

GOING
高懿精機

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cnc-going.ru

源自臺灣 · 德國技術
FROM TAIWAN · GERMAN TECHNOLOGY

站攻雕銑 无所不能
Roughnecks engraving and milling omnipotent

上海高懿精密機械設備有限公司

SHANGHAI GOING PRECISION MACHINE TECHNOLOGY CO.,LTD

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經銷商

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as technology advances, products are subject to change without notice, all rights infringement

GOING
高懿精機



五軸加工機 臥式加工機

Five-axis processing machine horizontal processing machine

高精 高速 高效 環保 安全

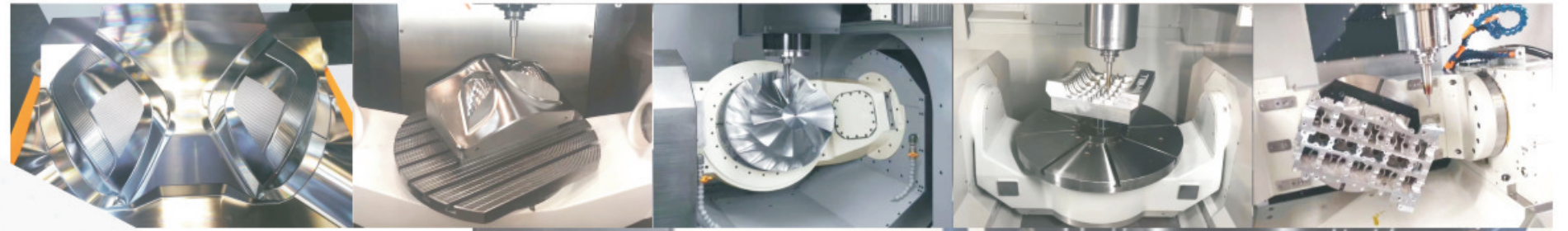
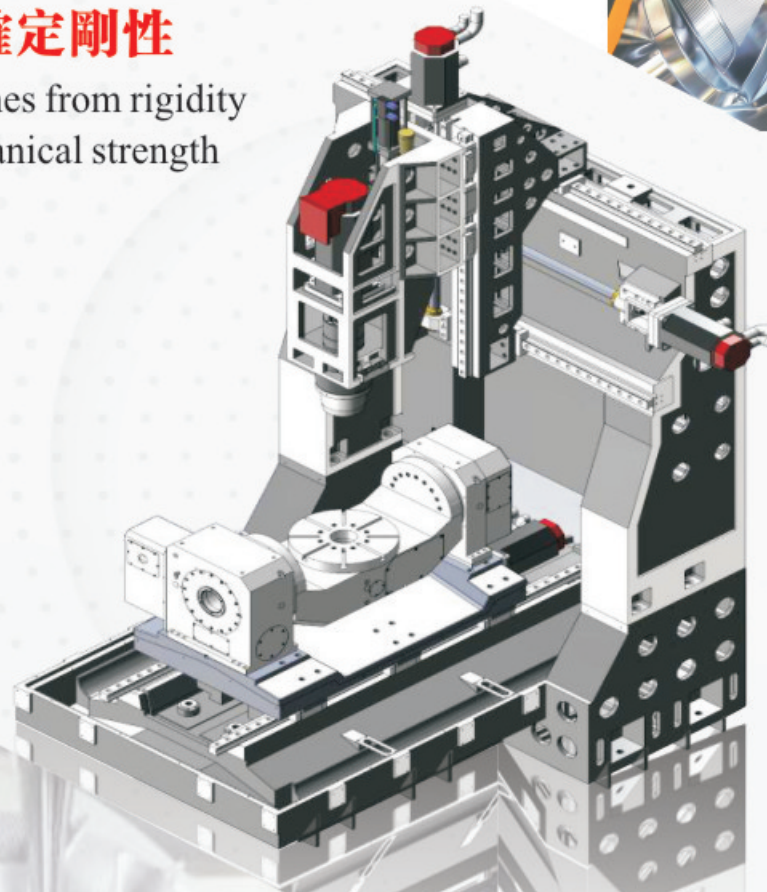
High Precision High Speed Efficient Environmental Protection & safety

提供專業的技術產品 整體解決方案

Provide professional technical products overall solution

**機械精度來自於剛性
機械的結構強度確定剛性**

Mechanical precision comes from rigidity
The structure of the mechanical strength of rigidity is determined



高轉速、定位精準聯動精度高

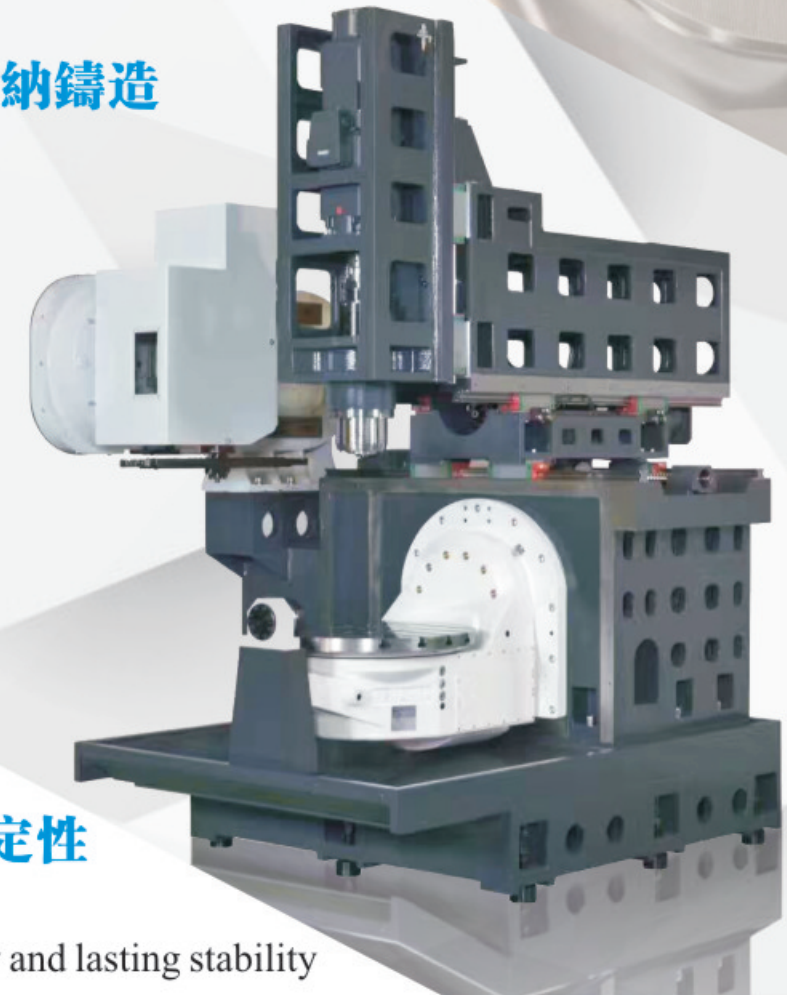
High speed, precise positioning & high linkage accuracy

**精心設計的機械結構高剛性、
長期穩定性
機械結構完全採用高級米漢納鑄造**

Well-designed mechanical structures with high rigidity,
Long-term stability
The mechanical structure is entirely made of advanced Meehana casting

**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

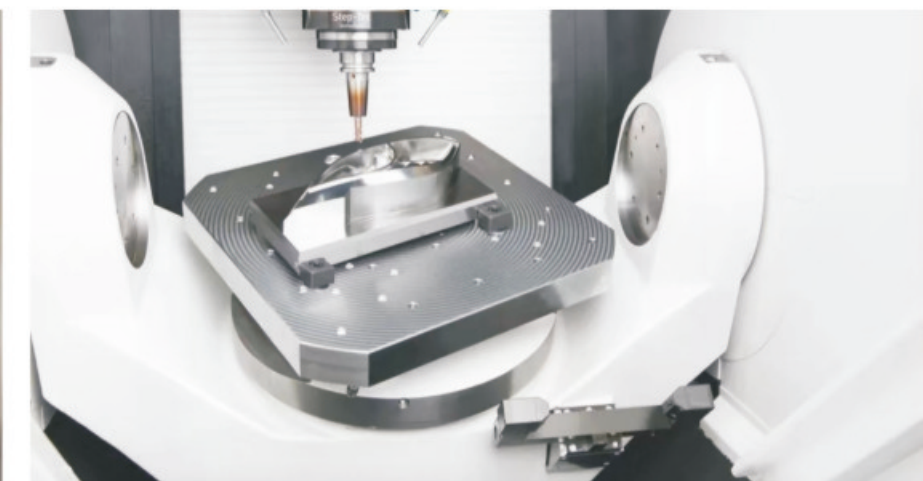
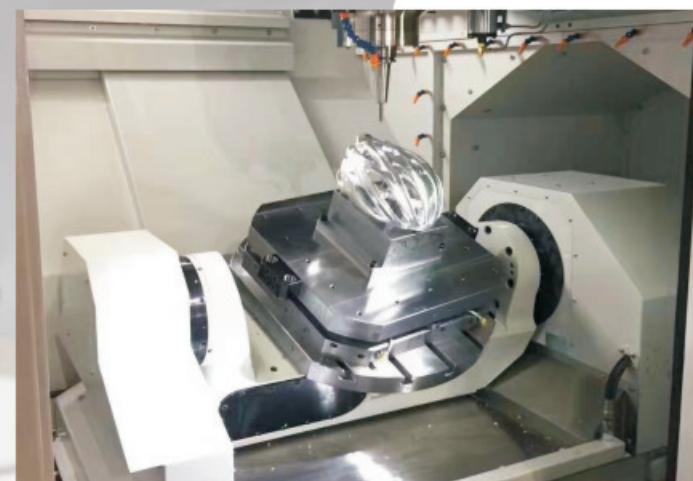
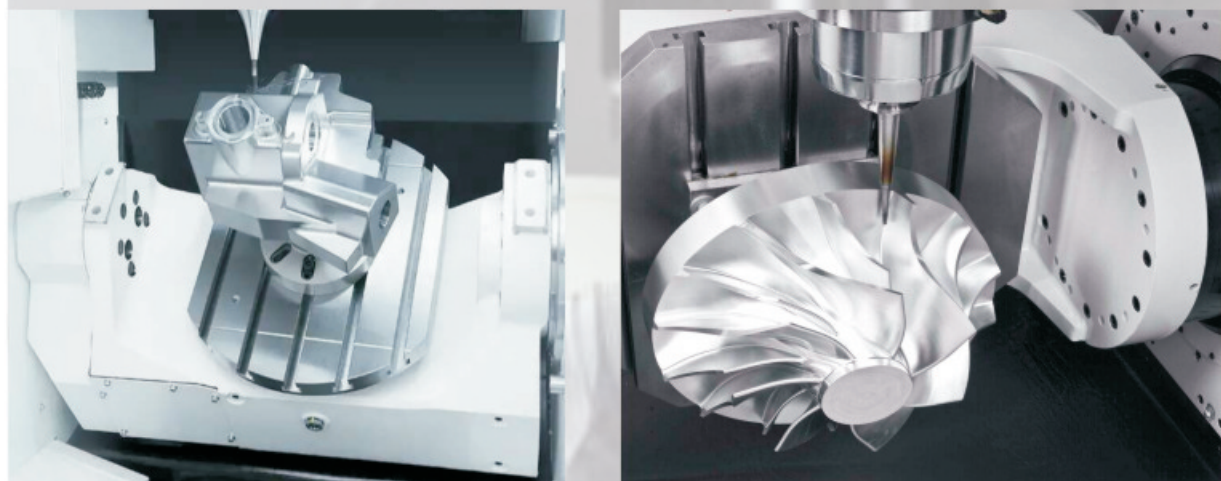


精度模具、零件、3C、5G件加工致勝利器

Precision mold, parts, 3C, 5G pieces of processing to win

高端葉輪加工 / 曲面、曲線、萬向加工

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



追求效率及加工品質是致勝的關鍵

The pursuit of efficiency and processing quality is the key to success

嚴格檢驗 性能保證

Strictly check the performance guarantee

激光雷射檢驗

Laser inspection

定位精度=1.180 μm VDI3441

Positioning accuracy=1.180 μm VDI3441

循圓檢測

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

循圓量測 進給:
500mm/min, Value: 1.1 μm
Roundness measurement Feed:
500mm/min, Value: 1.1 μm



嚴格把關每個細節

Keep a close eye on every detail

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)



高精、高速、高效的完美體現

The perfect embodiment of high precision, high speed and high efficiency

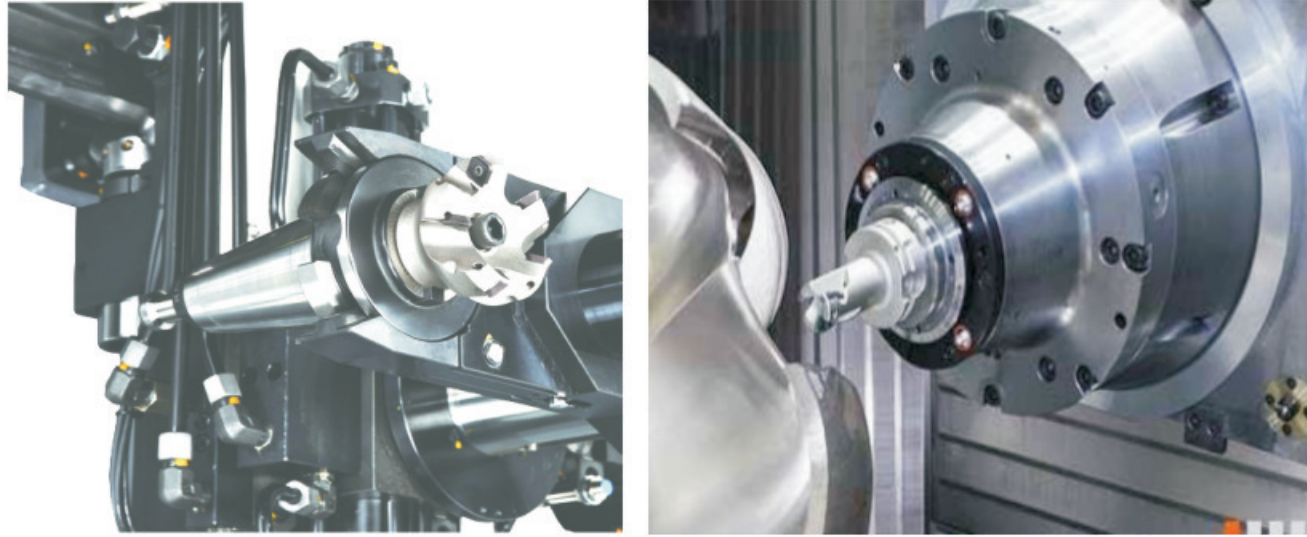


徹底表露高速加工的不凡風範

Complete disclosure of high speed machining extraordinary style

復合加工機

Composite Processing Machine

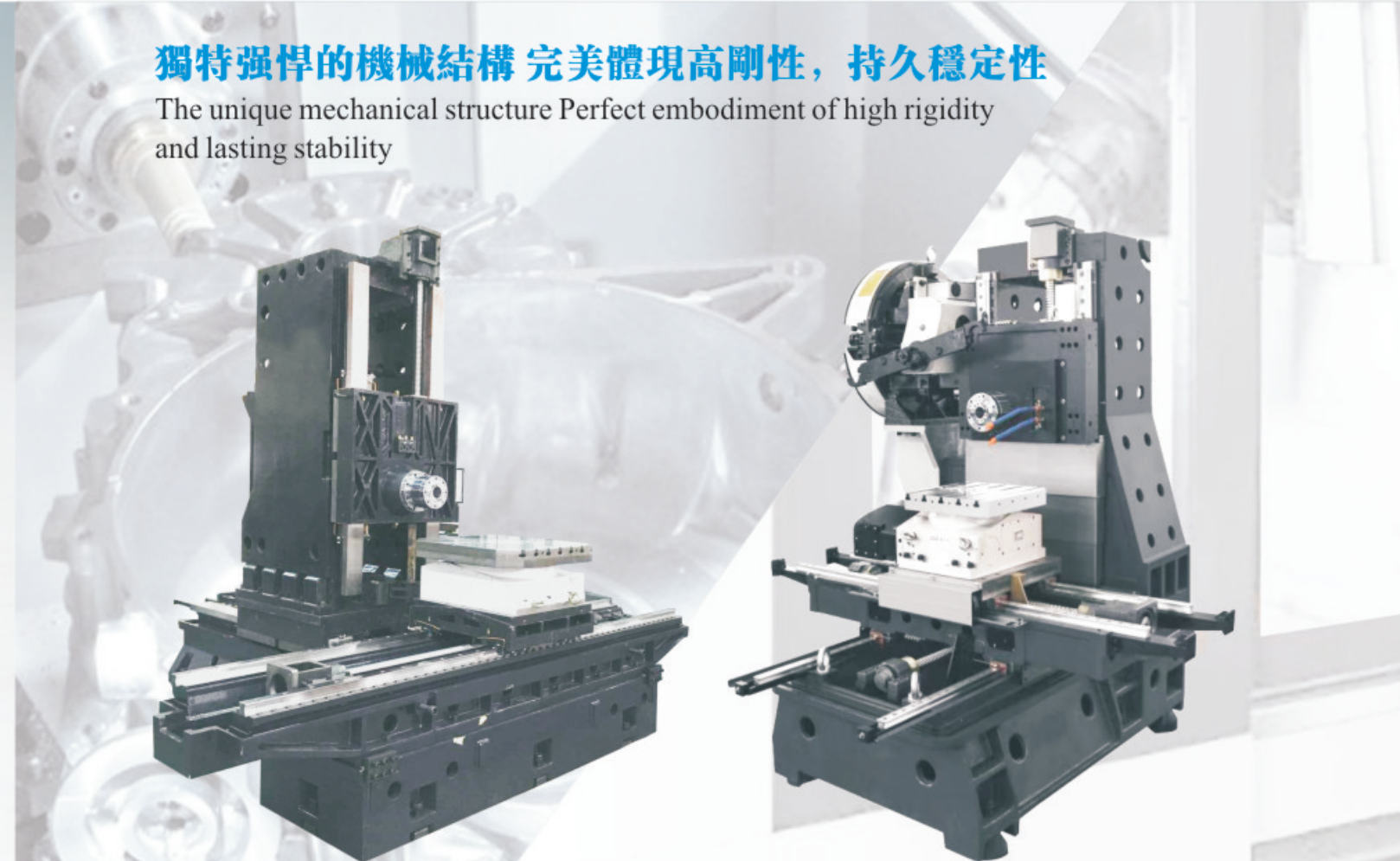


細致入微的設計，嚴謹的制造工藝

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

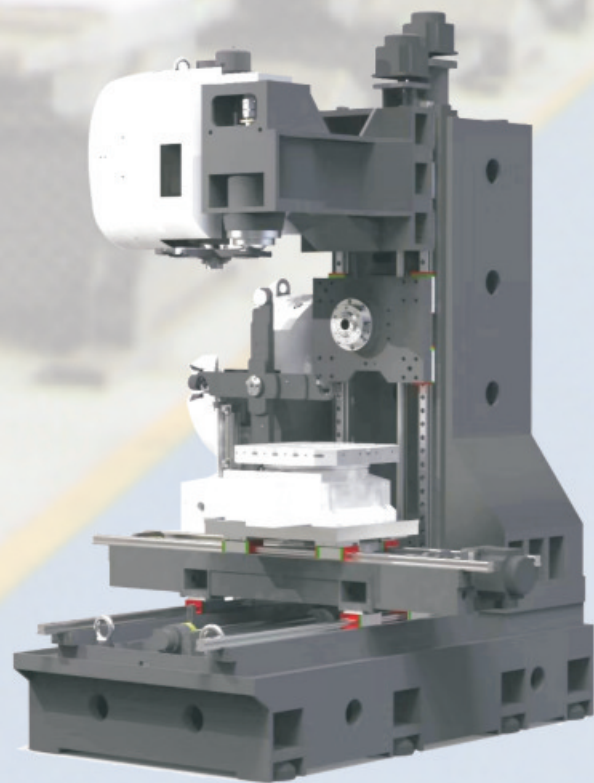


獨特強悍的機械結構 完美體現高剛性，持久穩定性

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

高精密加工 精益求精

High precision machining keeps improving



航空航天、汽車、醫療、能源、
交通建設、農業、模具、3C產業

Aerospace, automotive, medical, energy,
transportation construction, agriculture, mold,
3C industry

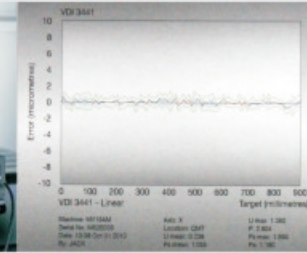
嚴格檢驗 性能保證

Strictly check the performance guarantee

激光鐳射檢驗
Laser inspection

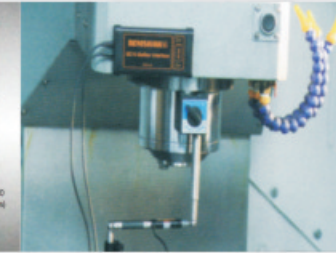


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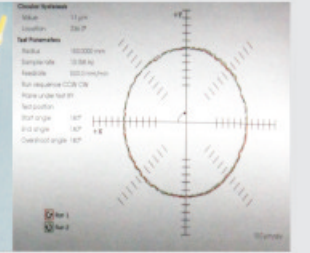


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Slides and screw (concentric and parallel)

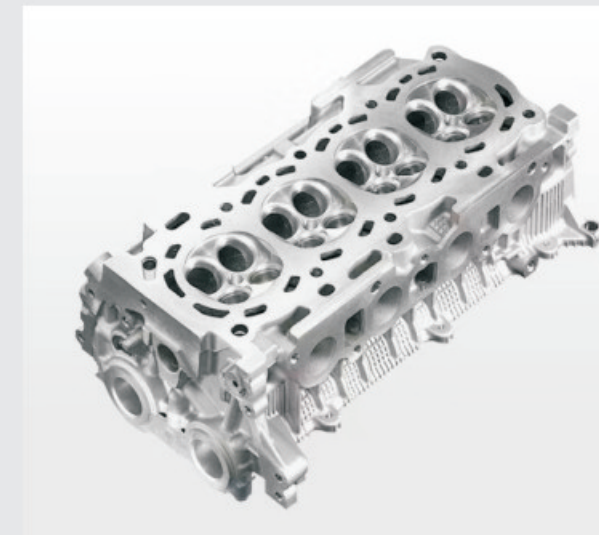


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Slides and screw (straightness and flatness)



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The pursuit of efficiency and the processing quality is the key to success



複合加工機、五軸加工機參數表

Composite processing machine, five axis processing machine parameter table

規格/機型	Specification/Model	單位 Unit	CF-1000	CF-1200	CF-1800	CF-63	CF-80	CF-500(立臥兩用) CF-500 (Both vertical and horizontal)	CF-400	CF-500
加工範圍 Processing range	X 軸行程 X-axis stroke	mm	1000	1200	1800	1100	1600	1100	1100	820
	Y 軸行程 Y-axis stroke	mm	750	900	1400	800	1000	Z2臥頭:450 Z1立頭:600 Z2 horizontal head:450 Z1 vertical head:600	500	520
	Z 軸行程 Z-axis travel	mm	600	700	900	1100	1000	Z2臥頭:600 Z2 lying head:600	600	460
	主軸中心至工作臺面距離 Distance from spindle center to working surface	mm	180-570	150-1050	30-1430	50-850	50-950	Z1立頭:110-760 Z2臥頭:300-900 Z1 vertical head:110-760 Z2 horizontal head:300-900	625	187
	主軸端面至工作臺中心距離 Distance from spindle end face to workbench center	mm	90-690	150-850	200-1100	125-1225	180-1180	Z1立頭:110-760 Z2臥頭:-150-450 Z1 vertical head:110-760 Z2 horizontal head:-150-450	50-650	220-680
工作臺規格 Table specification	工作臺尺寸(X 軸方向) Table size (X-axis direction)	mm	700	1360	2000	630	800	500/630	400	550
	工作臺尺寸(Y 軸方向) Table size (Y-axis direction)	mm	630	700	900	630	800	500/630	400	550
	工作臺數量 Number of workstations	個	1	1	1	1	1	1	1	1
	工作臺 T 型槽 Table T-groove	mm	6*18*100	5*18*152	5*22*165	5*18*100	7*20*100	7*18*100	8*14	8*14
	工作臺分度 Table indexing	/	1°	1°	1°	1° /0.001°	1° /0.001°	1° /0.001°	/	/
	最大承重 The largest bearing	kg	600	1000	1600	800	1500	500	200	250
主軸規格 Main specifications	主軸轉速 Spindle speed	rpm	6000	6000	6000	6000	6000	12000	15000	15000
	主軸電機功率 Spindle motor power	kw	11/15	11/15	15/18.5	15/18.5	15/18.5	11	11	11
	主軸規格 Main specifications	/	BT50	BT50	BT50	BT50	BT50	BT40	HSK A63	HSK A63
	傳動方式 The transmission way	/	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	直聯式 Direct connection	直聯式 Direct connection	直聯式 Direct connection
絲杆規格 Screw specifications	X、Y、Z軸滾柱絲杆規格 X, Y, Z roller screw specifications	mm	4012/5010/4012	5010/5010/5010	5512/5010/5512	5010/5010/5010	5512/5512/5512	4012/4012/4012	4010/4010/4010	4512/4512/4512
導軌規格 Guide specifications	X、Y、Z軸導軌規格 X, Y and Z axis guide rail specifications	mm	45/45/55	55/硬軌 Hardened rail /45	55/硬軌 Hardened rail /45	55/55/45	55/硬軌 Hardened rail /硬軌 Hardened rail	45/45/45	45	45
進給 Feed	X、Y、Z軸快速進給 X, Y, Z axis fast feed	m/min	24/24/24	24/12/24	24/12/24	24/24/24	12/10/10	36/36/36	36/36/36	36/36/36
	X、Y、Z軸電機規格 X, Y, Z axis motor specifications	Nm	16/16/16	16/18/20	26/30/30	40/40/40	30/40/50	3/3/3 (Z1) /3 (Z2)	36/36/48	36/36/48
機床尺寸 Machine size		mm	3600*2800*3000	3900*3100*2900	4500*3400*3200	4420*3300*3000	4900*3500*3200	3500*3300*2900	4400*3300*3400	4500*4200*3400
機床重量 Machine weight		T	10	14	16	11	17	8	9	10

*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。
Dimensions are subject to change without prior notice. The appearance of the machine is constantly adjusted, subject to the actual shipment.

高性能的選配件

High performance optional accessories



桁架式機械手
Truss manipulator



地軌式機械手
Earth-rail manipulator



FANUC系統
FANUC system



海德漢系統
Heidham system



在綫檢測
On-line inspection



全閉環光柵尺
Full closed loop grating ruler

標準配件 Standard Accessories

- FANUC系統
FANUC system
- BT50/6000rpm主軸
BT50/6000 RPM spindle
- 兩螺桿+鏈式排屑機
Two screw + chain chip eliminator
- 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
- 剛性攻牙功能
Rigid tapping function
- 水準調整螺絲及墊腳
Leveling screw and footings
- 操作說明書
Operating instruction
- 基礎工具箱
Basic toolbox

選配件 Options

- 西門子系統
Siemens system
- 三菱系統
Mitsubishi system
- 1/360° 分度盤
1/360° index plate
- 0.001° 分度盤
0.001° index plate
- 24/30/32T 圓盤式刀庫
24/30/32T disk knife library
- 主軸中心出水系統
Spindle center outlet system
- 光柵尺
Grating ruler
- 刀具測量系統
Tool measuring system
- 雙工作臺
Double work table
- 齒輪箱
Gear box