



LEADING THE WORLD IN CAM TECHNOLOGY

世界凸輪技術領先者

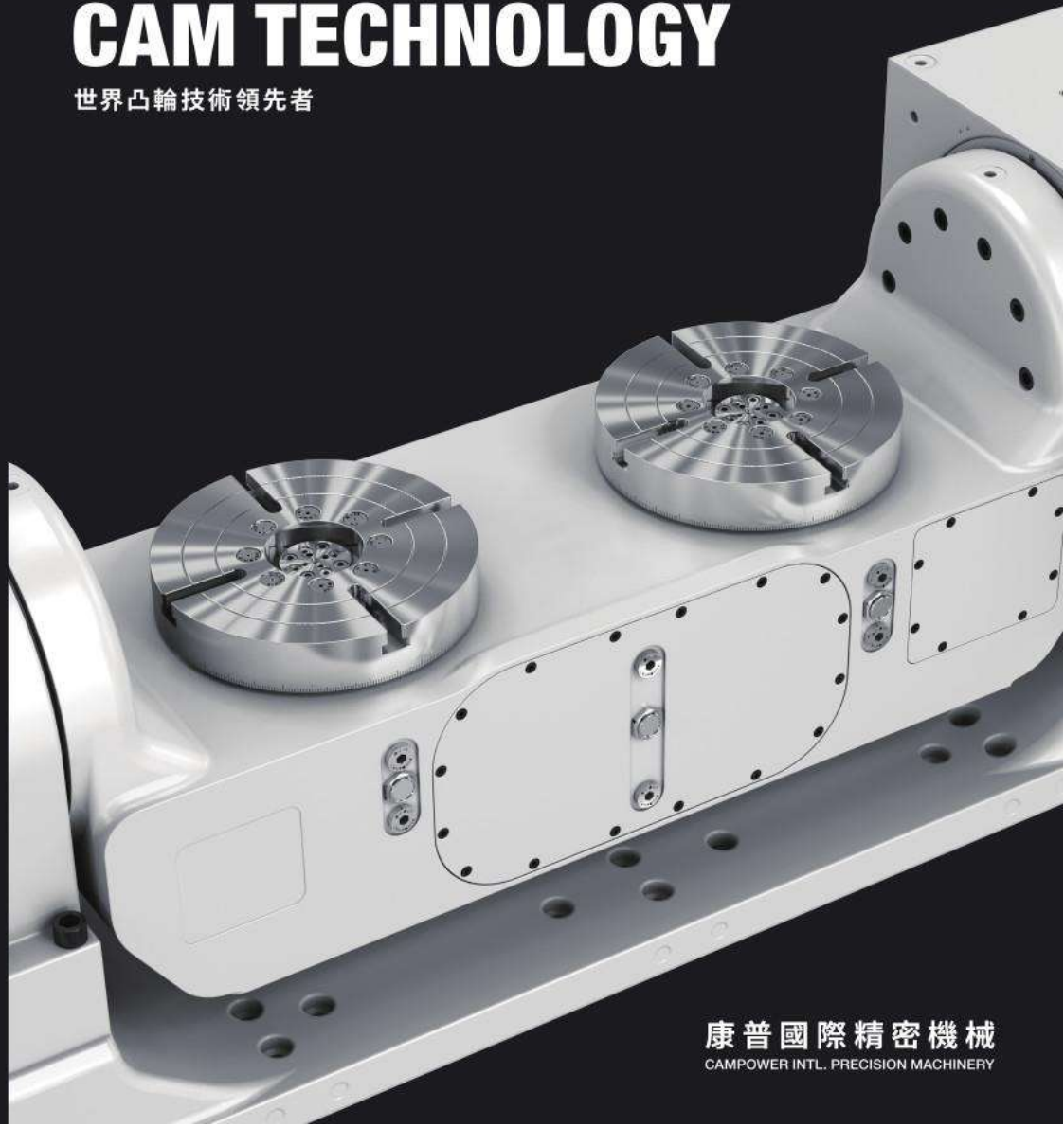


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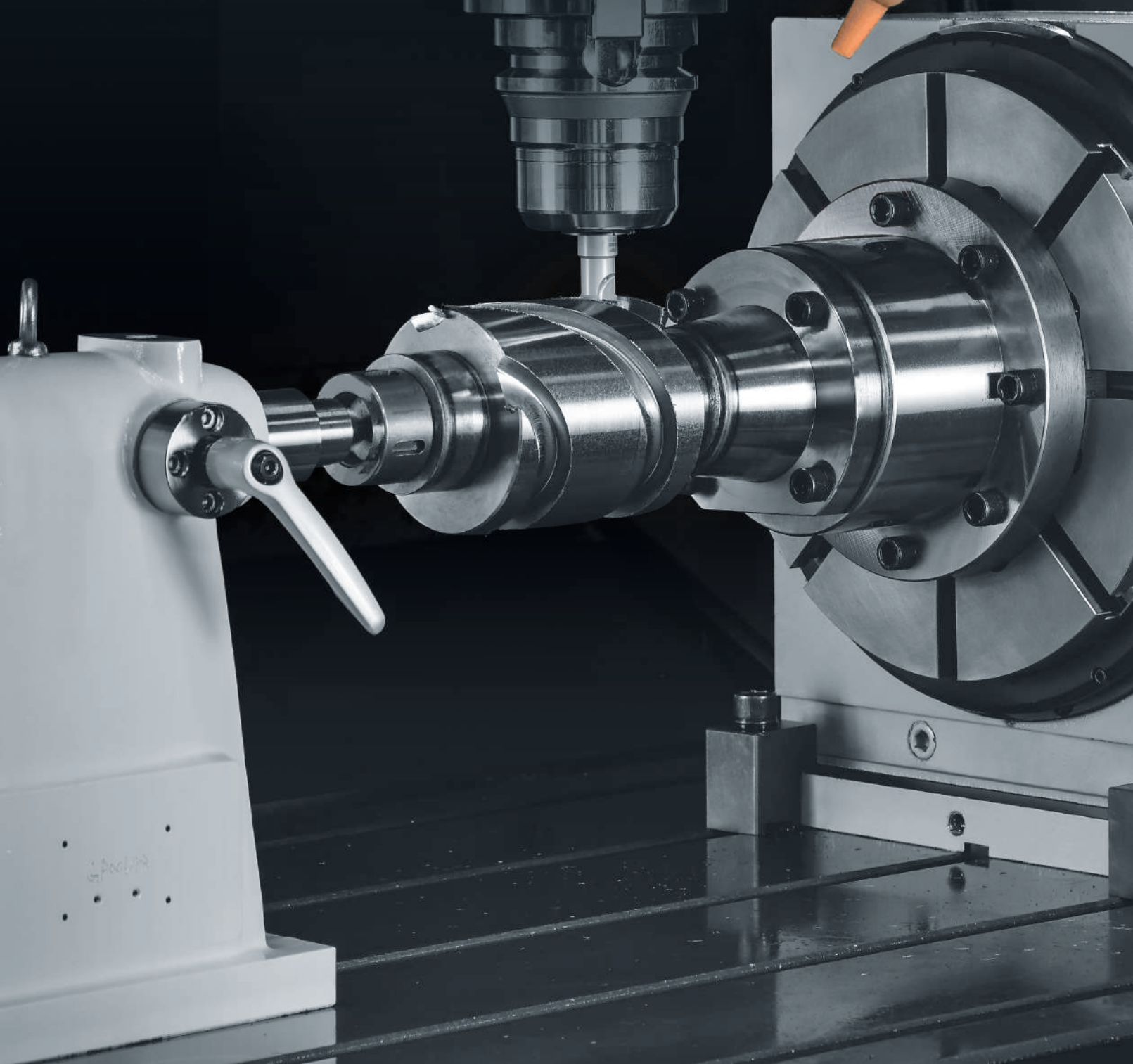
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康普領先同業的凸輪加工技術，
滿足您機構設計的多樣化需求。

Industry-Leading Cam Manufacturing Technology
Meeting Diverse Mechanical Design Requirements

Campower's Exclusive Roller Gear Cam Machining Technology



Contents

- 1 公司簡介
Company Profile
- 3 檢驗設備
Inspection Equipment
- 4 生產設備
Production Equipment
- 5 核心技術
Key Technology
- 7 滾齒凸輪的優勢
Advantage of Roller Gear Cam
- 9 四五軸檢驗精度表
Accuracy Tolerance Chart for 4 & 5 Axis

4 Axis

- 11 **RTC Series**
標準型一體式交叉滾柱軸承凸輪分度盤
Standard Type Bearing One
Piece Roller Gear Cam
Rotary Table
- 13 **RTD Series**
標準型高剛性交叉滾柱軸承凸輪分度盤
Standard Type High Rigidity
Roller Gear Cam
Rotary Table
- 17 **RDS Series**
優越型擴盤交叉滾柱軸承凸輪分度盤
Superior Type Extended Table
Roller Gear Cam
Rotary Table
- RDH Series**
優越型特殊中心高交叉滾柱軸承凸輪分度盤
Superior Type Special Center Height
Roller Gear Cam
Rotary Table
- 19 **RDX Series**
優越型大孔徑交叉滾柱軸承凸輪分度盤
Superior Type Large Bore
Roller Gear Cam
Rotary Table

5 Axis

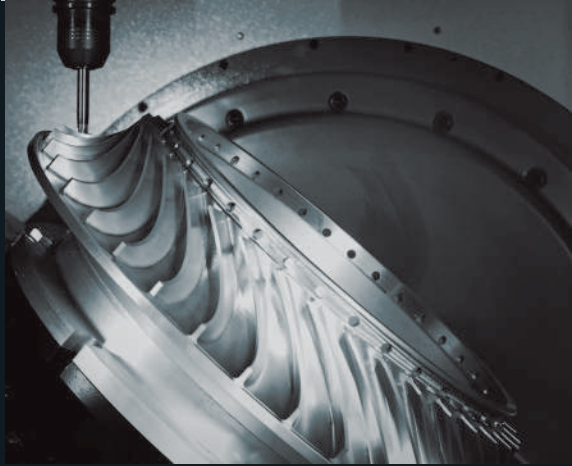
- 21 **RTA & RTAD Series**
雙軸/雙盤雙軸 單臂凸輪分度盤
Zero Backlash Roller Gear Cam
Cantilever Type / Double Table Cantilever Type
Rotary Table
- 23 **RTB Series**
雙軸搖籃凸輪分度盤
Zero Backlash Roller Gear Cam
Trunnion Tilting Type Rotary Table
- 31 **客製化使用案例**
Customized Application Cases

特殊規格 Special Specifications

- 33 **SPC Series**
凸輪式工作交換台
Auto Pallet Changer
- 35 **RSH Series**
搖擺頭
Rotary Spindle Head

數控旋轉工作台配件選配 Other Options for CNC Rotary Table

- 36 **圓盤尾座**
Rotary Tailstock
- 37 **頂針尾座**
Quill Tailstock
- 38 **橋式中底板**
Fixture and Base Plate
- 39 **夾頭、原點定位**
Chuck 、Right on Point
- 40 **工作台選用指引表**
Workbench Selection Guide



Campower is a Leading Taiwanese Manufacturer Specializing in Rotary Cam Technology.

No.1 凸輪分度盤製造商 TAIWAN

康普近年來陸續推出各種盤面規格的凸輪分度盤，全系列核心機構均搭載零背隙滾齒凸輪，具有加工高剛性、動作高速度及耐磨耗等特色，展現超精密定位的優勢，滿足工具機市場對精密加工的需求，是產業界推動轉型升級的最佳選擇。

航太、電動車等需精密加工的市場需求連年攀升，康普精機凸輪分度盤可進行多面、多角度以及螺旋狀特殊曲面加工的特點，使康普精機成為工具機大廠優先指定供應商。滾齒凸輪分度盤的高精度與零背隙特性，其穩定性可確保在大量生產下仍能維持品質一致，**精準穩定**成為康普精機所追求的終極目標。



In recent years, we have launched a wide range of rotary tables in various faceplate sizes. All models feature our core Roller Cam Driver mechanism, offering zero-backlash transmission, high rigidity for machining, fast motion performance, and excellent wear resistance. The zero-backlash design ensures ultra-precise positioning, making our products ideal for meeting the precision demands in the machine tool industry. CAMPOWER is the top choice for driving industrial transformation and upgrading.

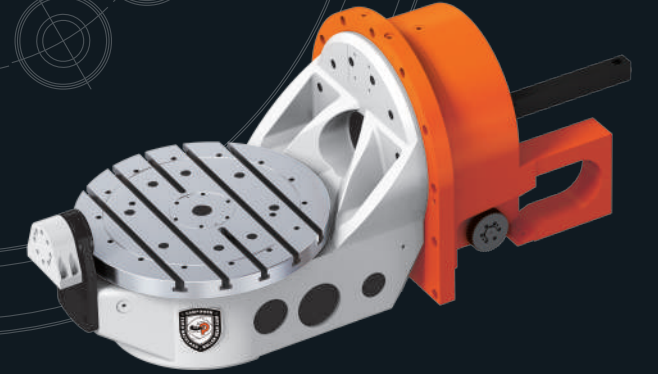
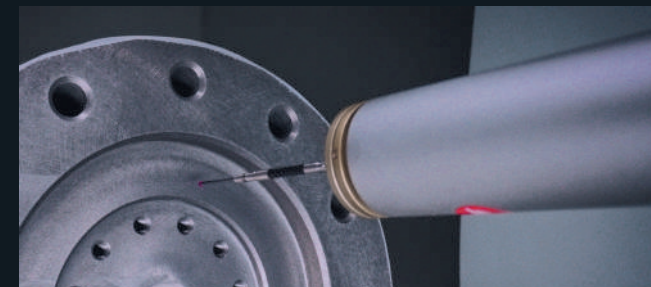
With the growing demand for precision machining in industries such as aerospace and electric vehicles, Campower rotary tables stand out for their ability to perform multi-surface, multi-angle, and complex helical contour machining. This has made Campower the preferred supplier for leading machine tool manufacturers. With high precision and zero-backlash characteristics, CamPower's roller cam indexing tables deliver outstanding stability and ensure consistent quality even in mass production. **Precision and Stability** remain the ultimate pursuit of CamPower.



Yes, we **cam** do anything.

數不盡的腳步，為追求高品質留下了不可抹滅的足跡，康普精機專注在凸輪機構的多方位運用及技術研發；服務精神則已經深入員工的 DNA 中，成為康普精機的文化與傳承。

Countless advancing footsteps have left lasting footprints in the pursuit of high quality. Campower focus on diverse applications and technical development of cam mechanisms and precision is our minimum requirement. Commitment to service has deeply engraved in our employees' DNA and has become our culture and legacy.



願景 Vision

成為世界凸輪分度盤的技術領導者。
To become the global technology leader in cam-driven rotary tables.

使命 Mission

專注於凸輪的核心技術，提供智慧製造的分度盤解決方案，成為全球精密機械產業客戶最可靠的合作夥伴。By focusing on core cam technologies, we deliver intelligent manufacturing rotary table solutions and strive to be the most trusted partner for customers in the global precision machinery industry.

核心價值 Core Values

誠信共贏、創新突破、團隊成長。
「誠信」是我們一切的行為根本，追求「共贏」則是我們的長遠目標。
「團隊」透過營造合作共贏的內部環境，我們相信，員工的成功與「成長」將為公司和客戶創造更多價值。
Integrity · Innovation · Collaboration · Growth
Integrity guides every decision we make.
Innovation drives us beyond conventional boundaries.
Collaboration empowers our teams and partners.
Growth—of our people, our customers, and our company—creates lasting value.





剎車扭矩測試 Brake Torque Test Station

高剛性環抱式剎車盤配置，重覆測試鎖緊力，確保剎車性能穩定精準。
High-rigidity drum brake system disc design, and test the power of clamping repeatedly, make sure the brake performance stability.

幾何精度檢測 The Inspection of Geometric Accuracy

採用BROWN & SHARPE 三次元量測系統，完整掌控零件幾何公差，以達到對品質的最高要求。

We use BROWN & SHARPE coordinate measuring machine to gain control of geometric tolerance, and make our products come up to high quality standard.



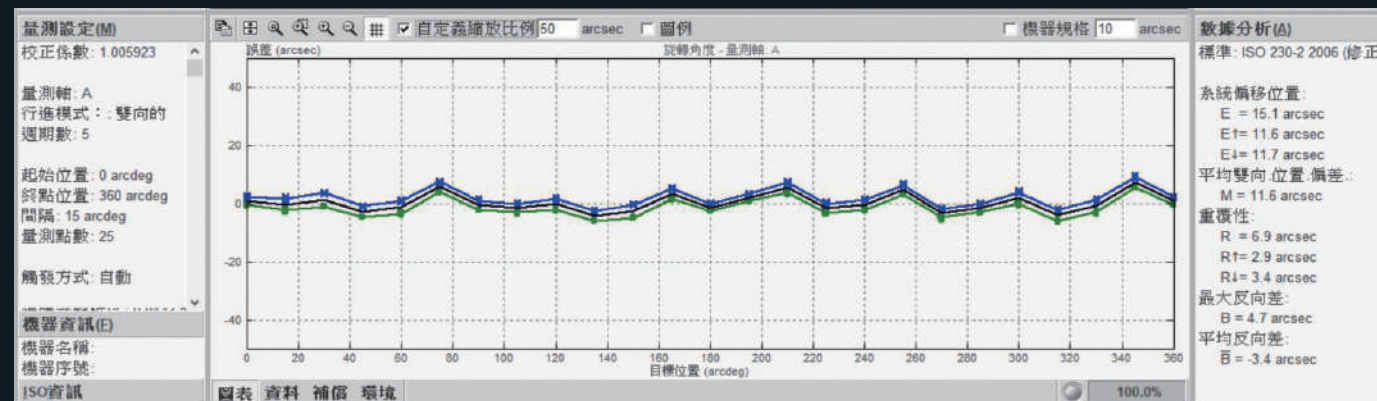
國際通用標準檢測定位與重覆精度

Test the Positioning and Repeating Accuracy with International Common Standards

採用全球最大雷射干涉儀製造廠Agilent的雷射動態校準儀，嚴格檢測定位與重覆精度。
We utilize the laser interferometer from the biggest apparatus manufacturer Agilent for strict accuracy of position and repeatability positioning precision.

康普ISO-230-2 2014 國際標準 Campower : ISO-230-2 2014 International Standard

康普轉台連續五次正轉/反轉重覆測定，符合ISO-230-2精度檢驗規範。
Campower rotary table, perform five consecutive forward/reverse motions as repeat measurements.
In compliance with ISO-230-2 precision inspection regulation.



分割精度檢測說明 (單向系統偏移位置 E+/E-) Segmentation Accuracy Test Description (Unilateral system offset position E+/E-)

ISO-230-2所規範的精度檢測為透過連續五次正轉/反轉重覆測定。單方向定位的分割定位值來表示。
ISO-230-2 specifies the accuracy test as continuous five consecutive forward/reverse motions in repeat. Represented by unilateral segmentation positioning value.

重覆精度檢測說明 (單向重覆定位 R+/R-) Repetitive Accuracy Test Description (Unilateral repeated positioning R+/R-)

ISO-230-2所規範的精度檢測為透過連續五次正轉/反轉重覆測定。單方向定位的重覆定位值來表示。
ISO-230-2 specifies the accuracy test as continuous five consecutive forward/reverse motions in repeat. Represented by unilateral repetitive positioning value.



生產設備 Production Equipment

立式研磨機 Vertical Grinding Machine

關鍵零組件採用日本進口立式研磨機加工，確保產品高精度及高品質。
We import the vertical grinding machine from Japan to process the key components, and make sure the product in high precision and high quality.



高精度加工設備 High Precision Machining Equipment

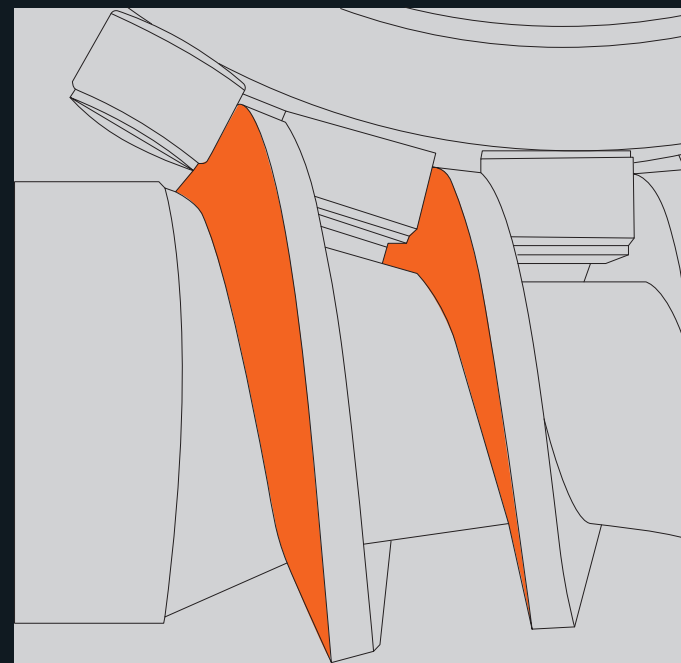
康普精機使用高精度加工設備，是我司對品質的最佳保證。
We have imported high precision machining equipment, which are our best guarantee of quality.



康普精機獨創多導程凸輪技術，多條獨立的曲線路徑彼此間隔均勻，讓凸輪驅動滾子運動時，任一角度都完美貼合曲面，達到分度盤「零背隙、高精度、極低磨耗」的嚴格要求。

CAMPOWER's patented multi-lead cam design features multiple evenly spaced, independent cam profiles. This advanced configuration ensures that the roller remains in constant, precise contact with the cam surface at any rotation angle. The result is exceptional indexing performance with zero backlash, high positioning accuracy, and minimal wear, meeting the rigorous demands of high-precision rotary tables.

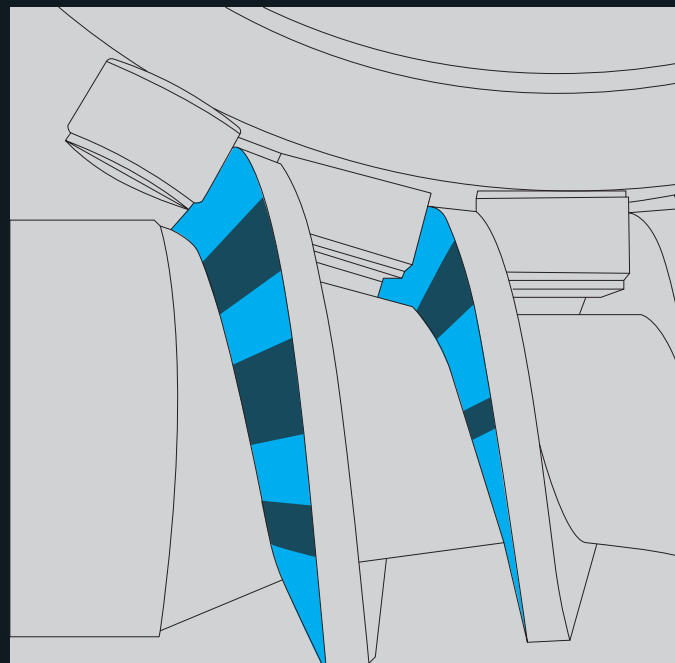
獨創多導程凸輪技術 Innovative Multi-lead Cam Technology



獨創多導程凸輪技術 Multi-Lead Cam Profile Design

多導程凸輪曲線設計，透過數學建模與動態分析，完美實現高連續性與高完整性，凸輪肋厚無需人工掏修，大幅減低運轉震動與異響。

Through mathematical modeling and dynamic analysis, CAMPOWER's multi-lead cam profile design achieves exceptional continuity and integrity. The cam ribs require no manual trimming, significantly reducing operational vibration and abnormal noise.



傳統單導程凸輪設計 Conventional Single-Lead Cam Design

傳統單導程凸輪系統，因程式設計落後、精研加工易產生砂輪磨耗、進給不良等問題，造成凸輪曲面斷裂不連續，增加機構干涉及磨損。

Traditional single-lead cam systems often suffer from outdated programming and limitations in precision grinding, leading to issues such as grinding wheel wear, inconsistent feed, and interrupted cam surfaces. These imperfections increase the risk of mechanical interference and accelerate component wear.



自主研發 軸承一體式結構設計 In-House Developed Integrated Bearing One-Piece Structure

內嵌式交叉滾柱軸承穩定支撐旋轉軸在旋轉中心線上旋轉，環抱鎖緊力量強，軸心不偏擺。

Built-in cross roller bearing stably supports the rotating shaft to rotate on the center line of rotation, the structure has strong locking force, which ensure the shaft center is not deflected.

軸承內嵌在心軸上 Built-in-spindle



軸承一體式結構

- 心軸、轉塔、軸承一體式設計
- 無組裝累積公差
- 高剛性極低背隙
- 減少製程及運輸產生的碳排放

Bearing One-Piece Structure

- Integrated design of spindle, turret and bearing
- No assembly tolerance stack-up
- High rigidity and extremely low backlash
- Reduce carbon emissions from manufacturing processes and parts transportation



軸承分離式結構

- 心軸轉塔結合設計
- 可使用市售各式軸承
- 降低組裝累積公差
- 機構剛性佳，極低背隙

Bearing Separation Structure

- Spindle turret combination design
- Can use all kinds of bearings available on the market
- Reduce the cumulative tolerance of assembly
- Excellent mechanism rigidity and extremely low backlash



單一轉塔結構

- 轉塔獨立加工
- 可按照客戶圖面加工

Single Turret Structure

- Turret independent processing
- Can be processed according to customer drawings

型號命名調整說明 Model Naming Update

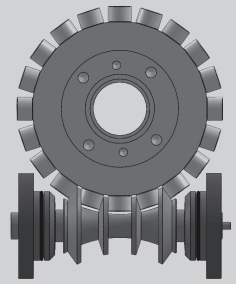
為使產品型號命名結構更加一致，並提升產品識別與選型的清晰度，康普精機已對部分產品之型號命名規則進行優化與調整。

本次調整僅涉及型號命名方式之更新，產品之結構設計、性能規格與品質標準皆維持不變。實際規格與供貨內容以本公司正式文件為準。

To ensure greater consistency in the model naming structure, and to improve clarity in product identification and selection, CamPower has optimized and updated the model naming rules for certain products.

This update applies to the model naming format only. Product design, performance specifications, and quality standards remain unchanged. Final specifications and delivery contents shall be subject to official company documentation.

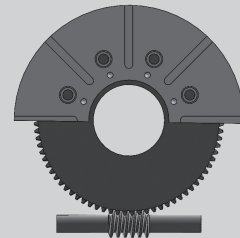
分度盤傳動特性比較 Rotary Table Drive Characteristics Comparison



滾齒凸輪
Roller Gear Cam

- 全時預壓 Full Time Preload
- 滾動傳導 Rolling Contact
- 極低磨耗 Ultra-low Wear
- 極低背隙 Ultra-low Backlash
- 高穩定度 High Stability

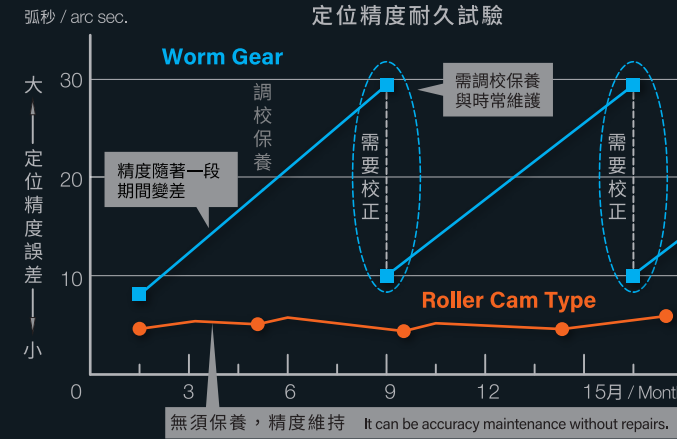
滾齒凸輪第四軸長期使用，可維持零背隙高精度
Zero backlash and high accuracy can be maintained under long-term use.



蝸桿蝸輪
Worm Gear

- 無預壓 No Preload
- 滑動傳導 Slide Contact
- 易磨損 Low Durability
- 背隙存在 Has Backlash
- 低穩定性 Low Stability

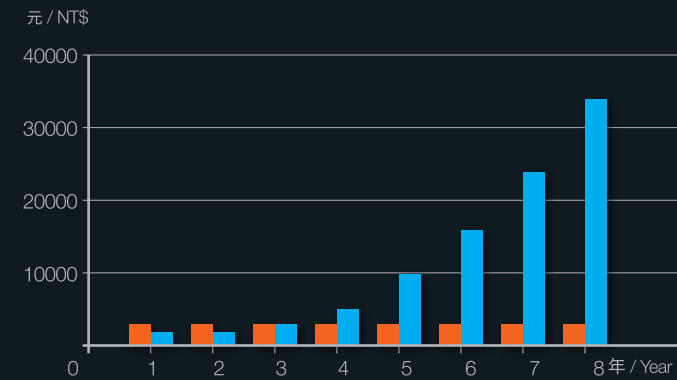
蝸桿蝸輪使用一段時間會產生磨耗現象，此時需調整間隙
After long-time rotating, Worm Gear precision has diminished and needs to repair.



長時間使用後的精度的比較 Comparison of Accuracy for Long-time Used

滾齒凸輪運轉5年，即使未維護，也能保持最初的精度。蝸桿蝸輪長時間運轉後，精度會下降，需定期保養。

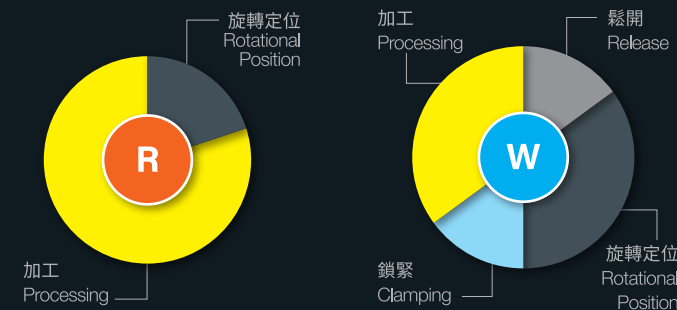
Even though roller gear rotating for 5 years, it can keep the precision at the first, without maintenance. After long-time rotating, worm gears precision has diminished and needs to repair.



維修費用的比較 Comparison of Maintenance Fee

滾齒凸輪不用調整背隙，大幅降低維修成本。蝸桿蝸輪一年需調整精度1~2次，需花費背隙調整費用及停機所造成的損失。

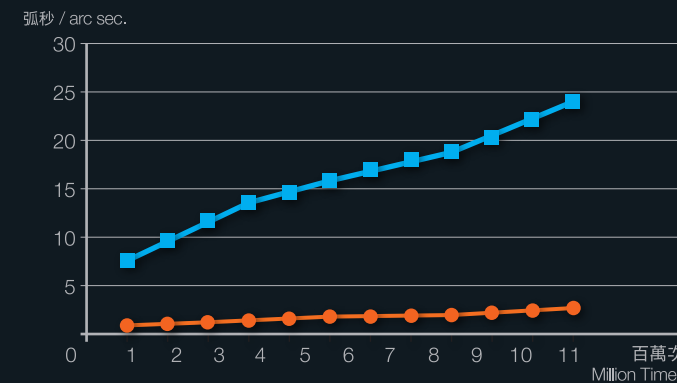
Roller gear didn't need to adjusted backlash. Therefore, it can reduce cost of maintenance. Worm gear needs to adjusted 1 to 2 times per year, and it have to cost of maintenance. Moreover, it brings about loss by shut down machine.



旋轉定位時間比較 Comparison the Time of Rotational Position

滾齒凸輪無背隙、高剛性，可節省鬆開鎖緊時間。蝸桿蝸輪要固定動作，需花費時間鬆開鎖緊。

Roller gear is zero backlash, high rigidity and reduce the time to clamping and releasing. Worm gear has to fired act pattern, it would be take time to clamping and releasing.

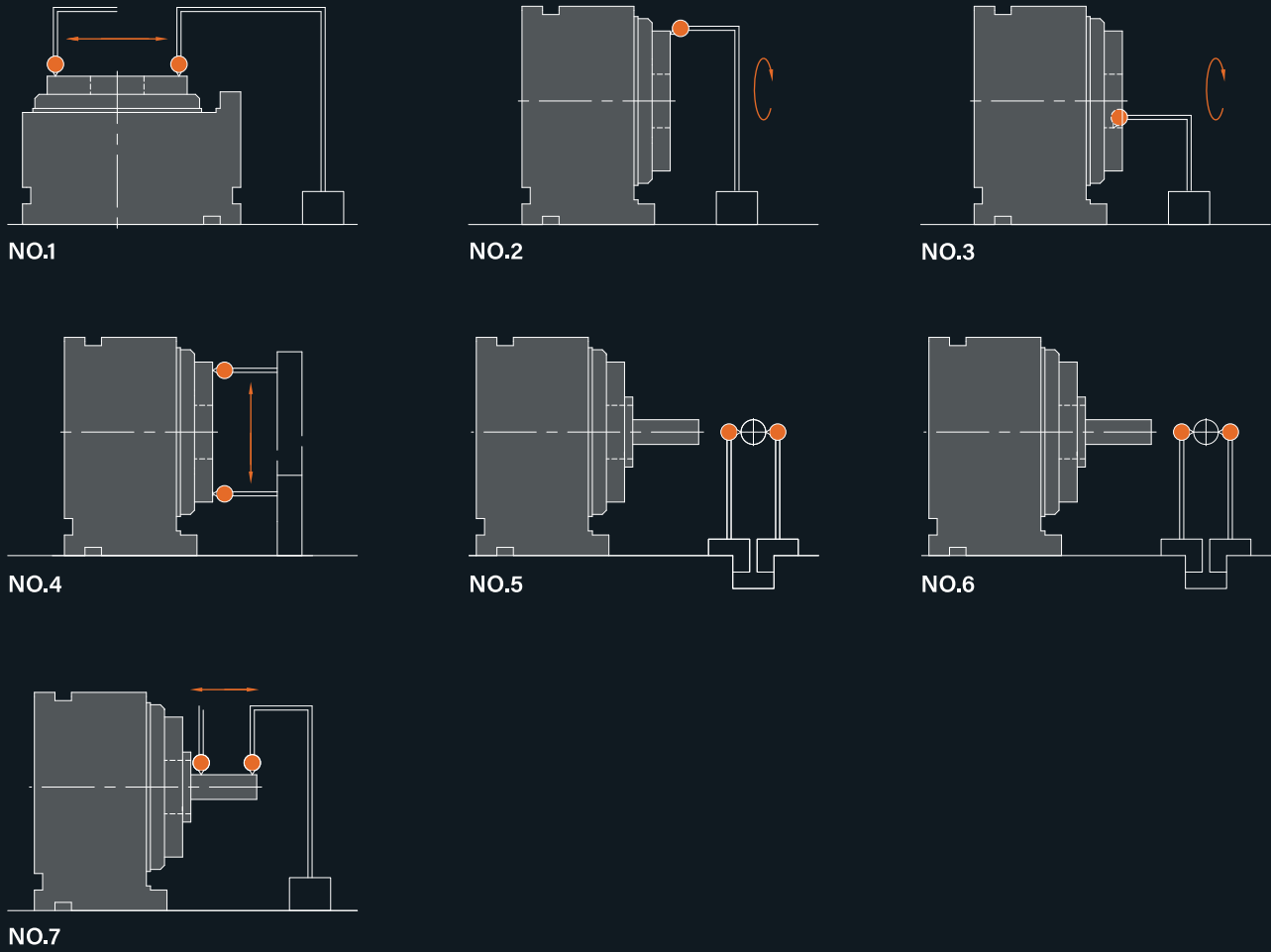


機構旋轉1200萬轉以後精度的比較 Comparison of Precision After Rotating 12 Million Times

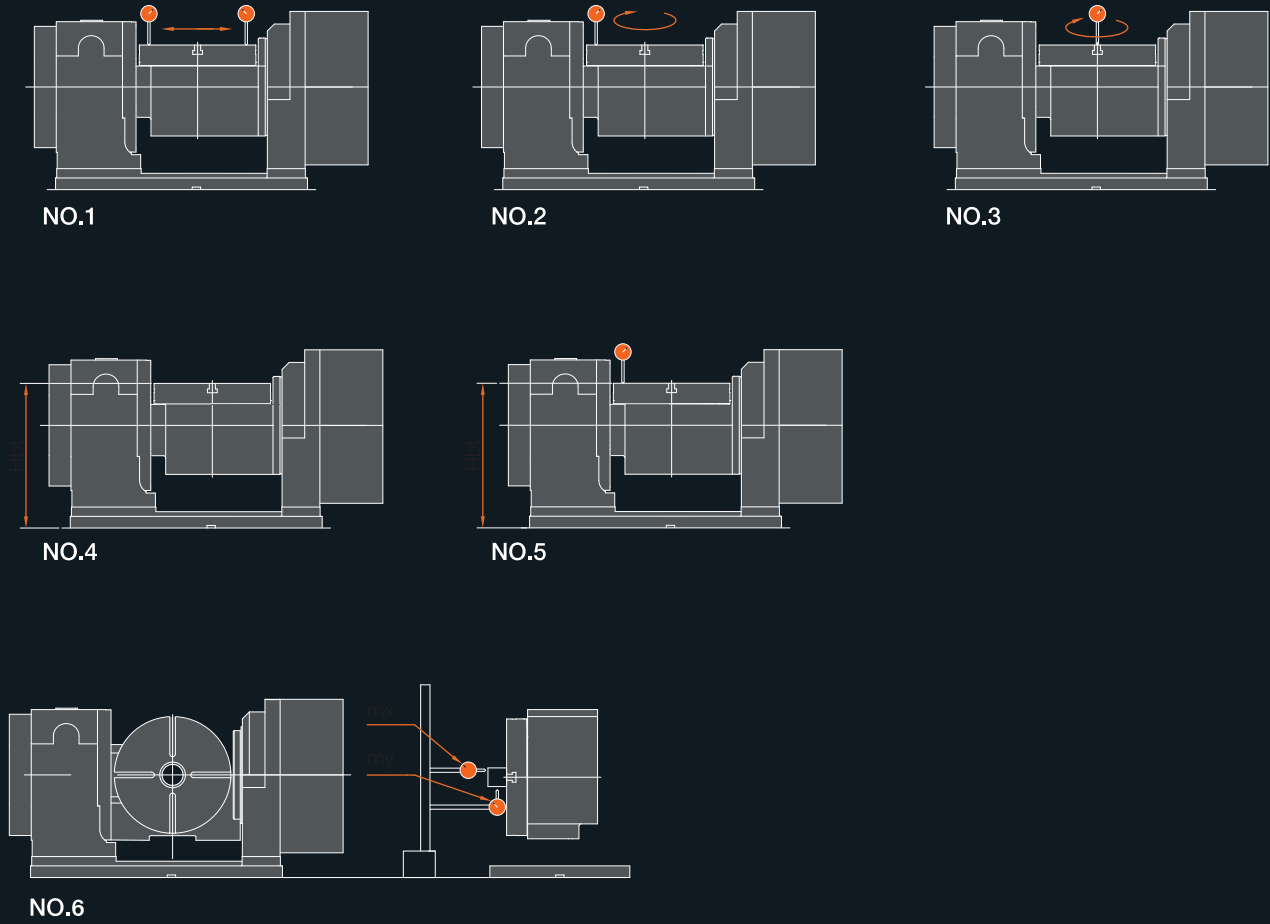
滾齒凸輪旋轉1200萬轉後，定位精度微幅增加1秒左右，穩定性極佳。蝸桿蝸輪旋轉100萬轉後，隨著磨損，精度將逐步變差。

After roller gear has rotated for 12 million times, the precision is slight increase in 1 second, and super stability. After worm gear has rotated for 1 million times, whereas the precision changes for the worse.





檢驗項目 Description of Insection	NO.	容許值 Allowable value		
臥式安裝，盤面與底面平行度 Parallelism between table surface and frame bottom surface	1	盤面直徑 Table Diameter Ø125~Ø200	盤面直徑 Table Diameter Ø250~Ø500	盤面直徑 Table Diameter Ø630~Ø800以上
		0.01	0.015	0.02
盤面旋轉起伏 Runout of table surface	2	0.01	0.01	0.02
盤面基準孔旋轉偏擺 Runout of table reference bore	3	0.01	0.01	0.01
盤面與底面垂直度 Squareness of table surface	4	0.02	0.02	0.02
迴轉中心線與基準定位鍵平行度 Parallelism between rotating center and center of guide blocks	5	0.02	0.02	0.02
迴轉中心線與基準定位鍵偏差值 Deviation between rotating center and center of guide blocks	6	0.02	0.02	0.02
迴轉中心線與底面平行度 Between rotating center and frame bottom surface	7	0.02	0.02	0.025
分割定位精度/arc. sec Indexing accuracy	8	以型錄數據為主 Main catalog data		
重覆定位精度/arc. Sec Repeatability accuracy	9			



檢驗項目 Description of Insection	NO.	容許值 Allowable value	
工作盤面與基座底面平行度 Parallelism Between Table Surface and Frame Bottom Surface	1	0.02 mm	
工作盤面旋轉起伏度 Runout of Table SurfaceFork Mass	2	0.02 mmv	
盤面中心孔旋轉偏擺量 Runout of Table Conter Bore	3	0.01 mm	
工作盤面與基座底面的高度 Height Between Bottom Surface and Table Surface	4	Hbc ±0.5	
傾斜軸中心與基座底面的高度 Height Between Bottom Surface and Tilting Center	5	Hbc ±0.5	
T型溝/治具盤真直度 T-slot / Jig plate straightness	6	0.015/300 mm	
分割定位精度 Rotating Axis Indexing Accuracy	7	旋轉軸 Rotating 傾斜軸 Tilting	以型錄數據為主 Main catalog data
重覆定位精度 Rotating Axis Repeatability accuracy	8	旋轉軸 Rotating 傾斜軸 Tilting	



RTC-170HR4PS

第四軸標準型 4 th Axis Standard Type	
機型規格 (一體式交叉滾柱軸承) Model Specifications Bearing One-Piece Roller Gear Cam	
轉盤直徑 Rotary Table Diameter	
剎車輸入源 (氣壓 / 油壓) Brake Input Source (Pneumatic/Hydraulic)	
馬達配置 (右 / 左) Motor Configuration (Right/Left)	
分配器數量 Number of Distributors	
特殊外罩鍍金 Special Protective Sheet Metal Housing	

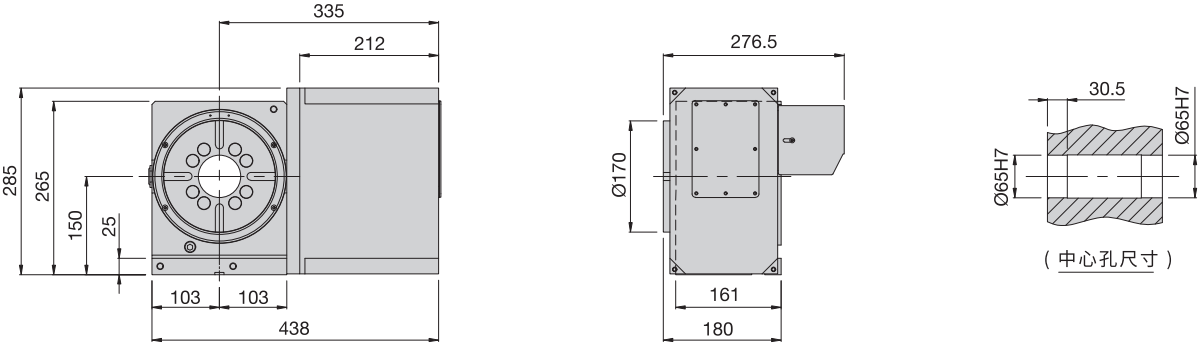
- 高精度
 - 高剛性
 - 高扭力
 - 大孔徑
 - 立臥兩用
 - 油壓環抱
- High Precision
 - High Rigidity
 - High Torque
 - Big spindle bore
 - Suitable for Vertical And Horizontal Mounting
 - Hydraulic embracing



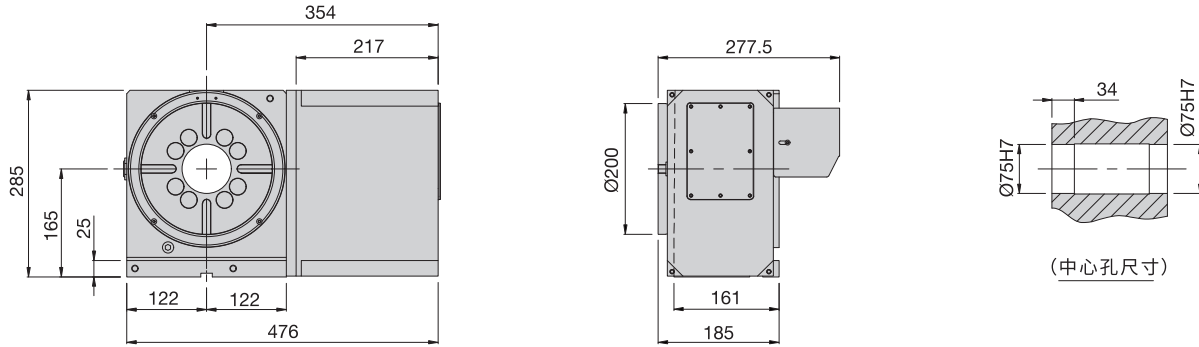
規格			Specification		RTC-170HR	RTC-200HR	RTC-250HR	RTC-320HR
盤面直徑		Table Diameter		mm	Ø170	Ø200	Ø250	Ø320
中心高度 (立式)		Center Height (Vertical)		mm	150	165	210	255
底部到盤面高度 (臥式)		Table Surface Height (Horizontal)		mm	180	185	220	240
盤面基準孔		Reference Hole Diameter		mm	Ø65H7	Ø75H7	Ø110H7	Ø165H7
中心貫穿孔		Through Hole Diameter		mm	Ø65H7	Ø75H7	Ø110H7	Ø165H7
盤面 T 型溝		Table Width		mm	12H7	12H7	12H7	14H7
基準定位鍵		Degree of Reference Channel Width		mm	14h7	18h7	18h7	18h7
最小分度單位		MIN. Increment		deg.	0.001°	0.001°	0.001°	0.001°
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定		Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor		rpm	50	50	50	50
總減速比		Gear Ratio			1/60	1/60	1/60	1/60
分割定位精度		Indexing Accuracy		arc-sec	15	15	12	12
重複定位精度		Repeatability Accuracy		arc-sec	4	4	4	4
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC			αiF 4	αiF 4	αiF 8	αiF 12
		MITSUBISHI			HG104S	HG104S	HG154S	HG204S
		SIEMENS			1FK7060	1FK7060	1FK7063	1FK7083
		YASKAWA			SGM7G-09A	SGM7G-09A	SGM7G-13A	SGM7G-30A
鎖緊動力源		Clamp System			油壓 H	油壓 H	油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力		Pneumatic / Hydraulic Pressure		kg/cm ²	35	35	35	35
氣壓 / 油壓鎖緊扭矩		Pneumatic / Hydraulic Clamping Torque		kg.m	60	80	95	230
容許工件載重 MAX. Allowable Load on the Table	立式 Vertical		kg	90	145	200	320	
	立式使用尾座 Vertical with Tailstock		kg	180	290	400	650	
	臥式 Horizontal		kg	180	290	400	650	
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)	容許軸向負荷 Allowable Axial Load		kgf	2100	3200	4300	5200	
	最大輸出扭矩 Max. Output Torque		kgf.m	60	80	95	230	
	容許彎曲扭矩 Allowable Bending Torque		kgf.m	122	314	490	635	
最大容許轉動慣量 Max. Allowable Moment of Inertia		J=(W•D ²) / 8		kgf.m ²	1.4	3.26	6.12	10.4
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)				kg	70	100	170	280

※ 最高轉速依不同馬達廠牌規定而有所不同。
※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元。

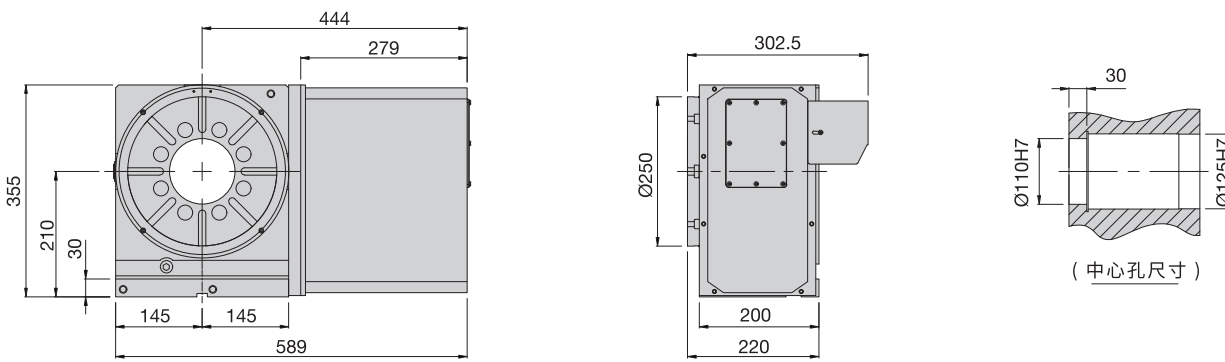
※ Maximum speed varies with different motor brand specifications.
※ The above does not include servo motors, encoders, drives and hydraulic units.



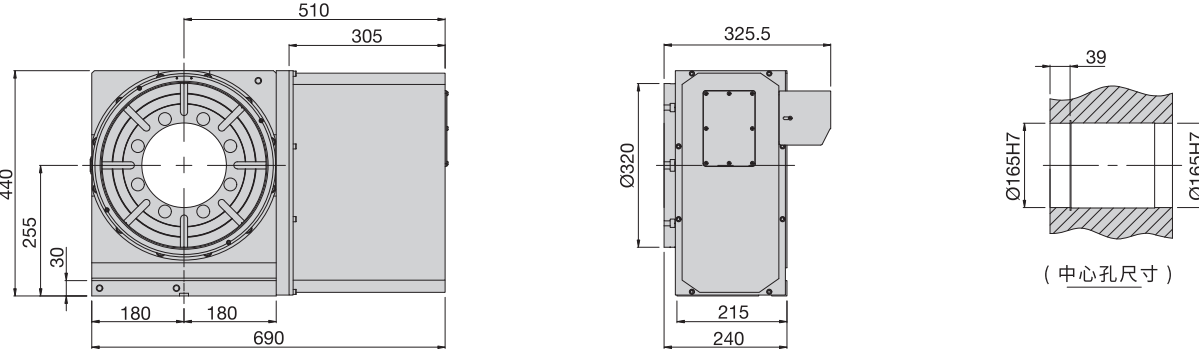
RTC-170HR



RTC-200HR



RTC-250HR



RTC-320HR

※ 實際外觀與尺寸請以本公司最終規格為準。

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RTD-125HR4PS

第四軸標準型 4 th Axis Standard Type	
機型規格 (高剛性交叉滾柱軸承) Model Specifications High Rigidity Roller Gear Cam	
轉盤直徑 Rotary Table Diameter	
剎車輸入源 (氣壓 / 油壓) Brake Input Source (Pneumatic/Hydraulic)	
馬達配置 (右 / 左) Motor Configuration (Right/Left)	
分配器數量 Number of Distributors	
特殊外罩鍍金 Special Protective Sheet Metal Housing	

- 高精度
- 高轉速
- 傳動快
- 極低磨耗
- 立臥兩用
- 交叉滾柱軸承

- High Precision
- High Speed
- High Transmission
- Extremely low wear consumption
- Suitable for vertical and horizontal mounting
- "Cross roller" bearing



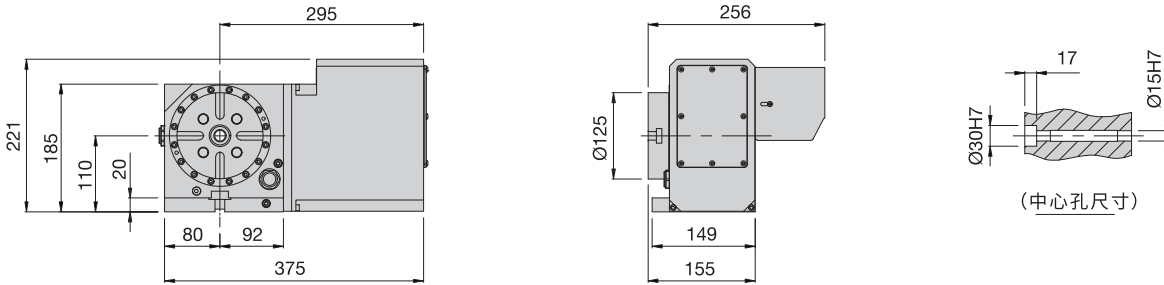
規格			Specification		RTD-125PR/HR	RTD-170PR/HR RTD-170PL/HL	RTD-200HR/HL	RTD-250HR	
盤面直徑	Table Diameter		mm		Ø125	Ø170	Ø200	Ø250	
中心高度 (立式)	Center Height (Vertical)		mm		110	135	160	185	
底部到盤面高度 (臥式)	Table Surface Height (Horizontal)		mm		155	195	205	215	
盤面基準孔	Reference Hole Diameter		mm		Ø30H7	Ø60H7	Ø60H7	Ø90H7	
中心貫穿孔	Through Hole Diameter		mm		Ø15H7	Ø45H7	Ø45H7	Ø60H7	
盤面 T 型溝	Table Width		mm		12H7	12H7	12H7	12H7	
基準定位鍵	Degree of Reference Channel Width		mm		14h7	14h7	18h7	18h7	
最小分度單位	MIN. Increment		deg.		0.001°	0.001°	0.001°	0.001°	
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定	Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor		rpm		75	83	50	50	
總減速比	Gear Ratio				1/40	1/36	1/60	1/60	
分割定位精度	Indexing Accuracy		arc-sec		30	16	15	12	
重覆定位精度	Repeatability Accuracy		arc-sec		6	4	4	4	
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC			αiF 2 βiS 4	αiF 4 βiS 8	αiF 4 βiS 8	αiF 8 βiS 12	
		mitsubishi			HG75S	HG104S	HG104S	HG154S	
		SIEMENS			1FK7042	1FK7060	1FK7060	1FK7063	
		YASKAWA			SGM7G-05 A	SGM7G-09 A	SGM7G-09 A	SGM7G-13 A	
鎖緊動力源			Clamp System		氣壓 P / 油壓 H	氣壓 P / 油壓 H	油壓 H	油壓 H	
氣壓 / 油壓鎖緊壓力	Pneumatic / Hydraulic Pressure		kg/cm ²		5/14	5/35	35	35	
氣壓 / 油壓鎖緊扭矩	Pneumatic / Hydraulic Clamping Torque		kg.m		14/18	26/45	80	95	
容許工件載重 MAX. Allowable Load on the Table	立式 Vertical		kg		50	90	145	200	
	立式使用尾座 Vertical with Tailstock		kg		100	180	290	400	
	臥式 Horizontal		kg		100	180	290	400	
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)	容許軸向負荷 Allowable Axial Load		kgf		970	2100	3200	4300	
	最大輸出扭矩 Max. Output Torque		kgf.m		14	26/60	80	95	
	容許彎曲扭矩 Allowable Bending Torque		kgf.m		41	122	314	490	
最大容許轉動慣量 Max. Allowable Moment of Inertia			J=(W•D ³) / 8		kgf.m ²	0.2	1.4	3.26	6.12
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)				kg	35	60	80	118	

※ 最高轉速依不同馬達廠牌規定而有所不同。
※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元。

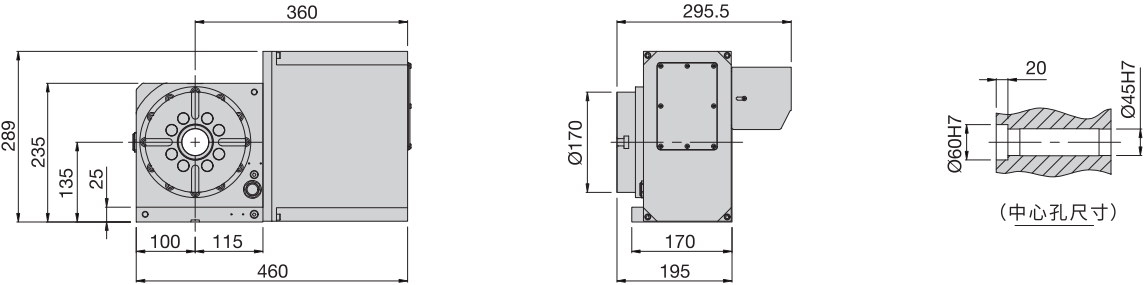
※ Maximum speed varies with different motor brand specifications.
※ The above does not include servo motors, encoders, drives and hydraulic units.



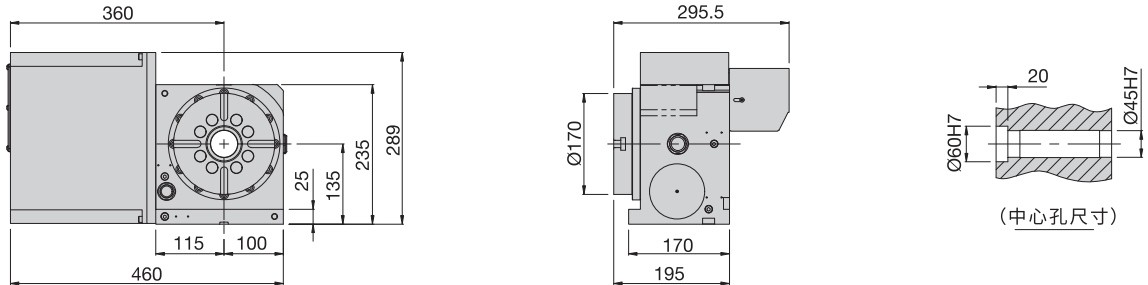
RTD-125PR
RTD-125HR



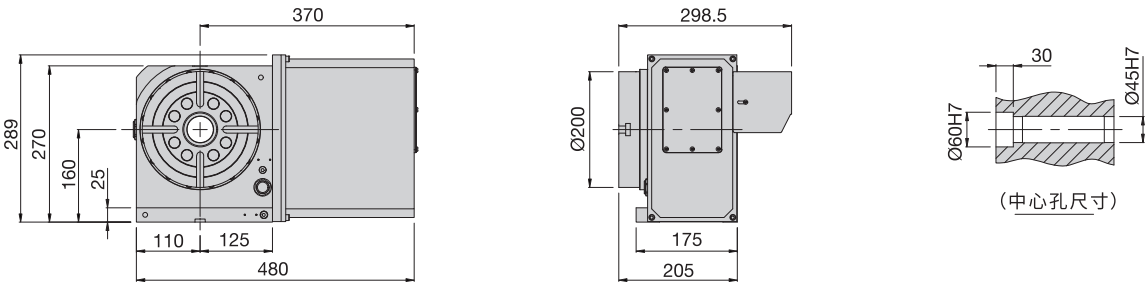
RTD-170PR
RTD-170HR



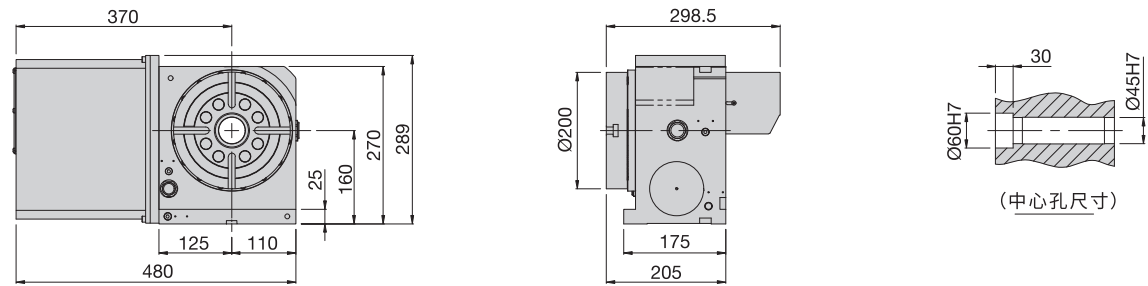
RTD-170PL
RTD-170HL



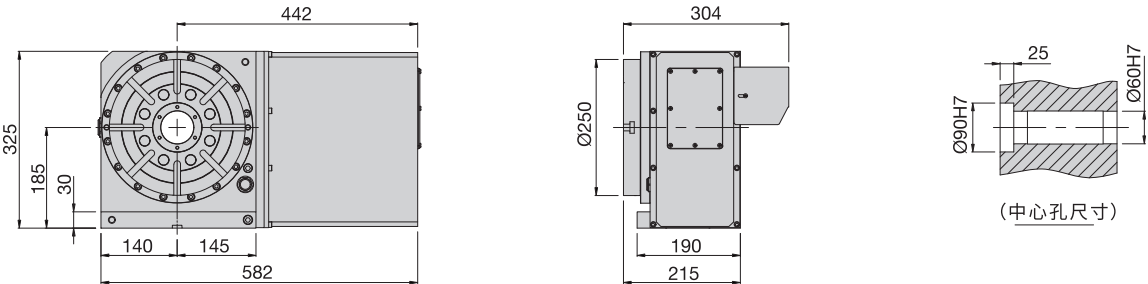
RTD-200HR



RTD-200HL



RTD-250HR



※ 實際外觀與尺寸請以本公司最終規格為準。

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RTD-320HR4PS

第四軸標準型
4 th Axis Standard Type

機型規格 (高剛性交叉滾柱軸承)
Model Specifications
High Rigidity Roller Gear Cam

轉盤直徑
Rotary Table Diameter

剎車輸入源 (氣壓 / 油壓)
Brake Input Source (Pneumatic/Hydraulic)

馬達配置 (右 / 左)
Motor Configuration (Right/Left)

分配器數量
Number of Distributors

特殊外罩鍍金
Special Protective Sheet Metal Housing

• 高精度

• 高轉速

• 傳動快

• 交叉滾柱軸承

• 極低磨耗

• 立臥兩用

• High Precision

• High Speed

• High Transmission

• "Cross roller" bearing

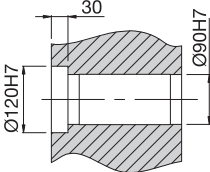
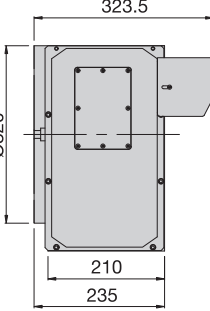
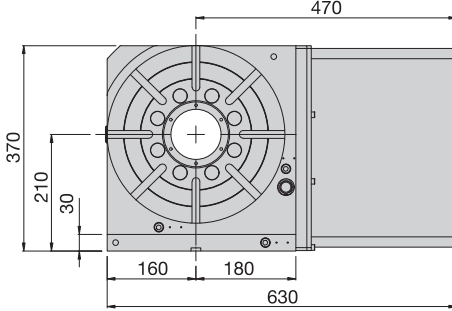
• Extremely low wear consumption

• Suitable for vertical and horizontal mounting



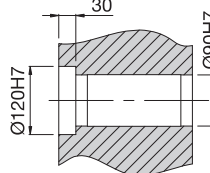
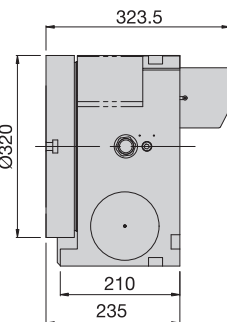
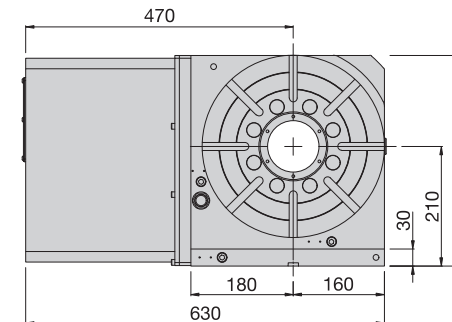
規格	Specification		RTD-320HR RTD-320HL	RTD-400HR	RTD-500HR	RTD-630HR	
盤面直徑	Table Diameter	mm	Ø320	Ø400	Φ500	Ø630	
中心高度 (立式)	Center Height (Vertical)	mm	210	255	310	400	
底部到盤面高度 (臥式)	Table Surface Height (Horizontal)	mm	235	240	300	380	
盤面基準孔	Reference Hole Diameter	mm	Ø120H7	Ø165H7	Φ150H7	Ø250H7	
中心貫穿孔	Through Hole Diameter	mm	Ø90H7	Ø165H7	Φ200H7	Ø220H7	
盤面 T 型溝	Table Width	mm	14H7	14H7	14H7	18H7	
基準定位鍵	Degree of Reference Channel Width	mm	18h7	18h7	18h7	18h7	
最小分度單位	MIN. Increment	deg.	0.001°	0.001°	0.001°	0.001°	
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定	Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm	50	50	25	25	
總減速比	Gear Ratio		1/60	1/60	1/120	1/120	
分割定位精度	Indexing Accuracy	arc-sec	12	12	12	12	
重覆定位精度	Repeatability Accuracy	arc-sec	4	4	4	4	
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC	αiF 12 βiS 22	αiF 12 βiS 22	αiF 12 βiS 22	αiF 22 βiS 22	
		MITSUBISHI	HG204S	HG204S	HG204S	HF354S	
		SIEMENS	1FK7083	1FK7083	1FK7083	1FK7101	
		YASKAWA	SGM7G-30 A	SGM7G-30 A	SGM7G-30 A	-	
鎖緊動力源		Clamp System		油壓 H	油壓 H	油壓 H	
氣壓 / 油壓鎖緊壓力		Pneumatic / Hydraulic Pressure	kg/cm ²	35	35	35	
氣壓 / 油壓鎖緊扭矩		Pneumatic / Hydraulic Clamping Torque	kg.m	230	250	420	
容許工件載重 MAX. Allowable Load on the Table	立式 Vertical		kg	260	320	475	
	立式使用尾座 Vertical with Tailstock		kg	520	650	950	
	臥式 Horizontal		kg	520	650	950	
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)	容許軸向負荷 Allowable Axial Load		kgf	5200	8500	9900	
	最大輸出扭矩 Max. Output Torque		kgf.m	230	420	850	
	容許彎曲扭矩 Allowable Bending Torque		kgf.m	635	990	1300	
最大容許轉動慣量 Max. Allowable Moment of Inertia			kgf.m ²	10.4	24	42.7	
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)			kg	180	295	450	

RTD-320HR



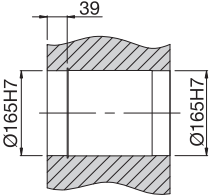
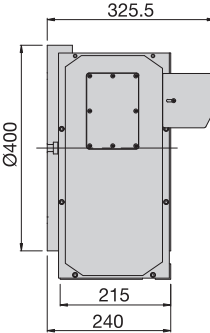
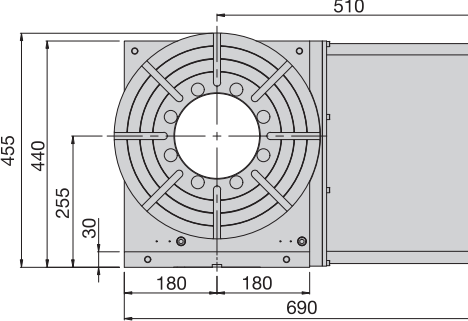
(中心孔尺寸)

RTD-320HL



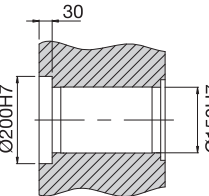
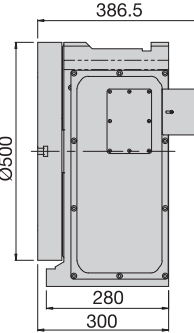
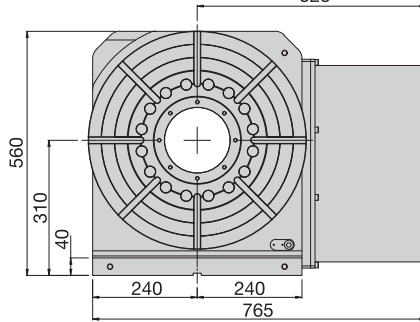
(中心孔尺寸)

RTD-400HR



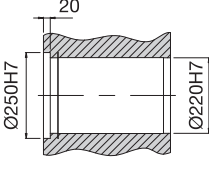
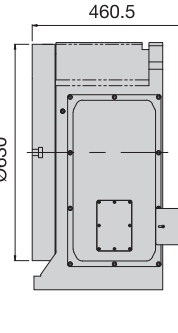
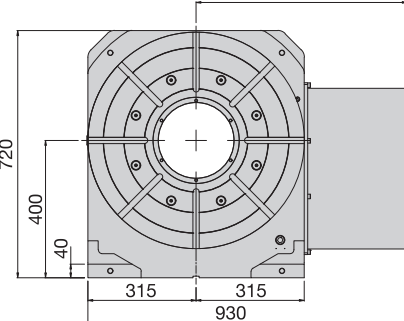
(中心孔尺寸)

RTD-500HR



(中心孔尺寸)

RTD-630HR



(中心孔尺寸)

※ 實際外觀與尺寸請以本公司最終規格為準。

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RDS/H - 200HR4PS

第四軸優越型
4 th Axis Superior Type

機型規格 S - 擴盤 / H - 特殊中心高
Model Specifications
S - Extended Table /
H - Special Center Height

轉盤直徑
Rotary Table Diameter

剎車輸入源 (氣壓 / 油壓)
Brake Input Source (Pneumatic/Hydraulic)

馬達配置 (右 / 左)
Motor Configuration (Right/Left)

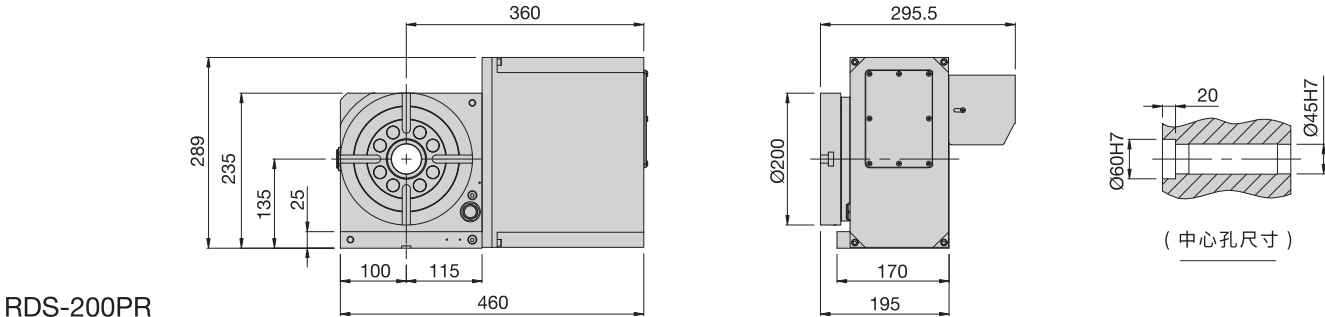
分配器數量
Number of Distributors

特殊外罩鍍金
Special Protective Sheet Metal Housing

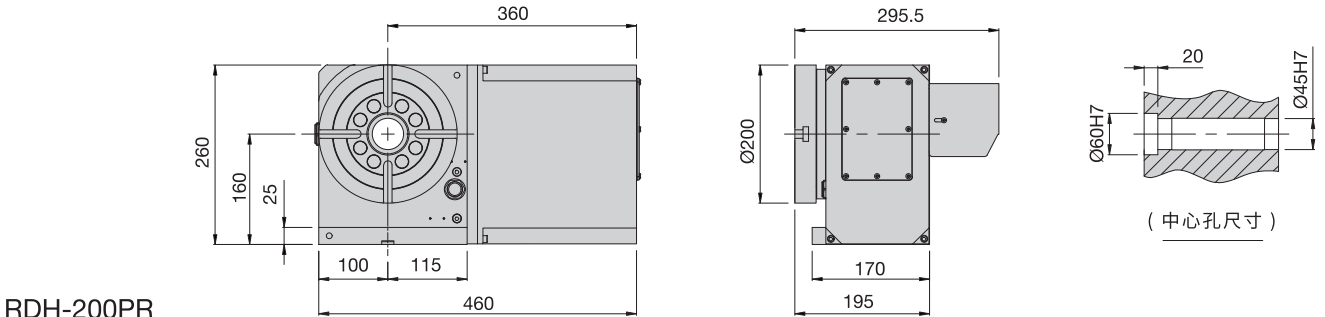


- 高精度
 - 高轉速
 - 全新優化機種
 - 立臥兩用
 - 特殊中心高交叉滾柱軸承
- High Precision
 - High Speed
 - Newly optimized model
 - Suitable for vertical and horizontal mounting
 - Special Center Height Roller Gear Cam

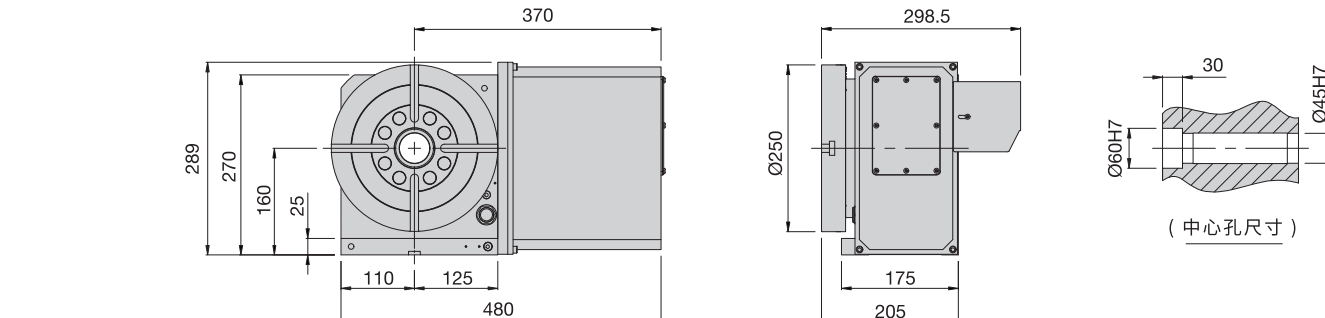
規格			Specification		RDS-200PR RDS-200HR	RDH-200PR RDH-200HR	RDS-250HR RDS-250HL	RDS-300HR
盤面直徑		Table Diameter		mm	Ø200	Ø200	Ø250	Ø300
中心高度 (立式)		Center Height (Vertical)		mm	135	160	160	185
底部到盤面高度 (臥式)		Table Surface Height (Horizontal)		mm	195	195	205	215
盤面基準孔		Reference Hole Diameter		mm	Ø60H7	Ø60H7	Ø60H7	Ø90H7
中心貫穿孔		Through Hole Diameter		mm	Ø45H7	Ø45H7	Ø45H7	Ø60H7
盤面 T 型溝		Table Width		mm	12H7	12H7	12H7	12H7
基準定位鍵		Degree of Reference Channel Width		mm	14h7	18h7	18h7	18h7
最小分度單位		MIN. Increment		deg.	0.001°	0.001°	0.001°	0.001°
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定		Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor		rpm	83	83	50	50
總減速比		Gear Ratio			1/36	1/36	1/60	1/60
分割定位精度		Indexing Accuracy		arc-sec	16	16	15	12
重覆定位精度		Repeatability Accuracy		arc-sec	4	4	4	4
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC		αiF 4 βiS 8	αiF 4 βiS 8	αiF 4 βiS 8	αiF 8 βiS 12	
		MITSUBISHI		HG104S	HG104S	HG104S	HG154S	
		SIEMENS		1FK7060	1FK7060	1FK7060	1FK7063	
		YASKAWA		SGM7G-09A	SGM7G-09A	SGM7G-09A	SGM7G-13A	
鎖緊動力源		Clamp System			氣壓 P / 油壓 H	氣壓 P / 油壓 H	油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力		Pneumatic / Hydraulic Pressure		kg/cm ²	5/35	5/35	35	35
氣壓 / 油壓鎖緊扭矩		Pneumatic / Hydraulic Clamping Torque		kg.m	26/45	26/45	80	95
容許工件載重 MAX. Allowable Load on the Table	立式 Vertical		kg	90	90	145	200	
	立式使用尾座 Vertical with Tailstock		kg	180	180	290	400	
	臥式 Horizontal		kg	180	180	290	400	
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)	容許軸向負荷 Allowable Axial Load		kgf	2100	2100	3200	4300	
	最大輸出扭矩 Max. Output Torque		kgf.m	26/60	26/60	80	95	
	容許彎曲扭矩 Allowable Bending Torque		kgf.m	122	122	314	490	
最大容許轉動慣量 Max. Allowable Moment of Inertia		J=(W•D ²) / 8 	kgf.m ²	1.4	1.4	3.26	6.12	
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)				kg	65	65	89	130



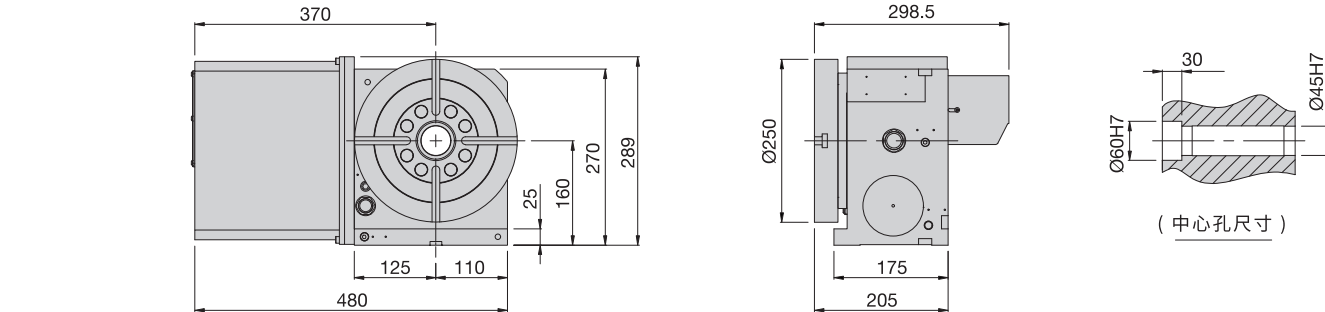
RDS-200PR
RDS-200HR



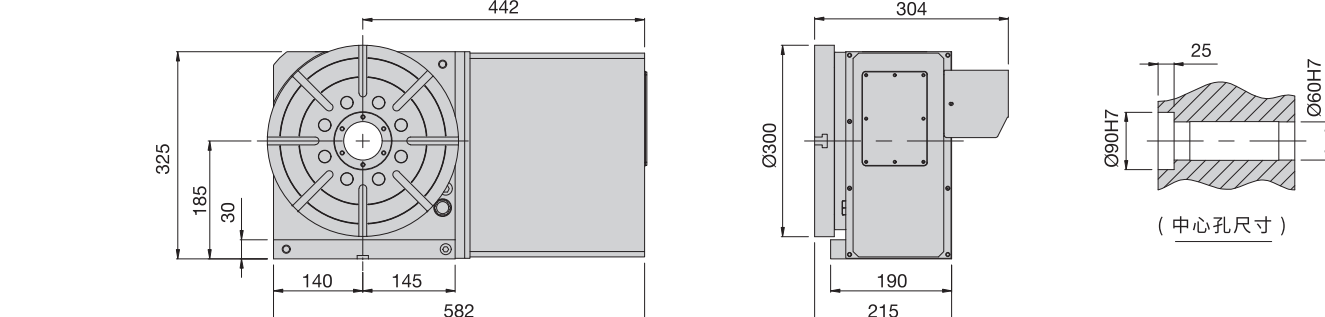
RDH-200PR
RDH-200HR



RDS-250HR



RDS-250HL



RDS-300HR

※ 實際外觀與尺寸請以本公司最終規格為準。

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RDX-255HR4PS

第四軸優越型 4 th Axis Superior Type	
機型規格 (大孔徑) Model Specifications Large Bore	
轉盤直徑 Rotary Table Diameter	
剎車輸入源 (氣壓 / 油壓) Brake Input Source (Pneumatic/Hydraulic)	
馬達配置 (右 / 左) Motor Configuration (Right/Left)	
分配器數量 Number of Distributors	
特殊外罩鍍金 Special Protective Sheet Metal Housing	

- 高精度
- 高轉速
- 大孔徑
- 全新優化機種
- 立臥兩用
- 特殊中心高交叉滾柱軸承

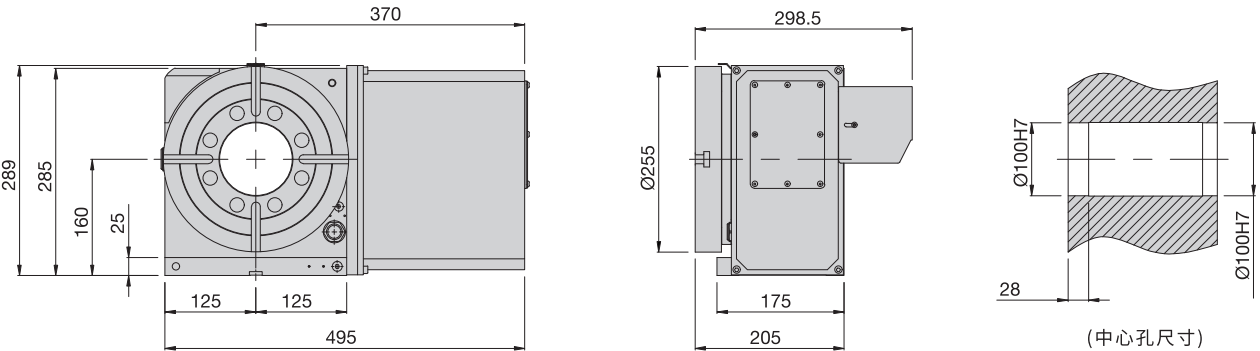


- High Precision
- High Speed
- Large Bore
- Newly optimized model
- Suitable for vertical and horizontal mounting
- Special Center Height Roller Gear Cam

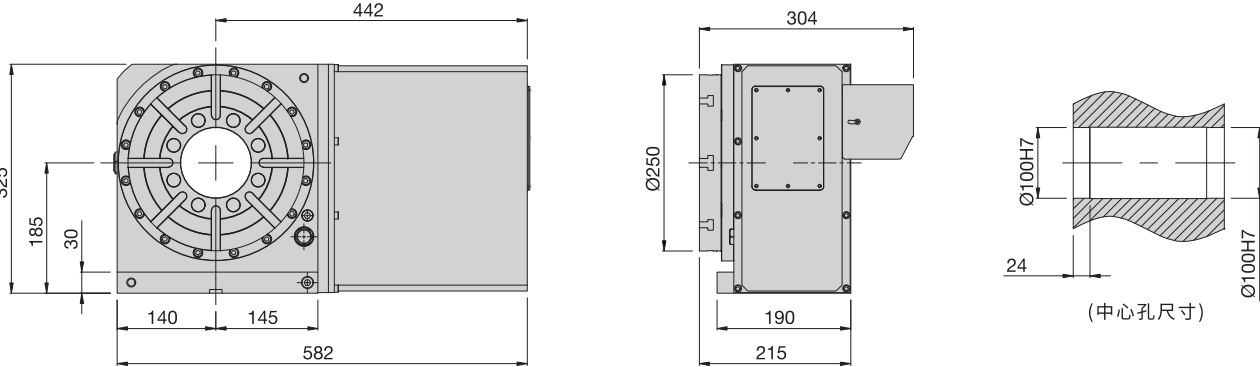
規格			Specification		RDX-255HR	RDX-250HR	RDX-320HR
盤面直徑		Table Diameter		mm	Φ255	Φ250	Φ320
中心高度 (立式)		Center Height (Vertical)		mm	160	185	210
底部到盤面高度 (臥式)		Table Surface Height (Horizontal)		mm	205	215	235
盤面基準孔		Reference Hole Diameter		mm	Φ100H7	Φ100H7	Φ120H7
中心貫穿孔		Through Hole Diameter		mm	Φ100H7	Φ100H7	Φ120H7
盤面 T 型溝		Table Width		mm	12H7	12H7	14H7
基準定位鍵		Degree of Reference Channel Width		mm	18h7	18h7	18h7
最小分度單位		MIN. Increment		deg.	0.001°	0.001°	0.001°
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定		Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor		rpm	50	50	50
總減速比		Gear Ratio			1/60	1/60	1/60
分割定位精度		Indexing Accuracy		arc-sec	12	12	12
重複定位精度		Repeatability Accuracy		arc-sec	4	4	4
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC			αiF 4 βiS 8	αiF 8 βiS 12	αiF 12 βiS 22
		MITSUBISHI			HG104S	HG154S	HG204S
		SIEMENS			1FK7060	1FK7063	1FK7083
		YASKAWA			SGM7G-09A	SGM7G-13A	SGM7G-30A
鎖緊動力源		Clamp System			油壓 H	油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力		Pneumatic / Hydraulic Pressure		kg/cm ²	35	35	35
氣壓 / 油壓鎖緊扭矩		Pneumatic / Hydraulic Clamping Torque		kg.m	80	95	230
容許工件載重 MAX. Allowable Load on the Table	立式 Vertical		kg		155	200	260
	立式使用尾座 Vertical with Tailstock		kg		310	400	520
	臥式 Horizontal		kg		310	400	520
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)	容許軸向負荷 Allowable Axial Load		kgf		3200	4300	5200
	最大輸出扭矩 Max. Output Torque		kgf.m		80	95	230
	容許彎曲扭矩 Allowable Bending Torque		kgf.m		314	490	635
最大容許轉動慣量 Max. Allowable Moment of Inertia		J=(W•D ²) / 8		kgf.m ²	1.3	6.12	10.4
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)				kg	100	118	180

※ 最高轉速依不同馬達廠牌規定而有所不同。
※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元。

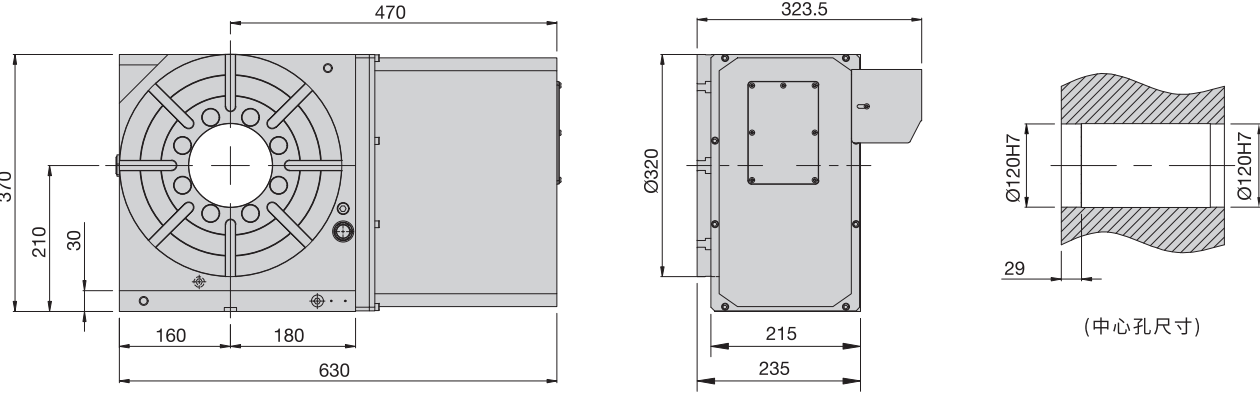
※ Maximum speed varies with different motor brand specifications.
※ The above does not include servo motors, encoders, drives and hydraulic units.



RDX-255HR



RDX-250HR



RDX-320HR

※ 實際外觀與尺寸請以本公司最終規格為準。

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RTA/AD - 100V4P215H

第五軸
5 th Axis

機型規格 (單臂式 / 雙盤單臂式)
Model Specifications
Cantilever Type /
Double Table Cantilever Type

轉盤直徑
Rotary Table Diameter

馬達安裝方向 (B 後背式 / I 水平式 / V 垂直式)
Motor Configuration
B - Rear-Mounted Type / I - Horizontal Type / V - Vertical Type

分配器數量
Number of Distributors

盤面高度
Table Height

- 零背隙
- 高精度
- 高效率
- 高剛性
- 耐磨耗
- 熱變位低



- Zero Backlash
- High Precision
- High Efficiency
- High Rigidity
- Resistance
- Low Thermal Deformation

規格Specification			RTA-100V/125/170		RTA-200V/210/220		RTAD-200V/100/170	
盤面直徑	Table Diameter	mm	Ø100 (Ø125 / Ø170)		Ø200 (Ø210 / Ø220)		Ø200 (Ø100 / Ø170)	
中心高度 (立式)	Center Height (Vertical)	mm	150		150		150	
底部到盤面高度 (臥式)	Table Surface Height (Horizontal)	mm	215 (240)		245		245 (240)	
盤面基準孔	Reference Hole Diameter	mm	Ø42H7		Ø42H7		Ø42H7	
中心貫穿孔	Through Hole Diameter	mm	Ø40H7		Ø40H7		Ø40H7	
盤面 T 型溝	Table Width	mm	12H7		12H7		12H7	
基準定位鍵	Degree of Reference Channel Width	mm	18h7		18h7		18h7	
最小分度單位	MIN. Increment	deg.	0.001°		0.001°		0.001°	
迴轉角度	Swing Angle	deg.	迴轉軸 360° Rotating Axis	傾斜軸 -90°~+110° Tilting Axis	迴轉軸 360° Rotating Axis	傾斜軸 -90°~+110° Tilting Axis	迴轉軸 360° Rotating Axis	傾斜軸 -90°~+180° Tilting Axis
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定	Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm	62.5	50	62.5	50	75	50
總減速比	Gear Ratio		1/48	1/60	1/48	1/60	1/40	1/60
分割定位精度 傾斜軸依光學尺精度而定	Indexing Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	20	15	20	15	20	15
重複定位精度 傾斜軸依光學尺精度而定	Repeatability Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	8	4	8	4	8	4
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC	αiF 2 βiS 4	αiF 4 + B βiS 8 + B	αiF 2 βiS 4	αiF 4 + B βiS 8 + B	αiF 2 βiS 4	αiF 4 + B βiS 8 + B
		MITSUBISHI	HG75S	HG104S + B	HG75S	HG104S + B	HG75S	HG104S + B
		SIEMENS	1FK7034	1FK7060 + B	1FK7034	1FK7060 + B	1FK7034	1FK7060 + B
容許工件載重 MAX. Allowable Load on the Table	在水平 Level		kg	30	30	30	30	30
	在傾斜 Tilt		kg	30	30	30	30	30
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)	容許軸向負荷 Allowable Axial Load		kgf	620	620	620	620	620
	最大輸出扭矩 Max. Output Torque		kgf.m	22	22	22	22	22
	容許彎曲扭矩 Allowable Bending Torque		kgf.m	30	30	30	30	30
最大容許轉動慣量 Max. Allowable Moment of Inertia	$J=(W \cdot D^2) / 8$		kgf.m ²	0.1	0.1	0.1	0.1	0.1
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)			kg	128	140	160	160	160

※ 最高轉速依不同馬達廠牌規定而有所不同

※ **B** 表示伺服馬達加煞車

※ 光學尺選配，傾斜軸建議加裝光學尺。

※ 二進二出油壓分配器選配

※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元

※ Maximum speedo varies with different motor brand specifications.

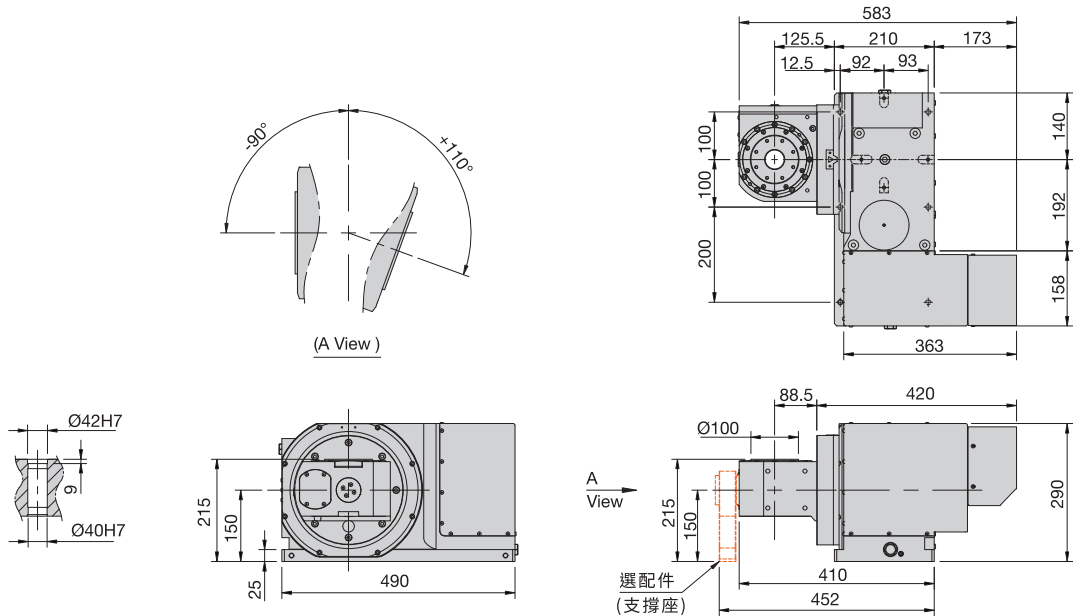
※ **B** is Servo motor with brake.

※ Angular encoder.(Option) Optical scale recommended for the tilting axis.

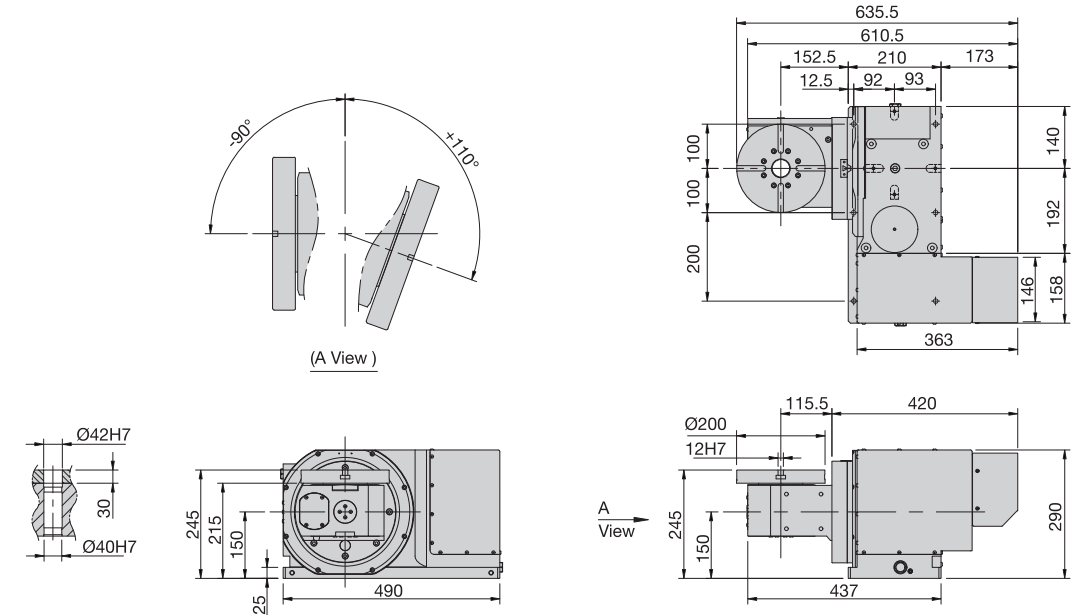
※ Optional two-in-two-out hydraulic distributor

※ The above does not include servo motors, encoders, drives and hydraulic units.

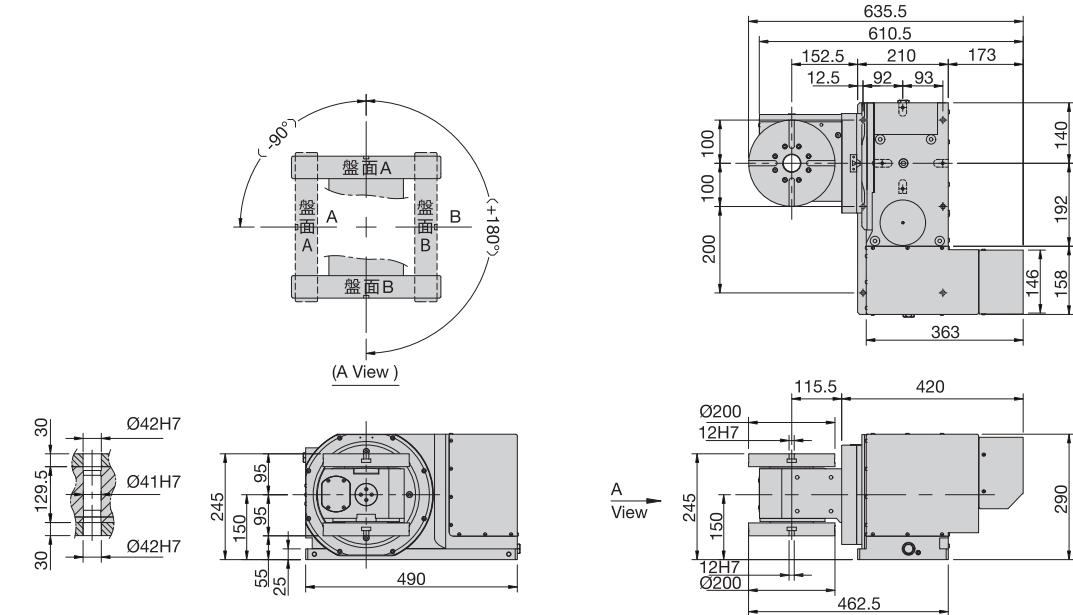
RTA-100V



RTA-200V



RTAD-200V



※ 實際外觀與尺寸請以本公司最終規格為準。

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RTB-250VL4P310HDE

第五軸轉台型號
5 th Axis

機型規格 (搖籃式)
Model Specifications
Trunnion Tilting Type

Rotary Table Diameter

馬達安裝方向 (B 後背式 / I 水平式 / V 垂直式)
Motor Configuration
B - Rear-Mounted Type / I - Horizontal Type / V - Vertical Type

旋徑範圍 [L 加大 / S 精簡 (縮小)]
Rotational Range
[L - Enlarged Range / S - Compact Range (Reduced)]

分配器數量
Number of Distributors

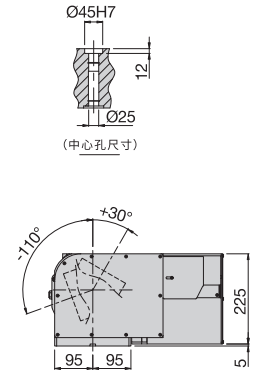
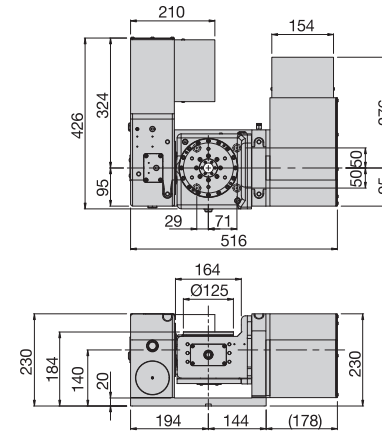
盤面高度
Table Height

底座形式 (DE 平底 / DX 客製化)
Base Type (DE - Flat Base / DX - Customized Base)

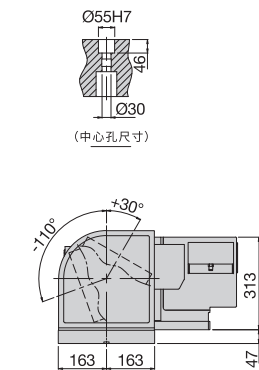
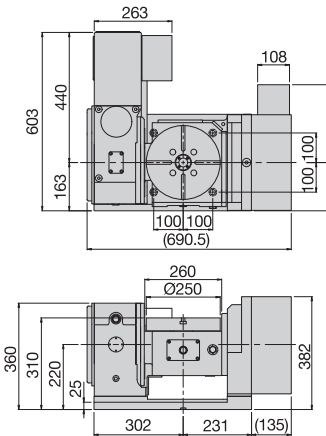


- 零背隙
 - 高精度
 - 高速度
 - 高剛性
 - 高扭力
- Zero Backlash
 - High Precision
 - High Speed
 - High Rigidity
 - High Torque

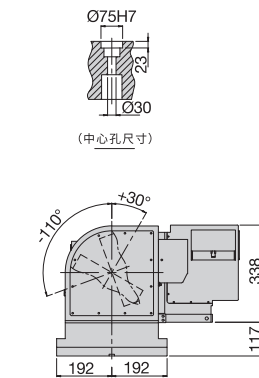
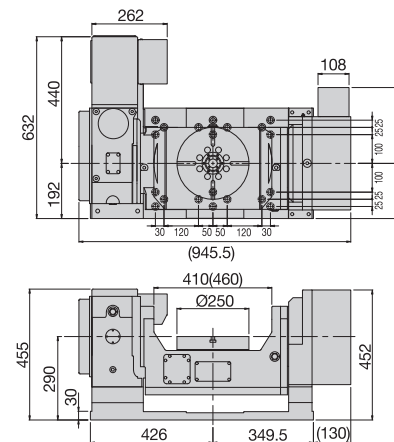
規格			Specification		RTB-125IDE		RTB-250VDE		RTB-250VLDE		RTB-350VLDE	
盤面直徑			Table Diameter	mm	Ø125		Ø250		Ø250		Φ350	
中心高度 (立式)			Center Height (Vertical)	mm	140		220		290		290	
底部到盤面高度 (臥式)			Table Surface Height (Horizontal)	mm	185		310		290		290	
盤面基準孔			Reference Hole Diameter	mm	Ø50H7		Ø55H7		Ø75H7		Φ75H7	
中心貫穿孔			Through Hole Diameter	mm	Ø30H7		Ø30H7		Ø30H7		Φ55H7	
盤面 T 型溝			Table Width	mm	12H7		12H7		12H7		12H7	
基準定位鍵			Degree of Reference Channel Width	mm	14h7		18h7		18h7		18h7	
最小分度單位			MIN. Increment	deg.	0.001°		0.001°		0.001°		0.001°	
迴轉角度			Swing Angle	deg.	迴轉軸 360° Rotating Axis	傾斜軸 +30°~ -110° Tilting Axis	迴轉軸 360° Rotating Axis	傾斜軸 +30°~ -110° Tilting Axis	迴轉軸 360° Rotating Axis	傾斜軸 +30°~ -110° Tilting Axis	迴轉軸 360° Rotating Axis	傾斜軸 +30°~ 110° Tilting Axis
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定			Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm	62.5	50	66.6	31.25	50	31.25	50	31.25
總減速比			Gear Ratio		1/48	1/60	1/45	1/96	1/60	1/96	1/60	1/96
分割定位精度 傾斜軸依光學尺精度而定			Indexing Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	20	15	15	15	15	15	15	15
重複定位精度 傾斜軸依光學尺精度而定			Repeatability Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	8	4	4	4	4	4	4	4
鎖緊動力源			Clamp System		氣壓 P / 油壓 H	氣壓 P / 油壓 H	油壓 H	油壓 H	油壓 H	油壓 H	油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力			Pneumatic / Hydraulic Pressure	kg/cm ²	6/25	6/25	35	35	35	35	35	35
氣壓 / 油壓鎖緊扭矩			Pneumatic / Hydraulic Clamping Torque	kg.m	5/20	5/20	60	180	60	180	60	180
伺服馬達 (客戶自選)			Servo Motor (Customer's choice)		αiF 1/αiF2 βiS 2	αiF 2 + B βiS 2 + B	αiF 4	αiF 4 + B	αiF 4 βiS 8	αiF 8 + B βiS 8 + B / βiS 12 + B	αiF 4 βiS 8	αiF 8 + B βiS 8 + B / βiS 12 + B
			FANUC									
			MITSUBISHI		HG105S	HG105S + B	HG75S	HG104S + B	HG75S	HG104S + B	HG154S	HG154S + B
			SIEMENS		1FK7040	1FK7040 + B	1FK7034	1FK7060 + B	1FK7034	1FK7060 + B	1FK7060	1FK7060 + B
容許工件載重 MAX. Allowable Load on the Table			在水平 Level		kg	35		120		120		120
			在傾斜 Tilt		kg	20		80		80		90
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)			容許軸向負荷 Allowable Axial Load		kgf	400		1632		1632		1632
			最大輸出扭矩 Max. Output Torque		kgf.m	14		92		92		92
			容許彎曲扭矩 Allowable Bending Torque		kgf.m	30		92		92		92
最大容許轉動慣量 Max. Allowable Moment of Inertia			$J = (W \cdot D^2) / 8$		kgf.m ²	0.1		0.4		0.4		0.4
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)				kg	120		320		460		480	



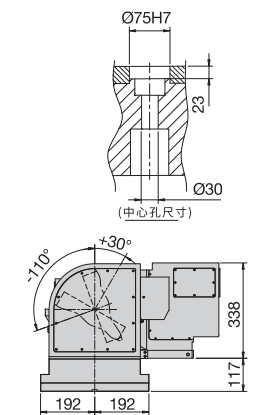
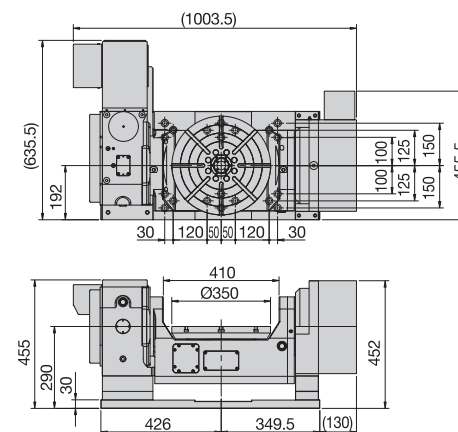
RTB-125IDE



RTB-250VDE



RTB-250VLDE



RTB-350VLDE

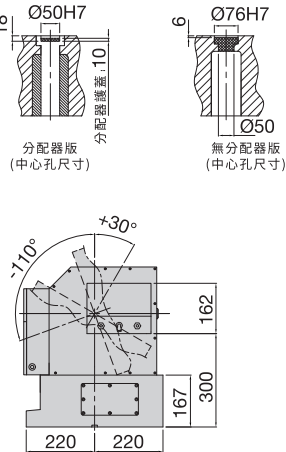
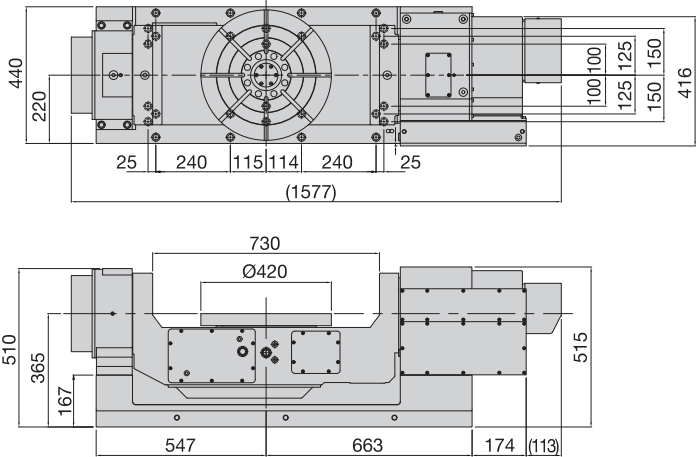
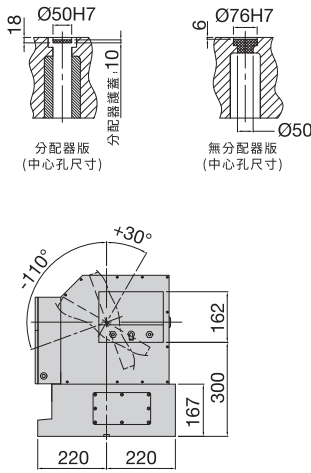
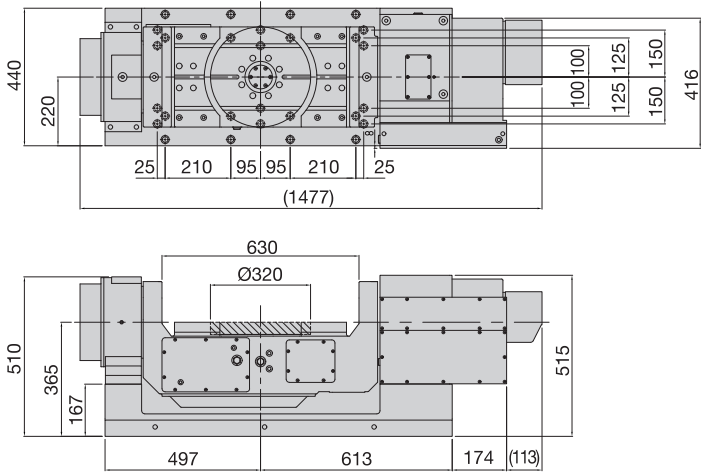
- ※ 最高轉速依不同馬達廠牌規定而有所不同
- ※ **B** 表示伺服馬達加煞車
- ※ 光學尺選配，傾斜軸建議加裝光學尺。
- ※ 二進二出油壓分配器選配
- ※ 以下不包含伺服馬達、編碼器、驅動器及油壓單元
- ※ 實際外觀與尺寸請以本公司最終規格為準。

- ※ Maximum speed varies with different motor brand specifications.
- ※ **B** is Servo motor with brake.
- ※ Angular encoder(Optional) Optical scale recommended for the tilting axis.
- ※ Optional two-in-two-out hydraulic distributor
- ※ The above does not include servo motors, encoders, drives and hydraulic units.
- ※ Actual appearance and dimensions are subject to the manufacturer's final specifications.

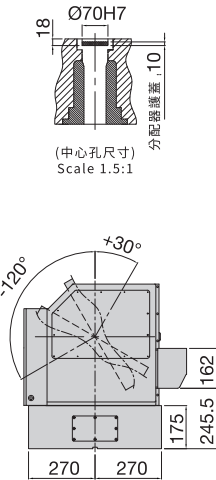
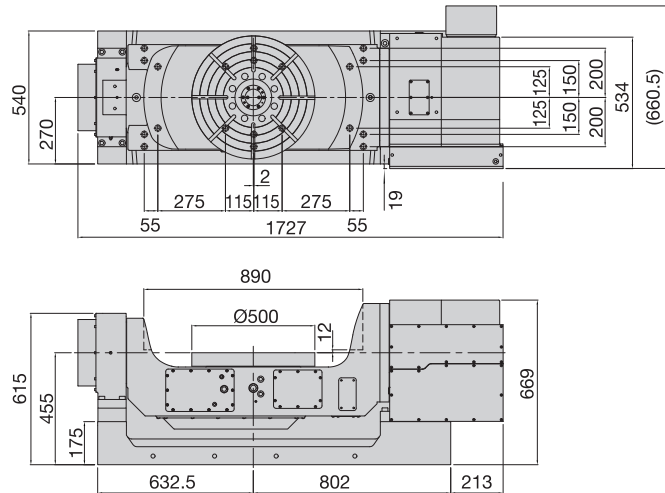


- 26

底座形式 (DE 平底 / DX 客製化)
Base Type (DE - Flat Base / DX - Customized Base)

RTB-320BSDE

RTB-420BLDE



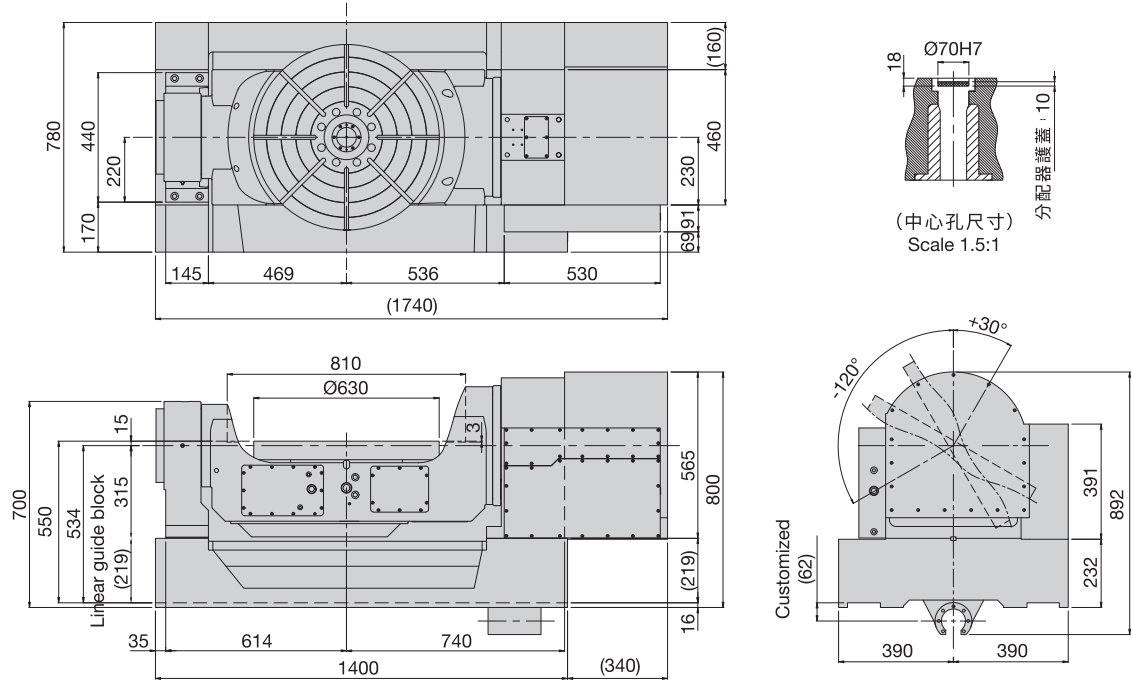
RTB-500BDE

- ※ 最高轉速依不同馬達廠牌規定而有所不同
- ※ **B** 表示伺服馬達加煞車
- ※ 光學尺選配，傾斜軸建議加裝光學尺。
- ※ 二進出油壓分配器選配
- ※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元
- ※ 實際外觀與尺寸請以本公司最終規格為準。

- ※ Maximum speed varies with different motor brand specifications.
- ※ **B** is Servo motor with brake.
- ※ Angular encoder(Optional) Optical scale recommended for the tilting axis.
- ※ Optional two-in-two-out hydraulic distributor
- ※ The above does not include servo motors, encoders, drives and hydraulic units.
- ※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



規格			Specification		RTB-630BDX		RTB-650	
盤面直徑			Table Diameter	mm	Φ630		Ø650	
中心高度 (立式)			Center Height (Vertical)	mm	-		350	
底部到盤面高度 (臥式)			Table Surface Height (Horizontal)	mm	550		300	
盤面基準孔			Reference Hole Diameter	mm	Φ70H7		Ø50H7	
盤面 T 型溝			Table Width	mm	14H7		18H7	
基準定位鍵			Degree of Reference Channel Width	mm	18h7		-	
最小分度單位			MIN. Increment	deg.	0.001°		0.001°	
迴轉角度			Swing Angle	deg.	迴轉軸 360° Rotating Axis	傾斜軸 +30°~-110° Tilting Axis	迴轉軸 360° Rotating Axis	傾斜軸 -70°~+110° Tilting Axis
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定			Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm	33	25	50	33.3
總減速比			Gear Ratio		1/90	1/120	1/60	1/90
分割定位精度 傾斜軸依光學尺精度而定			Indexing Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	15	15	15	15
重覆定位精度 傾斜軸依光學尺精度而定			Repeatability Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	4	4	4	4
鎖緊動力源			Clamp System		油壓 H	油壓 H	油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力			Pneumatic / Hydraulic Pressure	kg/cm ²	35	35	35	35
氣壓 / 油壓鎖緊扭矩			Pneumatic / Hydraulic Clamping Torque	kg.m	250	450	250	450
伺服馬達 (客戶自選)		FANUC			αiF 8	αiF 30 + B	αiF 12	αiF30 + B
		MITSUBISHI			HG154S	HG453S+ B	HG204S	HG703S + B
		SIEMENS			1FK7063	1FK7101+ B	1FK7086	1FK7105 + B
		HEIDENHAIN			-	-	QSY155C	QSY190D + B
容許工件載重 MAX. Allowable Load on the Table		在水平 Level			kg	350		500
		在傾斜 Tilt			kg	350		500
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)				kg	1200		1220	



- ※ 最高轉速依不同馬達廠牌規定而有所不同
- ※ **B** 表示伺服馬達加煞車
- ※ 光學尺選配，傾斜轉建議加裝光學尺
- ※ 二進二出油壓分配器選配
- ※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元
- ※ 為搭配海德漢 RCN-2380 系列光學尺使用
- ※ 伺服馬達可依客戶需求指定廠牌。
- ※ 當工件或刀具的直徑大於轉台直徑時，負載量即使在容量範圍內，但工件的慣性須保持於容量值內。
- ※ 盤面最高轉速之定義為★迴轉盤面於 0 ~ 360 度內，旋轉任意角度可開出之最高轉速，由於滾齒凸輪機構具有無背隙、有預壓特性，適合用於分割高精度連續加工，故盤面需要長時間連續迴轉我司建議，於傳動齒輪箱機構中，加裝油冷卻系統。
- ※ 此表為本公司標準規格，客戶特殊訂製請依相關確認圖為主。
- ※ 實際外觀尺寸請以本公司最終規格為準。

- ※ Maximum speed varies with different motor brand specifications.
- ※ **B** is Servo motor with brake.
- ※ Angular encoder.(Option) Optical scale recommended for the tilting axis.
- ※ Optional two-in-two-out hydraulic distributor
- ※ The above does not include servo motors, encoders, drives and hydraulic units.encoder.
- ※ This index is designed for use with Heidenhain RCN-2380 series optical rulers.
- ※ Servo motor can be specified the brand optionally according to the needs of the customer.
- ※ When the diameter of the workpiece or tool is larger than the diameter of the turntable, the load is probably within the capacity range, but the inertia of the component must be kept within the capacity value.
- ※ The maximum speed of the disk surface is defined as the maximum speed that within 360°. Since the roller cam mechanism has designed no backlash and preload characteristics, it is suitable for indexing high-precision continuous processing. In case, the disk surface needs to run continuously for a long time, it is recommended that an auxiliary oil cooling system be installed in this transmission gear box mechanism.
- ※ This table is the company's standard specifications, please refer to the relevant confirmation drawings for special orders.
- ※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RTB - 250 B 2WL 4P370HDE

第五軸
5 th Axis

機型規格 (搖籃式)
Model Specifications
Trunnion Tilting Type

轉盤直徑
Rotary Table Diameter

馬達安裝方向 (B 後背式 / I 水平式 / V 垂直式)
Motor Configuration
B - Rear-Mounted Type / I - Horizontal Type / V - Vertical Type

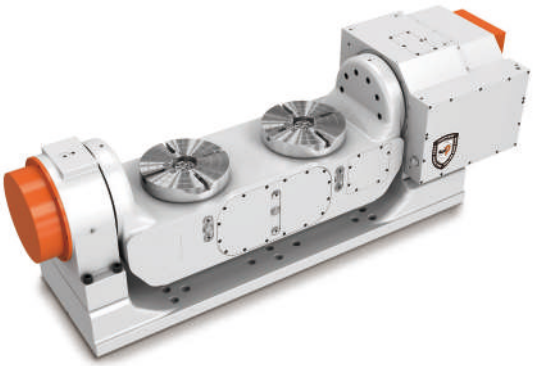
2 個盤面
2 Tables

旋徑範圍 [L 加大 / S 精簡 (縮小)]
Rotational Range [L - Enlarged Range / S - Compact Range (Reduced)]

分配器數量
Number of Distributors

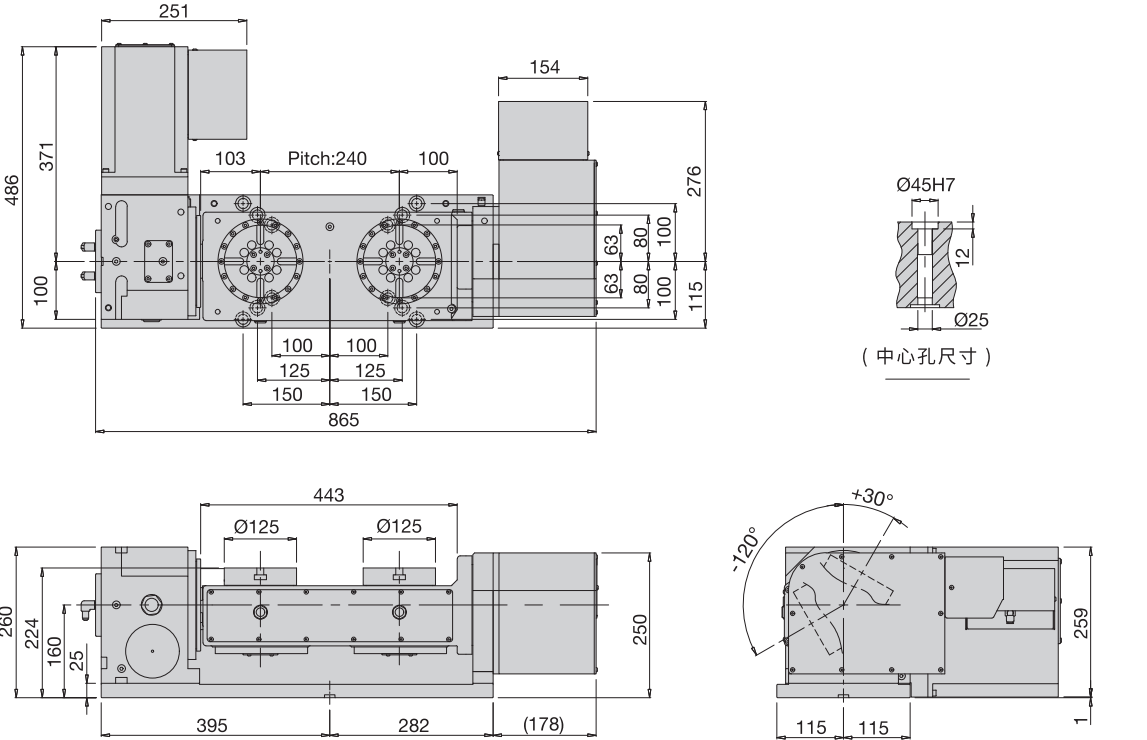
盤面高度
Table Height

底座形式 (DE 平底 / DX 客製化)
Base Type (DE - Flat Base / DX - Customized Base)

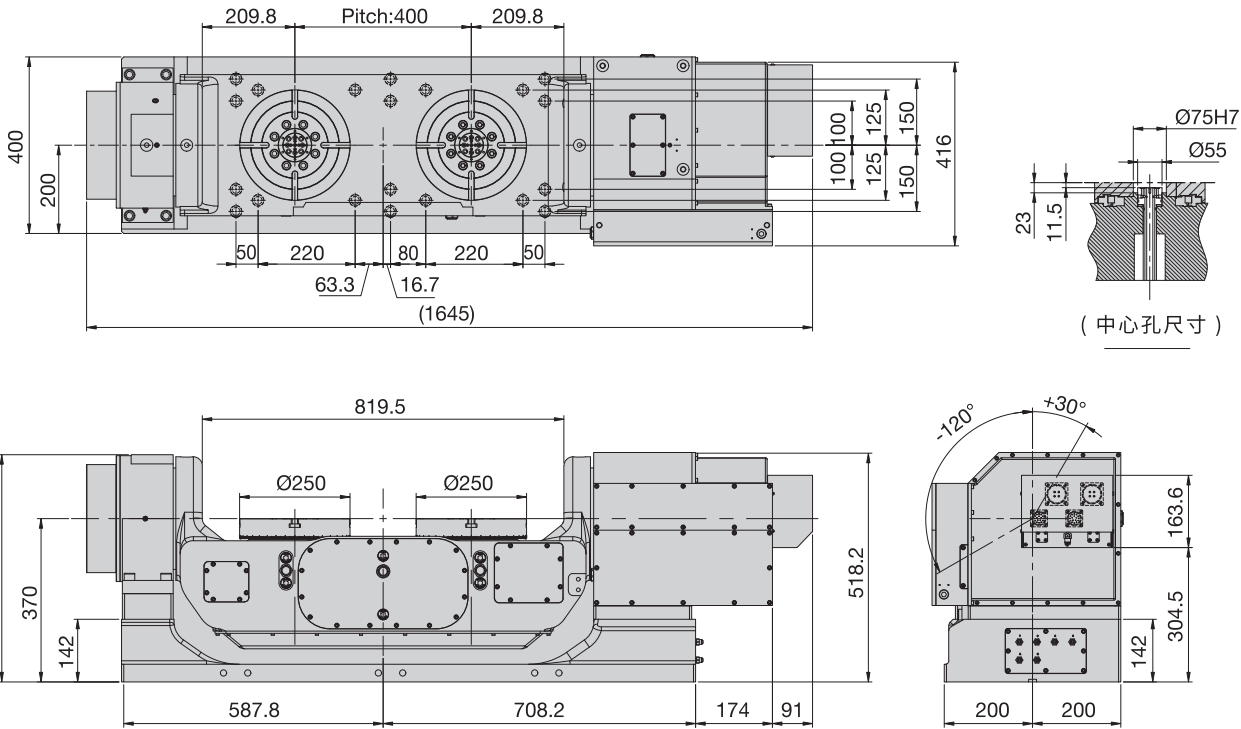


- 零背隙
 - 高精度
 - 高速度
 - 高剛性
 - 高扭力
- Zero Backlash
 - High Precision
 - High Speed
 - High Rigidity
 - High Torque

規格			Specification		RTB-125I2W4PDE		RTB-250B2W4PDE	
盤面直徑			Table Diameter	mm	Φ125 *2 Tables		Φ250 *2 Tables	
底部到盤面高度 (臥式)			Table Surface Height (Horizontal)	mm	224		370	
盤面基準孔			Reference Hole Diameter	mm	Φ25H7		Φ75H7	
中心貫穿孔			Through Hole Diameter	mm	Φ25H7		-	
盤面 T 型溝			Table Width	mm	12H7		12H7	
基準定位鍵			Degree of Reference Channel Width	mm	18h7		18h7	
最小分度單位			MIN. Increment	deg.	0.001°		0.001°	
迴轉角度			Swing Angle	deg.	迴轉軸 360°	傾斜軸 +30° ~-110°	迴轉軸 360°	傾斜軸 +30° ~-110°
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定			Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm	50	83	50	25
總減速比			Gear Ratio		1/60	1/36	1/90	1/120
分割定位精度 傾斜軸依光學尺精度而定			Indexing Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	15	18	15	40
重複定位精度 傾斜軸依光學尺精度而定			Repeatability Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	8	4	6	8
鎖緊動力源			Clamp System		油壓 H	油壓 H	油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力			Pneumatic / Hydraulic Pressure	kg/cm ²	5	5	35	35
氣壓 / 油壓鎖緊扭矩			Pneumatic / Hydraulic Clamping Torque	kg.m	8	14	90	250
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC			αiF 2 βiS 2	αiF 4 + B βiS 8 + B	αiF 2 βiS 2	αiF 4 + B βiS 8 + B
		MITSUBISHI			HG-105S	HG-104S+B	HG-154S	HG-154S+B
		SIEMENS			1FK7040	1FK7060+B	1FK7060	1FK7063+B
		HEIDENHAIN			-	-	QSY116E	QSY116J+B
容許工件載重 MAX. Allowable Load on the Table	在水平 Level			kg	35		100	
	在傾斜 Tilt			kg	20		100	
最大容許切削推力 (氣壓 / 油壓鎖緊狀態) MAX. Allowable Thrust Load on the Table (When clamped)	容許軸向負荷 Allowable Axial Load			kgf	286		1121	
	最大輸出扭矩 Max. Output Torque			kgf.m	14.3		91.7	
	容許彎曲扭矩 Allowable Bending Torque			kgf.m	30.6		254.8	
最大容許轉動慣量 Max. Allowable Moment of Inertia			J=(W•D ²) / 8	kgf.m ²	0.1		0.8	
容許切削扭矩 (Allowable Cutting Torque)				kg.m	8.7		56.1	
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)				kg	160		750	



RTB-125I2W4PDE

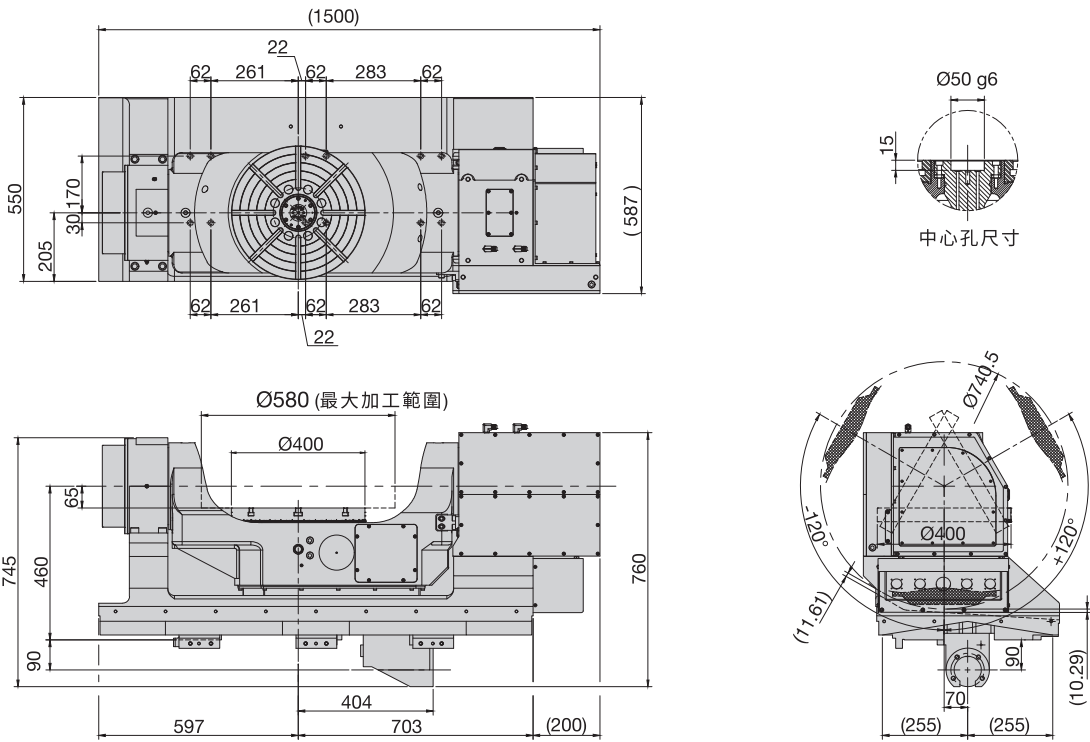


RTB-250B2W4PDE

※ 最高轉速依不同馬達廠牌規定而有所不同
※ **B** 表示伺服馬達加煞車
※ 光學尺選配，傾斜軸建議加裝光學尺。
※ 二進二出油壓分配器選配
※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元
※ 實際外觀與尺寸請以本公司最終規格為準。

※ Maximum speedo varies with different motor brand specifications.
※ **B** is Servo motor with brake.
※ Angular encoder.(Option) Optical scale recommended for the tilting axis.
※ Optional two-in-two-out hydraulic distributor
※ The above does not include servo motors, encoders, drives and hydraulic units.
※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



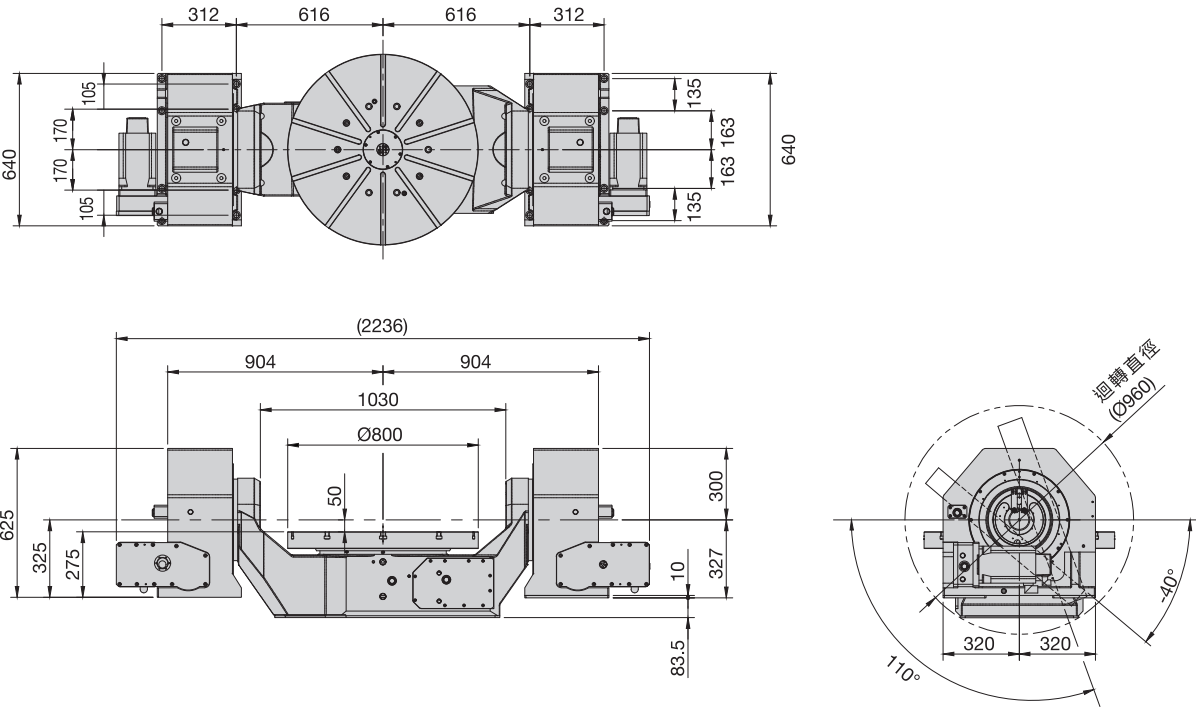


RTB-400B6PDX

規格 Specification			RTB-400B6PDX	
盤面直徑	Table Diameter	mm	Φ400	
底部到盤面高度 (臥式)	Table Surface Height (Horizontal)	mm	65	
盤面基準孔	Reference Hole Diameter	mm	Ø80g6	
盤面 T 型溝	Table Width	mm	14H7	
最小分度單位	MIN. Increment	deg.	0.001°	
迴轉角度	Swing Angle	deg.	迴轉軸 360°	傾斜軸 +120° ~ -120°
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定	Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm	33.33	25
總減速比	Gear Ratio		1/90	1/120
分割定位精度 傾斜軸依光學尺精度而定	Indexing Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	15	30
重覆定位精度 傾斜軸依光學尺精度而定	Repeatability Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	4	8
鎖緊動力源	Clamp System		油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力	Pneumatic / Hydraulic Pressure	kg/cm ²	50	50
氣壓 / 油壓鎖緊扭矩	Pneumatic / Hydraulic Clamping Torque	kg.m	162	234
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	MITSUBISHI	HG154	HG154S+B
容許工件載重 MAX. Allowable Load on the Table	在水平 Level		kg	200
	在傾斜 Tilt		kg	200
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)			kg	1080

※ 光學尺選配，傾斜軸建議加裝光學尺。
※ 實際外觀與尺寸請以本公司最終規格為準。

※ Angular encoder.(Option) Optical scale recommended for the tilting axis.
※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RTB-800A

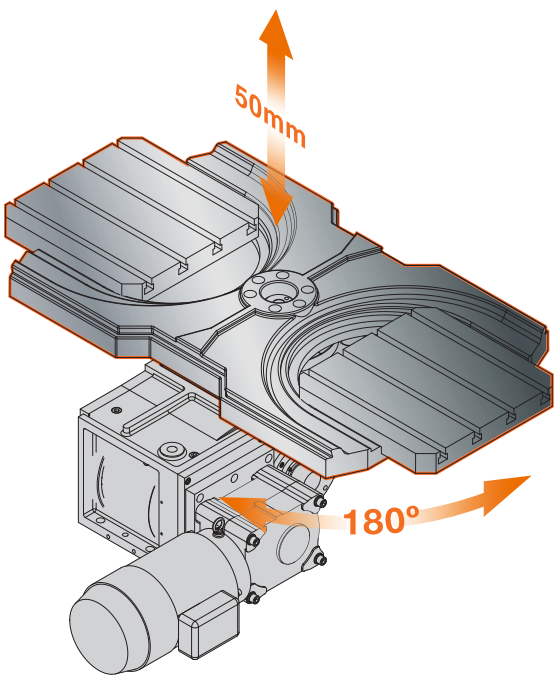
規格 Specification			RTB-800A	
盤面直徑	Table Diameter	mm	Φ800	
底部到盤面高度 (臥式)	Table Surface Height (Horizontal)	mm	275	
盤面基準孔	Reference Hole Diameter	mm	Ø50H7	
盤面 T 型溝	Table Width	mm	18H7	
最小分度單位	MIN. Increment	deg.	0.001°	
迴轉角度	Swing Angle	deg.	迴轉軸 360°	傾斜軸 -40° ~ +110°
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定	Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm	50	33.3
總減速比	Gear Ratio		1/60	1/90
分割定位精度 傾斜軸依光學尺精度而定	Indexing Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	10	10
重覆定位精度 傾斜軸依光學尺精度而定	Repeatability Accuracy Tilting axis accuracy depends on the optical scale specification.	arc-sec	4	4
鎖緊動力源	Clamp System		油壓 H	油壓 H
氣壓 / 油壓鎖緊壓力	Pneumatic / Hydraulic Pressure	kg/cm ²	35	35
氣壓 / 油壓鎖緊扭矩	Pneumatic / Hydraulic Clamping Torque	kg.m	450	900
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC	aiF22	aiF22+B x2
		HEIDENHAIN	QSY-155D	QSY-155D+B x2
容許工件載重 MAX. Allowable Load on the Table	在水平 Level		kg	1400
	在傾斜 Tilt		kg	1000
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)			kg	2000

※ 光學尺選配，傾斜軸建議加裝光學尺。
※ 實際外觀與尺寸請以本公司最終規格為準。

※ Angular encoder.(Option) Optical scale recommended for the tilting axis.
※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



6.0sec / 400mm

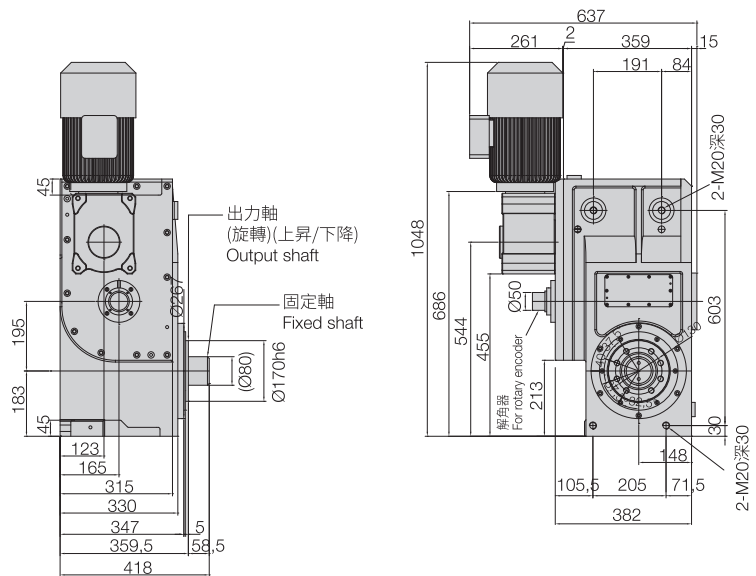
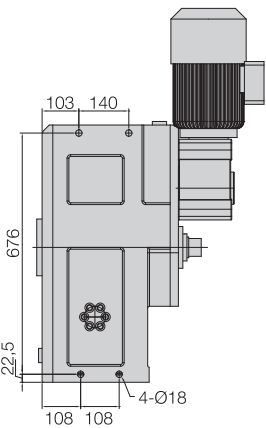
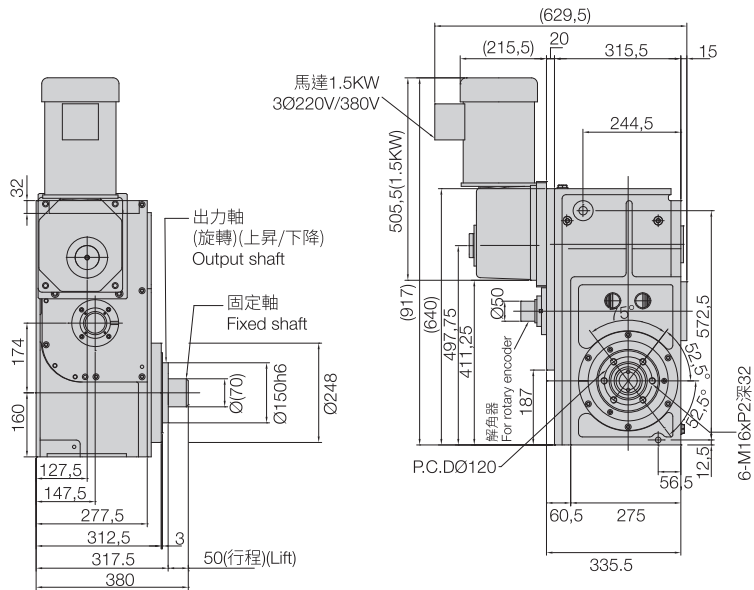
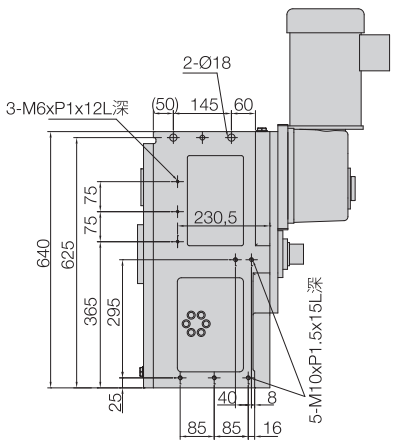


- **更高的生產效率**
通過托盤高速交換，縮短工作時間，將 15sec 交換時間降為 6sec。
- **更穩定的耐久性**
凸輪與從動滾子採滾動接觸，高精度、高剛性、零背隙、磨損極低。
- **更簡潔的機構設計**
僅透過凸輪機構，即可完成托盤上升、180° 旋轉以及下降等動作。
- **更節省的成本**
只需一個動力源即可平穩運轉，無需任何氣、油壓裝置，降低成本。

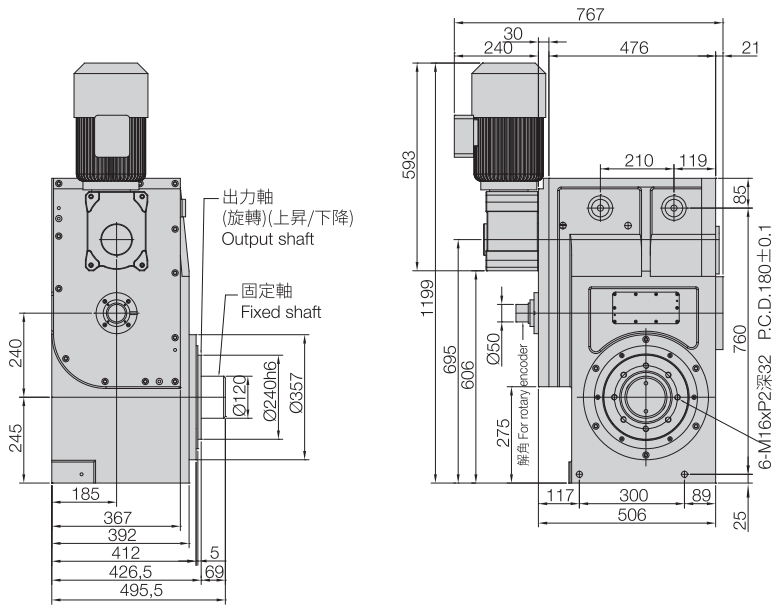
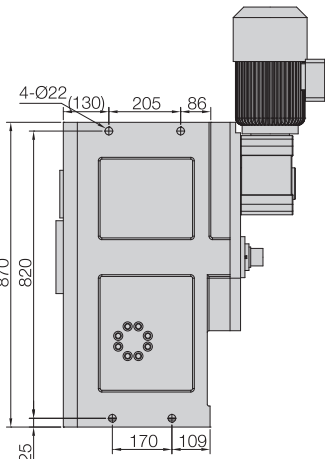
- **Higher Productivity**
Through high-speed exchange of the tray to shorten the working time, and reduce exchange time from 15 sec to 6 sec.
- **More Stability and Durability**
Cam and driven roller use rolling contact; high precision, high rigidity, zero backlash, and low wear.
- **More Concise Mechanical Design**
Only through the cam mechanism, you can complete tray ascending, 180° rotating, descending, and other actions.
- **More Cost Savings**
Only with one power source can operate smoothly without any gas or hydraulic devices to reduce costs.

規格	Specification		SPC-40	SPC-50	SPC-63
盤面尺寸	Pallet Size	mm	400 x 400	500 x 500	630 x 630
盤面重量	Pallet Mass	kg	100 x 2	150 x 2	300 x 2
叉型舉盤	Fork Mass	kg	200	210	450
容許負載	Max. Work Mass	kg	400 x 2	600 x 2	1000 x 2
最大容許慣性矩	Max. Allowable Moment of Inertia	kg.m ²	267	456	1321
工作台迴轉角度	Fork Swing Angle	deg.	180°	180°	180°
升降行程	Lift Stroke	mm	50	55	60
交換時間	Takt Time	sec.	6	8	10
製品重量	Net. Weight	kg	270	430	820
馬達瓦數	Motor Watts	kw	1.5	1.5	1.5
長度	Length	mm	640	676	870
高度	Height	mm	380	418	495.5
寬度	Width	mm	335.5	382	506

SPC-40



SPC-50



SPC-63

※ 最高轉速依不同馬達廠牌規定而有所不同。
※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元。

※ Maximum speed varies with different motor brand specifications.
※ The above does not include servo motors, encoders, drives and hydraulic units.



※ 實際外觀與尺寸請以本公司最終規格為準。

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



RSH-320H4P

凸輪分度盤
Rotary Table

搖擺頭
Spindle Head

轉盤直徑
Rotary Table Diameter

剎車輸入源 (氣壓 / 油壓)
Brake Input Source (Pneumatic/Hydraulic)

分配器數量
Number of Distributors

• 高精度

• 高轉速

• 耐磨耗

• 零背隙

• 交叉滾柱軸承

• High Precision

• High Speed

• Ultra-low Wear

• Zero Backlash

• Roller Gear Cam



規格		Specification		RSH-320H	
盤面直徑	Table Diameter	mm		Φ320	
中心高度 (立式)	Center Height (Vertical)	mm		217	
盤面基準孔	Reference Hole Diameter	mm		Φ60H7	
中心貫穿孔	Through Hole Diameter	mm		Φ50H7	
最小分度單位	MIN. Increment	deg.		0.001°	
最高轉速 (Motor 3000 min ⁻¹) 數值由搭載伺服馬達決定	Max. Rotation Speed (Motor 3000 min ⁻¹) Values are Determined by the Motor	rpm		25	
總減速比	Gear Ratio			1/120	
分割定位精度	Indexing Accuracy	arc-sec		15	
重覆定位精度	Repeatability Accuracy	arc-sec		5	
鎖緊動力源	Clamp System			油壓 H	
氣壓 / 油壓鎖緊壓力	Pneumatic / Hydraulic Pressure	kg/cm ²		35	
氣壓 / 油壓鎖緊扭矩	Pneumatic / Hydraulic Clamping Torque	kg.m		250	
伺服馬達 (客戶自選)	Servo Motor (Customer's choice)	FANUC		αiF 8	
		SIEMENS		1FK7062	
製品重量 (不含電機) Net. Weight (Servo Motor Excluded)		kg		200	

RSH-320H

※ 最高轉速依不同馬達廠牌規定而有所不同

※ B 表示伺服馬達加煞車

※ 光學尺選配

※ 二進二出油壓分配器選配

※ 以上不包含伺服馬達、編碼器、驅動器及油壓單元

※ 實際外觀與尺寸請以本公司最終規格為準。

※ Maximum speedo varies with different motor brand specifications.

※ B is Servo motor with brake.

※ Angular encoder.(Option)

※ Optional two-in-two-out hydraulic distributor

※ The above does not include servo motors, encoders, drives and hydraulic units.

※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



圓盤尾座 Rotary Tailstock

Accessories

36

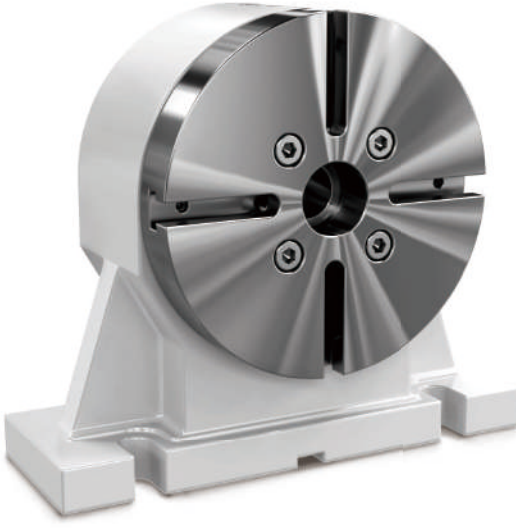
TR-250HS

圓盤煞車尾座
Rotary Tailstock

盤面大小 (單位 :mm)
Table size (unit:mm)

P : 氣壓驅動 / H : 油壓驅動
P : Pneumatic clamping / H : Hydraulic clamping

特殊中心高
Special Center Height



TR 圓盤尾座可與RTD/RDS 系列CNC Rotary Table 搭配使用，加上治具中板的應用，可達到一次作動多模數加工效果，採用氣壓/ 油壓煞車鎖緊方式，完整的搭配設計，有效確實節省加工工時及成本。只需一個動力源即可平穩運轉，無需任何氣、油壓裝置，降低成本。

The TR Rotary Tailstock can operate as attach to CNC Rotary Table of RTD/RDS series, and its plate application assembly can reach to the effectiveness of making many moulds one time. It adopts overall P/H brake disc locking system. The integrate design ensures to save the working-hour and cost efficiently.

規格		Specification		TR-125P	TR-170P/H	TR-200H	TR-250H	TR-250HS	TR-320H
中心高	Center Height	mm		110	135	160	185	160	210
製品重量	Net. Weight	kg		16	22	35	40	45	107

TR-125P

TR-170P/H

TR-200H

TR-250H

TR-250HS

TR-320H

※ 實際外觀與尺寸請以本公司最終規格為準。

Actual appearance and dimensions are subject to the manufacturer's final specifications.

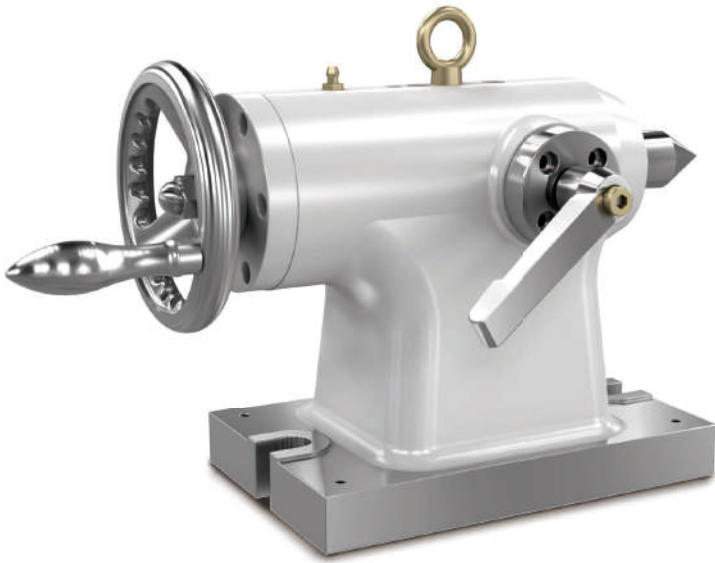


TS - 110P

頂針尾座
Quill Tailstock

中心高尺寸 (單位 :mm)
Indicates the size of the matching
Center Height (unit:mm)

P : 氣壓驅動 / H : 油壓驅動
P : Pneumatic clamping / H : Hydraulic clamping

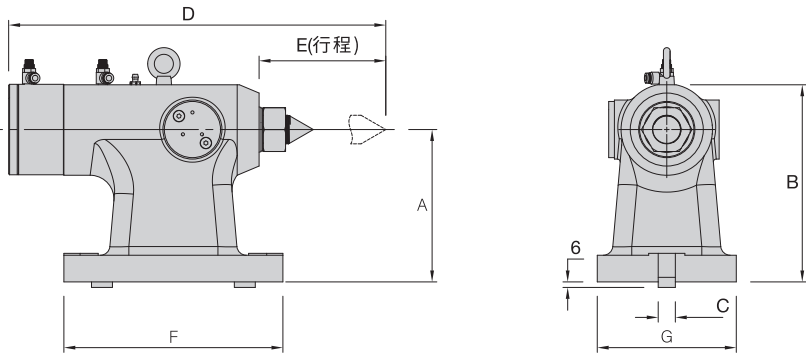


TS 頂針尾座，與 RTD/RDS 系列 CNC Rotary Table 搭配使用，固定工件中心旋轉加工應用。

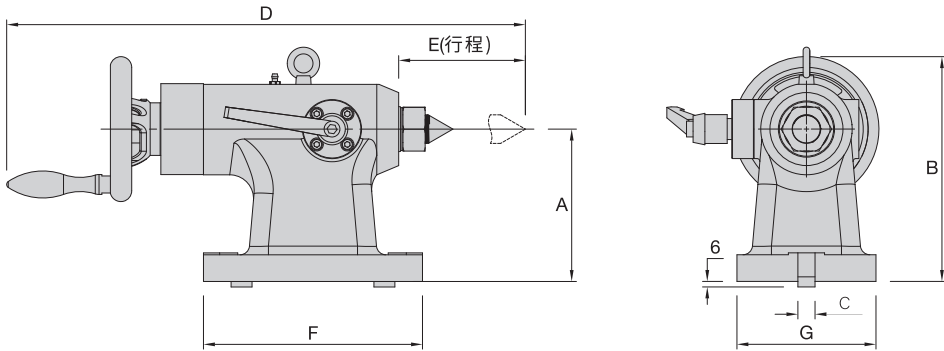
TS Center Tailstock can attach to CNC Rotary Table of RTD/RDS series. The alternative choices are apindle with center type changeable center type for pivoting the work piece for swivel processing application.

規格 / Specification		TS-110P	TS-135P	TS-160P/H	TS-210P/H
A	mm	110	135	160	210
B	mm	140.5	182	207	257
C	mm	14	18	18	18
D	mm	215.2/245.2	320/370	320/370	320/370
E	mm	30	50	50	50
F	mm	140	230	230	230
G	mm	80	146	146	146
莫氏錐度 / Morse		#MT2	#MT4	#MT4	#MT4

氣壓 / 油壓頂針尾座
Pneumatic/Hydraulic Quill Tailstock

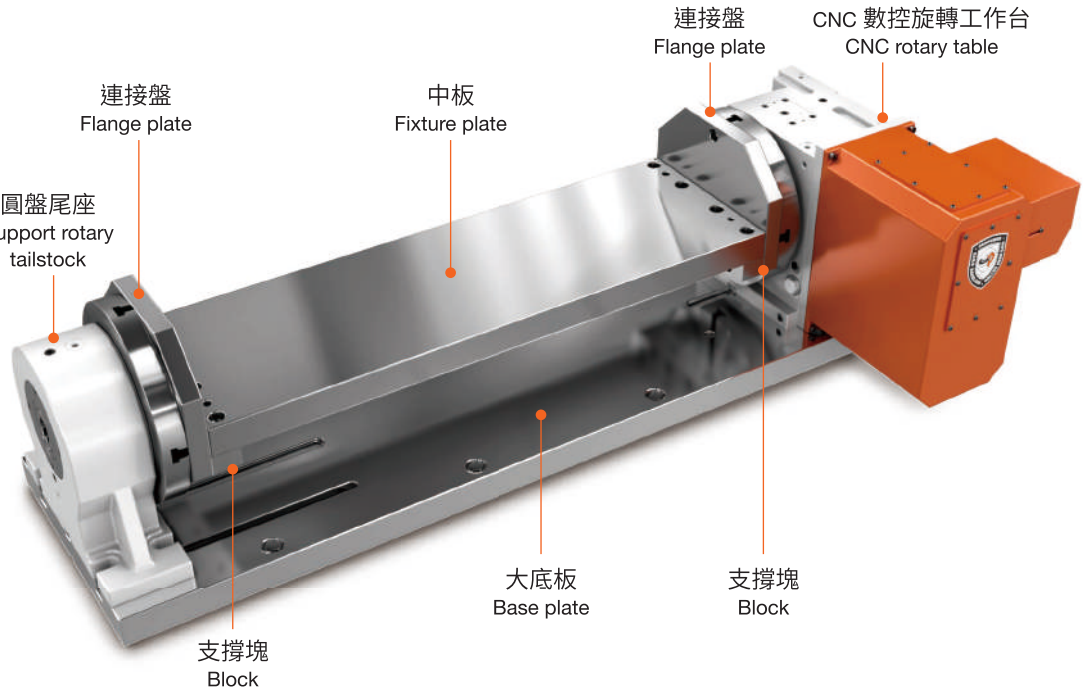


手動頂針尾座
Manual Quill Tailstock

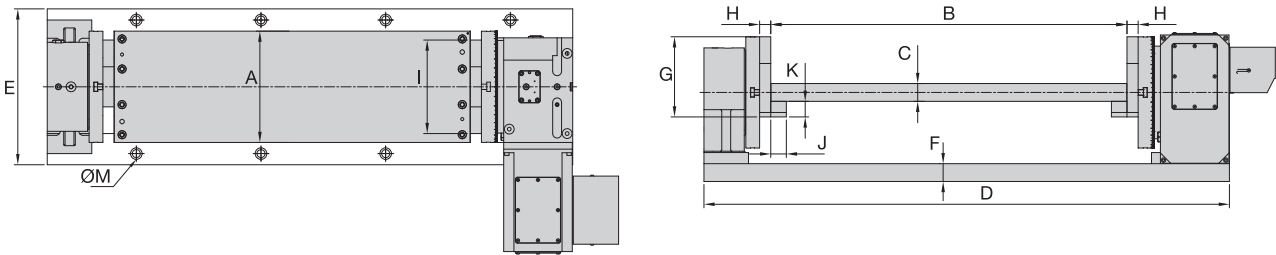


※ 最大油壓操作壓力 2MPa
※ 圖例行程至 110mm 為退頂針用。實際頂針有效使用行程 50mm
※ 頂針行程大於 50mm 以上之需求，請來電洽詢
※ 實際外觀與尺寸請以本公司最終規格為準。

※ Max. operating pressure: 2MPa
※ Illustration stroke 110mm is for quill withdraw. The effective quill stroke is 50mm
※ Quill stroke more than 50mm is an available option
※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



規格 / Specification		RTD-125PR	RTD-170PR/HR RTD-170PL/HL	RDS-200PR RDS-200HR	RTD-200HR/HL	RDS-250HR/HL	RTD-250HR	RTD-320HR/HL
A	mm	125	170	200	200	250	250	320
B	mm	400	500	500	600	600	700	800
C	mm	30	30	30	40	40	40	45
D	mm	800	950	950	1050	1050	1150	1250
E	mm	250	300	300	300	300	300	400
F	mm	35	40	40	40	40	40	40
G	mm	Ø125	Ø170	Ø200	Ø200	Ø250	Ø250	Ø320
H	mm	20	25	25	25	25	25	30
I	mm	125	170	200	200	250	250	320
J	mm	30	35	35	40	40	40	45
K	mm	30	35	35	35	35	40	45



標準橋式中底板組規格尺寸
Suggested Dimension Fixture and Base Plate

※ 依工件尺寸數量定義
※ 注意與機床干涉考慮
※ CNC 數控旋轉工作台及圓盤尾座中心高誤差容許值為 ± 0.01mm 內
※ 實際外觀與尺寸請以本公司最終規格為準。

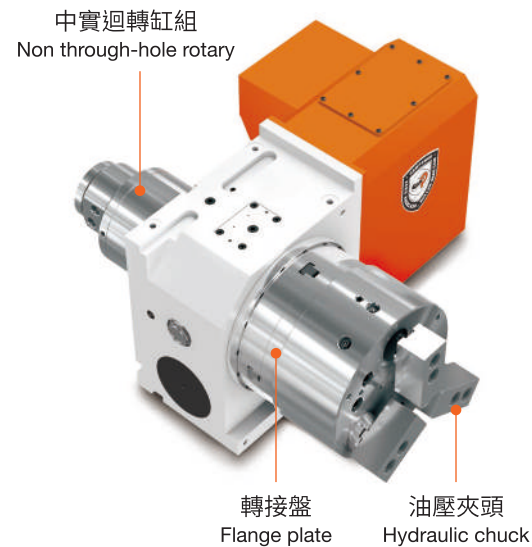
※ Defined by the number of parts and work pieces.
※ Attention to machine interference.
※ The center height of permissible error between rotary table and support rotary tailstock is within ± 0.01mm
※ Actual appearance and dimensions are subject to the manufacturer's final specifications.



夾頭
Chuck

搭配油壓自動夾頭及手動切換閥，可縮短換料時間，增加產能，提升工作效率。

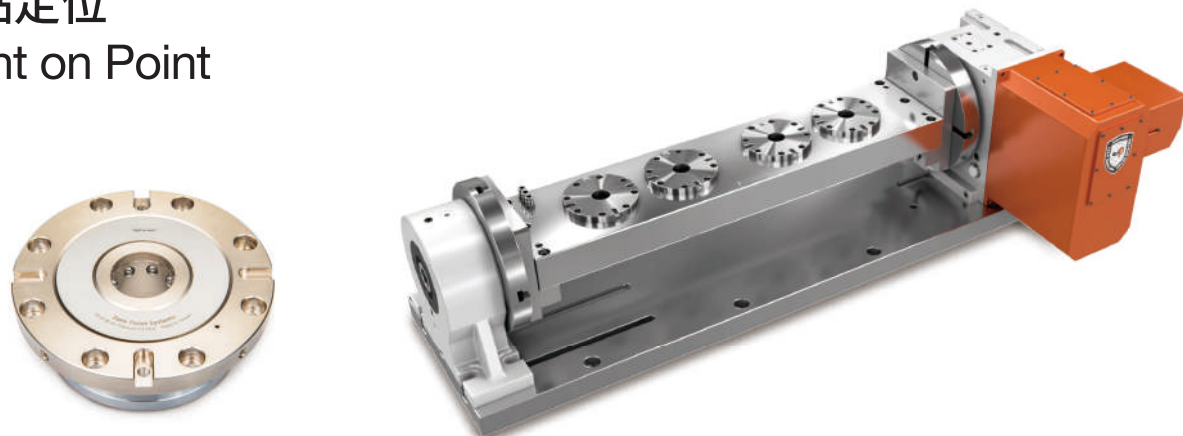
Equipped with hydraulic chuck and manual switch shorten loading and unloading time, increasing productivity and efficiency.



夾頭選配表 / Compatible Chuck

規格 / Specification	RTD-125PR	RTD-170PR/HR RTD-170PL/HL	RTD-200HR/HL	RTD-250HR	RTD-320HR	RTD-400HR
手動夾頭規格 Manual Chuck	SK04/05	SK06/07	SK07/08	SK08/09	SK10/12	SK12/16
油壓夾頭規格 Hydraulic Chuck	-	HCK06	HCK06	HCK08	HCK10	-

原點定位 Right on Point



- 原點夾持系統，能快速上下料以及變換夾治具，有效縮短換線時間。
- 搭配康普四、五軸橋式中板組，可有效提升產量，一次進行多面加工。
- 搭配自動化系統，不怕訂單種類多，加工平台模組化可有效提升加工效率。

三爪夾頭夾持範圍 / Gripping Range of 3-Jaw Chuck

規格 / Specification		SK-04	SK-05	SK-06	SK-07	SK-08	SK-09	SK-10	SK-12	SK-16
外徑挾持範圍 (正) Outer diameter holding range	mm	Ø3-Ø90	Ø3-Ø110	Ø3-Ø160	Ø8-Ø180	Ø8-Ø190	Ø11-Ø220	Ø12-Ø260	Ø15-Ø300	Ø30-Ø400
內徑挾持範圍 (反) Inner diameter holding range	mm	Ø32-Ø84	Ø35-Ø100	Ø55-Ø150	Ø62-Ø170	Ø68-Ø180	Ø70-Ø210	Ø80-Ø250	Ø90-Ø290	Ø110-Ø380



機床資料 Machine Information	機台規格 Spec.	品牌 Machine Brand _____ 型號 Machine Model _____				
	機床控制器 Controller	☐ 發那科FANUC ☐ 三菱MITSUBISHI ☐ 西門子SIEMENS ☐ 海德漢HEIDENHAIN ☐ 其它Other _____				
	驅動器及配線 Driver and wiring	☐ 全無None ☐ 只有配線Only wiring ☐ 有驅動器及配線With driver and wiring				
機床工作台 Machine Working Table	T槽寬 T-slot	☐ 14 mm ☐ 18 mm ☐ 22 mm				
	T槽Pitch尺寸 T-slot pitch	☐ 100 mm ☐ 150 mm ☐ 其它Other _____				
	T槽寬工作台槽數 Number of T-slot	☐ 3 ☐ 4 ☐ 其它Other _____				
滾齒凸輪旋轉台 (四軸) Roller Gear Cam Rotary Table (4th axis)	機型代號 Campower Model	☐ _____ ☐ 中心高 Height of center _____ ☐ _____ ☐ 中心高 Height of center _____ ☐ _____ ☐ 中心高 Height of center _____				
	夾緊方式 Locking method	☐ 氣壓 Pneumatic ☐ 油壓 Hydraulic				
	電磁閥 Solenoid	☐ AC110V ☐ AC220V ☐ DC24V				
	接線盒方向 Connector Cover	☐ 側方Side ☐ 上方Upside ☐ 後方Back ☐ 標準軍規接頭 (日系系統) Standard Military Connector (for JP NC System) ☐ 貼壁式接頭 (歐規系統) Aero-Connector (for EU NC System)				
	伺服電機規格 Servo Motor ☐ 客戶提供Buyer ☐ 康普提供Campower ☐ 錐柄Taper ☐ 直柄Straight	☐ 發那科FANUC ☐ 三菱MITSUBISHI ☐ 西門子SIEMENS ☐ 安川YASKAWA ☐ 海德漢HEIDENHAIN ☐ 其它Other _____				
	數控旋轉工作台 (五軸) CNC Rotary Table (5th axis)	機型代號 Campower Model	☐ _____ ☐ 其他特殊五軸需求盤面Other special requirements regarding 5-th axis disc surface _____			
		夾緊方式 Locking method	☐ 氣壓 Pneumatic ☐ 油壓 Hydraulic			
電磁閥 Solenoid		☐ AC110V ☐ AC220V ☐ DC24V				
放置方向 Placement direction		☐ 與X軸平行放置，A、C軸 Parallel to the X axis(A/C) ☐ 與Y軸平行放置，B、C軸 Parallel to the Y axis(B/C)				
接線盒位置 Connector Cover		☐ 後方(一般用於A、C軸)Back(Generally used A/C axis) ☐ 前方(一般用於B、C軸)Front(Grenerally used B/C axis)				
動力/信號線出線方式 Power/Signal Wires		☐ 標準軍規接頭 (日系系統) Standard Military Connector (for JP NC System) ☐ 貼壁式接頭 (歐規系統) Aero-Connector (for EU NC System) ☐ 其他Other _____				
三菱系統接角方式 Mitsubishi system angle method		☐ 17PIN ☐ 19PIN				
特別附件 Special Additional	尾座 Tailstock	圓盤煞車尾座 Rotary Tailstock		☐ TR-125P ☐ TR-170P/H ☐ TR-200H ☐ TR-250H ☐ TR-250HS ☐ TR-320H		
		手動頂針尾座 Manual Quill Tailstock		☐ TS-110 ☐ TS-135 ☐ TS-160 ☐ TS-210		
		氣/油壓頂針尾座 P/H Quill Tailstock		☐ TS-110P ☐ TS-135P ☐ TS-160P/H ☐ TS-210P/H		
	光學尺 Optical Scale ☐ 客戶提供Buyer ☐ 康普提供Campower	☐ 海德漢HEIDENHAIN ☐ 雷尼紹RENISHAW ☐ 其它Other _____ As a recommended option for tilting axis upon 5 axis application.				
	氣油壓分配器 Oil/Air Distributor (for end-user)	4th axis	☐ HA80x100LB(腳架型)(Tripod type) ☐ HA80x100FB(安裝版)使用壓力5公斤 (Installed version)Working pressure 5 kg ※耐壓1.5Mpa 壓力0.07~0.97Mpa Withstand pressure 1.5Mpa pressure 0.07 ~ 0.97Mpa			
		5th axis	☐ 1P(進)/1T(出) 1P(in)/2T(out) ☐ 2P(進)/2T(出) 2P(in)/2T(out) ☐ 其他Other _____			