定性。
The bottom of the column widening design, with box-type structure, at the time of high-speed cutting exhibition Now the best stability.
- 3、三軸配置精密綫性滑軌，進給速度快，動作穩定。
Triaxial configuration precision linear rails, feed speed, stable operation
- 4、綫軌跨距寬闊，提升機械穩定性。
Line rail span wide, enhance the mechanical stability

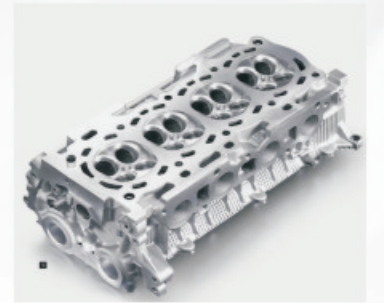
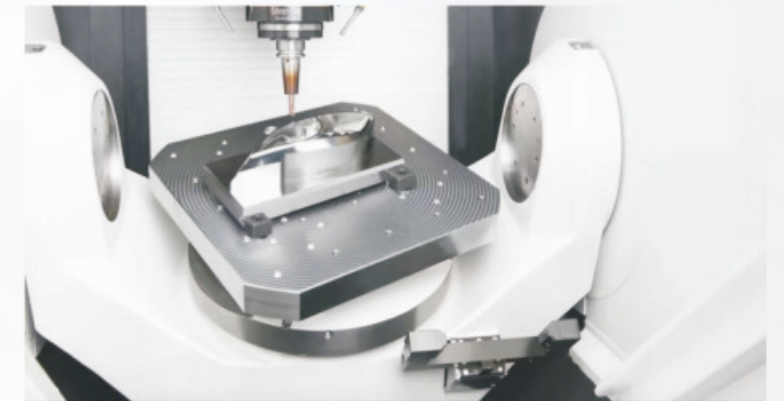
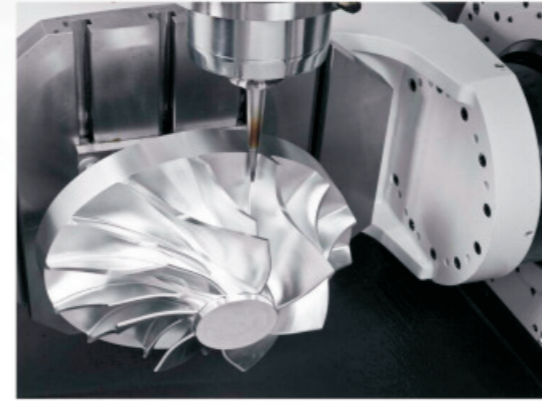
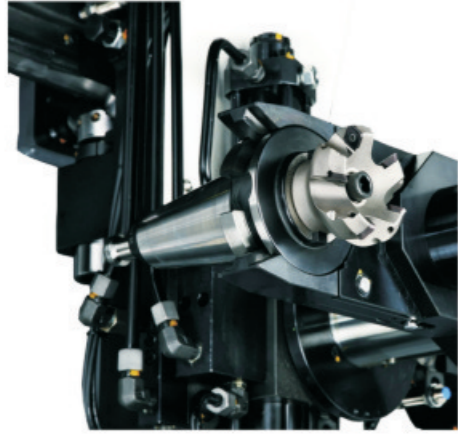
高端葉輪加工 / 曲面、曲綫、萬向加工

High-end impeller processing / curved surface, curve, universal processing



龍門加工中心

Longmen Processing Center



細致入微的設計，嚴謹的制造工藝

Meticulous design, rigorous manufacturing process

確保高精、高速、高效、持久穩定

Ensure high precision, high speed,
high efficiency and lasting stability



獨特強悍的機械結構

完美體現高剛性，持久穩定性

The unique mechanical structure
Perfect embodiment of high rigidity
and lasting stability



龍門加工機

Gantry processing machine

曲面光滑、接刀微小，實現五軸聯動

Smooth surface, small knife, achieve five axis linkage



龍門加工機特點

Gantry processing machine features

高轉速、定位精準聯動精度高

High speed, precise positioning & high linkage accuracy

獨特強焊的機械結構
精密設計的機械結構、
高剛性、持久穩定
採用高級納米鑄造而成

Unique strong welding mechanical structure
Precise design of mechanical structure,
high rigidity, lasting stability
It is made of high grade natrium rice



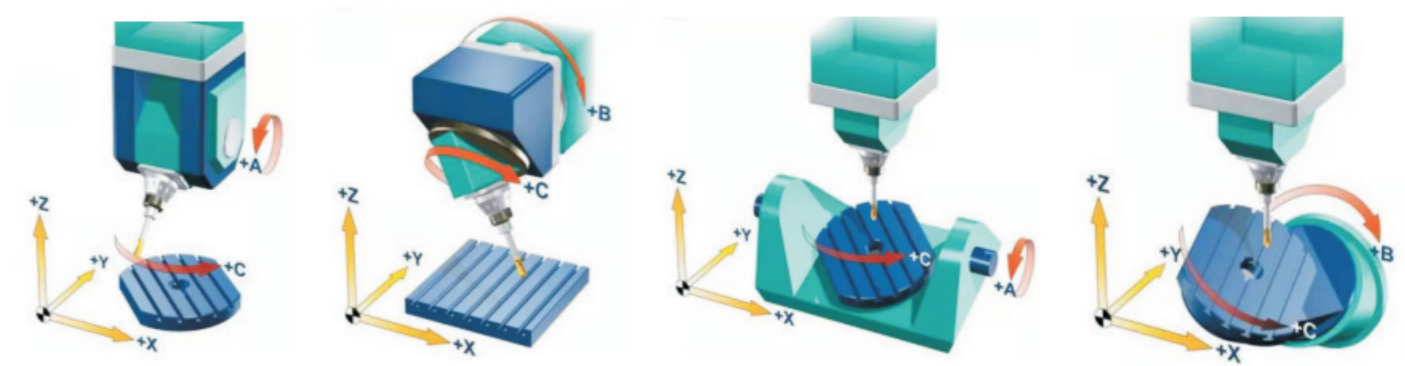
選配件角度頭

Process actions and casting



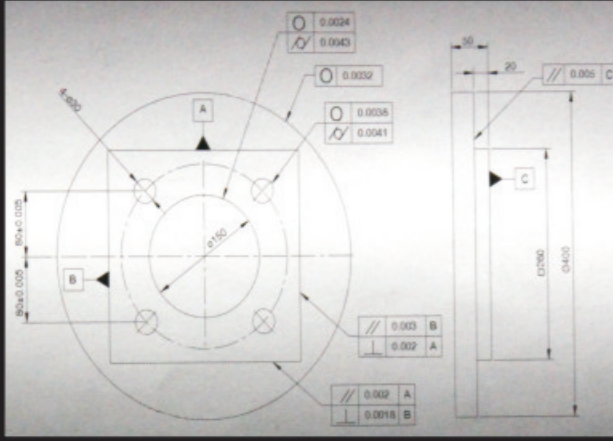
五軸加工示意圖

Five axis parts

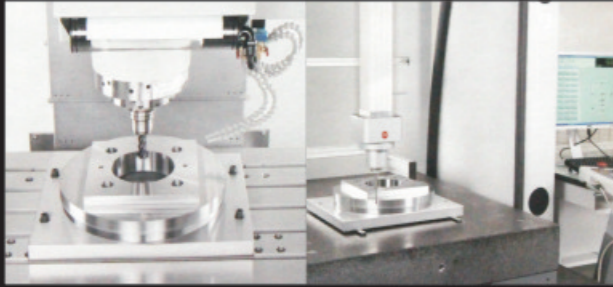


嚴格把關每個細節

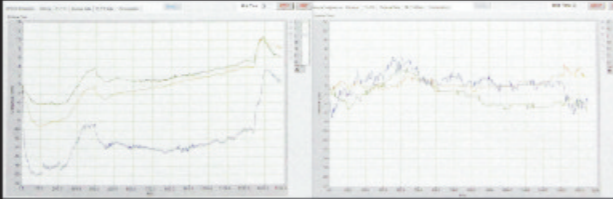
Strict control of every detail




幾何精度0.005mm內 Geometric accuracy within 0.005mm



三次元測量
Three-dimensional measurement



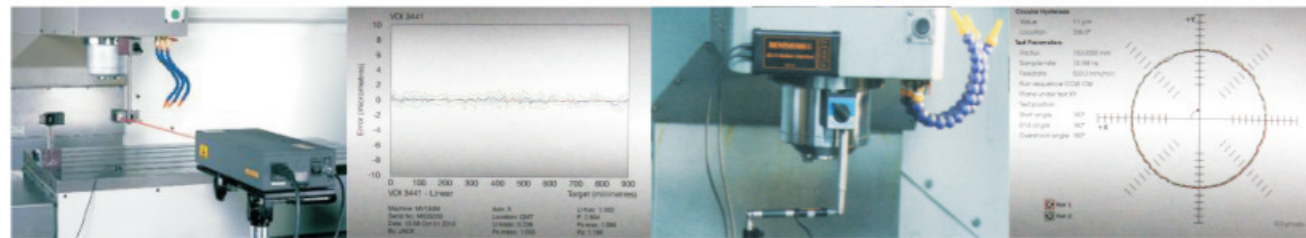
補正前 Before correction 補正後 After correction



X、Y、Z 溫升熱補
X, Y, Z temperature vulcanization

激光鐳射檢驗

Laser inspection



定位精度=1.180 μm VDI3441
Positioning accuracy=1.180 μm VDI3441

循圖檢測
Based on circle detection
精密循圖檢測實測值
0.005mm Φ150mm
follows the circle examination precisely
actual value 0.005mm Φ150mm

循圖量測 進給:
500mm/min, Value: 1.1 μm
Roundness measurement Feed:
500mm/min, Value: 1.1 μm

品質與精度 The quality and the precision

確保精度 (人工鏟花)

To ensure the accuracy of Artificial scraping



滑軌與螺桿 (同心與平行度)

Slides and screw (concentric and parallel)



滑軌與螺桿 (真直度與平面度)

Slides and screw (straightness and flatness)



高性能的選配件

Parts selected high performance



HSK主軸

HSK spindle

採用油氣混合潤滑冷卻可長期高速運轉
The use of oil and gas mixed lubrication cooling can be long-term high-speed operation.

刀柄牢固地貼合刀柄錐度和端面，提高加工剛性和加工精度
The handle fits the taper and end face of the handle firmly to improve the rigidity and precision of machining.



BT40/24T

刀臂式刀庫 (選配)

BT40/24T knife (optional)

快速換刀時間為 0.85 秒

Rapid tool change time of 0.85 seconds



五軸 Five-axis

一次性裝夾實現多面加工

One-time clamping to achieve multi-faceted processing



激光對刀儀 / 綫上檢測頭

Laser tool set / Line head

取代於工對刀繁鎖模式

Replace the multiple locking mode of yugong on knives

實現自動化生產模式

Realize automatic production mode

接觸式電子對刀

Contact electronic pairer

杜絕二次裝夾，杜絕廢品

Eliminate secondary clamping and waste products

提高確認工作效率

Improve the efficiency of confirmation



B 軸分度盤

B axis indexing dial

定位數控工作臺，定位精準 360° ~ 千分之一度 (0.001°)

Positioning nc workbench, positioning precision 360° - once per thousand (0.001°)



第四軸、第五軸 (選配)

Fourth axis, fifth axis (optional)

減少工件的多次裝夾

Multiple clamping workpiece

旋轉加工 翻轉加工

Reverse rotation processing

高速龍門加工機參數

High Speed Gantry Processing Machine Parameters

專案 Special case	單位 Unit	G-600	G-800	G-1000	G-1100	G-1200	G-1300	G-1800	
加工範圍 Processing range	X軸行程 X-axis stroke	mm	600	600	1100	1100	1200	1500	
	Y軸行程 Y axis stroke	mm	500	800	1000	700	1000	1800	
	Z軸行程 Z-axis travel	mm	260	350	500	600	500	520	
	主軸鼻端至工作台面距離 The spindle nose & countertops	mm	80-260	50-400	50-550	150-750	200-700	130-650	200-720
工作臺 Workbench	工作臺尺寸 (X軸方向) Table size (X-axis direction)	mm	600	800	1000	1200	1300	1800	
	工作臺尺寸 (Y軸方向) Table size (Y-axis direction)	mm	500	600	800	700	900	1400	
	工作臺 T 型槽尺寸 Table T-slot dimensions	mm	5*14	5*14	9*14	5*18	5*18	9*14	
	工作臺最大承重 Maximum load bearing of table	kg	300	400	1200	1000	2000	1600	2800
主軸 Spindle	主軸轉速 Spindle speed	rpm	24000	24000	24000	12000	24000	12000-15000	15000/20000
	主軸電機功率 Spindle motor power	kw	7.5	7.5	11	11	11	15	
	主軸規格 Main specifications	/	BT30/HSK E40	BT30/HSK E40	BT30/HSK E40	BT40/HSK A63	BT40/HSK A63	BT40/HSK A63	BT60/HSK A63
	傳動方式 The transmission way	/	內藏式 Working	內藏式 Working	內藏式 Working	直聯式 Direct link	直聯式 Direct link	直聯式 Direct link	直聯式 Direct link
刀庫 Knife library	換刀方式 In dao way	/	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	刀臂式 Knife arm type	刀臂式 Knife arm type	刀臂式 Knife arm type	刀臂式 Knife arm type
	刀庫容量 Knife storage capacity	T	8	8	8-16	24	8-16	8-16	8-16
進給 Feed	X、Y、Z軸快速進給 X, Y, Z axis fast feed	m/min	15	15	15	30/30/30	20	24	24
	切削進給 A cutting feed	mm/min	12	12	12	12	15	10	10
	X、Y、Z軸電機規格 X, Y, Z axis motor specifications	kw	0.85/0.85/0.85 (kw)	0.85/0.85/0.85 (kw)	1.3/1.3/1.3 (kw)	3/3/3 (kw)	2/2/3 (kw)	3/3/4.4 (kw)	3/3/4.4 (kw)
精度 Precision	定位精度 Positioning accuracy	mm	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005
	重複精度 Repeat accuracy	mm	± 0.003	± 0.003	± 0.003	± 0.003	± 0.003	± 0.003	± 0.003
機床尺寸 Machine size	機床尺寸 Machine size	mm	1900*2000*2300	2100*2100*2550	3000*2500*2800	3000*2500*3000	3100*2500*2800	3100*2550*2800	7500*3650*3000
	機器重量 Machine weight	T	3.5	5	8	10	9	10	20

標準配件 Standard accessories

- FANUC系統
FANUC system
 - 圓盤式刀庫
Disk knife library
 - 內藏式主軸
Inner spindle
 - 兩螺桿+鏈式排屑機 (含小車)
Two screw + chain chip eliminator (including trolley)
 - 主軸油冷機
Spindle oil cooler
 - 電器箱恒溫裝置
Constant temperature device in electrical box
 - 全自動潤滑系統
Fully automatic lubrication system
 - 主軸油冷系統
Spindle oil cooling system
 - 切削吹氣裝置
Cutting blow device
 - 切削冷卻裝置
Cutting cooling unit
 - 加工吹氣裝置
Process blowing device
 - 主軸氣幕防塵裝置
Main shaft air curtain dustproof device
 - 清潔水槍
Clean water gun
 - 清潔氣槍
Clean air gun
 - 操作說明書
Operating instruction
 - 基礎工具箱
Basic toolbox
- ### 選配件 options
- 三菱/西門子系統
Mitsubishi/Siemens systems
 - 光柵尺
Grating ruler
 - 油水分離機
Oil and water separator
 - 主軸中心出水裝置
Spindle center outlet
 - 電源穩壓器
Power regulator
 - 激光對刀儀
Laser tool setting instrument

* 尺寸規格若有變更，恕不另行通知。機器外觀不斷調整，以實際出貨實物為準。
* Specifications are subject to change without prior notice. The appearance of the machine is constantly adjusted, subject to the actual shipment.

龍門加工中心參數

Longmen Processing Center Parameters

專案	Special case	單位 Unit	GY-1614	GY-2014	GY-2015	GY-2515	GY-2518	GY-3018	GY-3022	GY-4022	GY-4025	GY-5022	GY-6035	GY-8035	
加工範圍 Processing range	X軸行程 X-axis stroke	mm	1600	2000	2000	2500	2500	3000	3000	4200	4000	5000	6200	8200	
	Y軸行程 Y-axis stroke	mm	1600	1600	1600	1500	1800	2000	2400	2200	2700	2400	3500	3500	
	Z軸行程 Z-axis travel	mm	750	750	800	900	900	1000	1000	1000	1000	1000	1000	1000	
	主軸鼻端至工作臺面距離 The spindle nose & counter tops	mm	250-1000	200-1000	200-1000	200-1050	200-1050	200-1200	200-1200	260-1310	260-1260	260-1260	260-1260	310-1310	310-1310
工作臺 Workbench	工作臺尺寸 (X軸方向) Table size (X-axis direction)	mm	1800	2200	2200	2700	2500	3000	3100	4100	4100	5100	6000	8000	
	工作臺尺寸 (Y軸方向) Table size (Y-axis direction)	mm	1200	1200	1300	1300	1500	1600	1900	1900	2300	1900	2500	2500	
	工作臺T型槽尺寸 Table T-slot dimensions	mm	7*22*170	7*22*170	7*22*170	7-22*175	7*22*200	9*22*180	9*22*200	9*22*200	9*22*200	9*22*200	9*22*200	12*28*200	12*28*200
	工作臺最大承重 Maximum load bearing of table	kg	4	6	6.5	8	10	10	10	10	10	11.5	20000	22000	
主軸 Spindle	主軸轉速 Spindle speed	rpm	12000/15000	12000/15000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	
	主軸電機功率 Spindle motor power	kw	11/15	11/15	22	22	22	22	22	22	22	22	15/18.5	15/18.5	
	主軸規格 Main specifications	/	BT40/HSK A63	BT40/HSK A63	BT50	BT50	BT50	BT50	BT50	BT50	BT50	BT50	BT50	BT50	
	傳動方式 The transmission way	/	直聯式 Straight association-like	直聯式 Straight association-like	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type	皮帶式 Belt type
刀庫 Knife library	換刀方式 In dao way	/	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	圓盤式 Disc type	
	刀庫容量 Knife storage capacity	T	24	24	24	24	24	24	24	24	24	24	24T	24T	
進給 Feed	X、Y、Z軸快速進給 X, Y, Z axis fast feed	m/min	24/24/24	24/24/24	12/12/10	12/12/10	12/12/10	12/12/10	12/12/10	12/12/10	12/12/10	12/12/10	12/12/10	8/10/10	8/10/10
	切削進給 A cutting feed	mm/min	6	6	6	7	7	7	7	7	7	7	7	7	
	X、Y、Z軸電機規格 X, Y, Z axis motor specifications	kw	30/30/30(Nm)	30/30/30(Nm)	40/30/30(Nm)	40/30/30(Nm)	40/30/30(Nm)	50/30/30(Nm)	50/30/30(Nm)	50/30/30(Nm)	50/30/30(Nm)	70/30/40(Nm)	70/30/40(Nm)	63/36/36(Nm)	75/36/36(Nm)
精度 Precision	定位精度 Positioning accuracy	mm	±0.005/300	±0.005/300	±0.005/300	±0.005/300	±0.005/300	±0.005/300	±0.005/300	±0.005/300	±0.005/300	±0.005/300	±0.005/300	0.022	0.022
	重複精度 Repeat accuracy	mm	±0.003/300	±0.003/300	±0.003/300	±0.003/300	±0.003/300	±0.003/300	±0.003/300	±0.003/300	±0.003/300	±0.003/300	±0.003/300	0.02	0.02
機床尺寸 Machine size	機床尺寸 Machine size	mm	5000*3200*4200	5600*3200*4300	5600*3500*4500	7150*3600*4536	7140*4200*4580	7160*4600*4500	7705*4650*5167	9900*4650*5167	10670*4800*4700	14000*4700*5000	15500*6300*5200	19500*6300*5200	
	機器重量 Machine weight	T	16	18	18	20	21	23	30	32	34	38	72	82	

標準配件 Standard accessories

- FANUC系統
FANUC system
- 圓盤式刀庫
Disk knife library
- 內藏式主軸
Inner spindle
- 兩螺桿+鏈式排屑機(含小车)
Two screw + chain chip eliminator (including trolley)
- 主軸油冷機
Spindle oil cooler
- 電器箱恒溫裝置
Constant temperature device in electrical box
- 全自動潤滑系統
Fully automatic lubrication system
- 主軸油冷系統
Spindle oil cooling system
- 切削吹氣裝置
Cutting blow device
- 切削冷卻裝置
Cutting cooling unit
- 加工吹氣裝置
Process blowing device
- 主軸氣幕防塵裝置
Main shaft air curtain dustproof device
- 清潔水槍
Clean water gun
- 清潔氣槍
Clean air gun
- 操作說明書
Operating instruction
- 基礎工具箱
Basic toolbox

選配件 options

- 三菱/西門子系統
Mitsubishi/Siemens systems
- 光柵尺
Grating ruler
- 油水分離機
Oil and water separator
- 主軸中心出水裝置
Spindle center outlet
- 電源穩壓器
Power regulator
- 鐳射對刀儀
Laser tool matching instrument

* 尺寸規格若有變更，恕不另行通知。機器外觀不斷調整，以實際出貨實物為準。
* Specifications are subject to change without prior notice. The appearance of the machine is constantly adjusted, subject to the actual shipment.