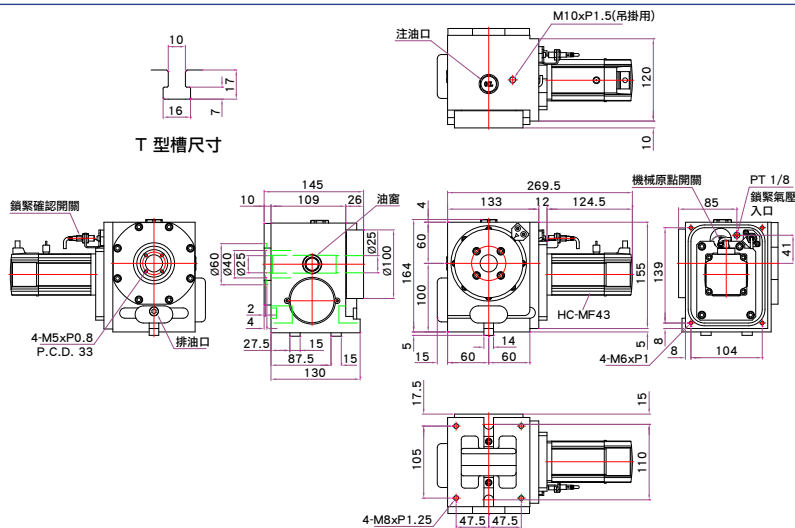


電腦數控分度盤 CNC Rotary Table

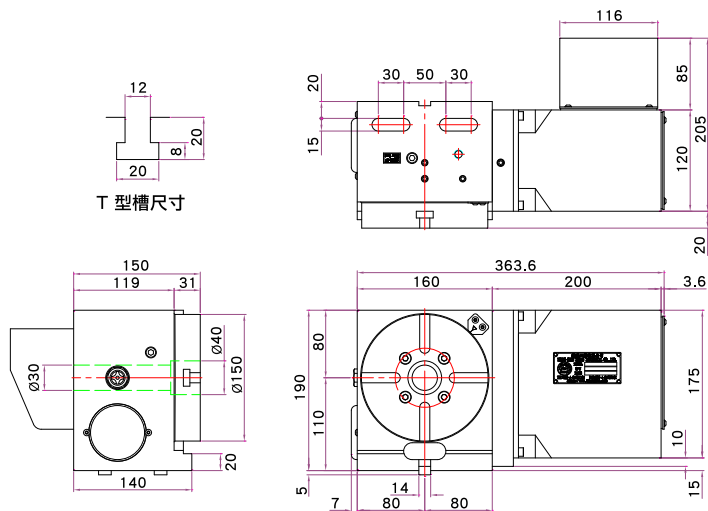
- ◆ 製作技術：蝸輪採用單齒加工，比傳統的多齒一體成型機，擁有更高的品質與精度。
- ◆ 蝸輪材質：4 號鋁青銅，硬度可達到 HRB180，可延長產品壽命，延長產生背隙時間。
- ◆ 檢測方式：自動化儀器檢測，自動列印產品檢測報告。
- ◆ Manufacturing Techniques: Compared with conventional multi-toothed machine, the single-toothed worm wheel with high techniques can assure better quality.
- ◆ Material of worm: ALBC4. The hardness is HRB180, making the product durable and prolonging the time of backlash occurrence.
- ◆ Inspection: The product is inspected by automatic measuring device, which prints inspection report automatically.

型式 Model			NRT-A100R	NRT-150R	NRT-A170R	NRT-200R
盤面直徑 Table diameter		mm	Ø 100	Ø 150	Ø 170	Ø 200
基準中心孔 Center bore		mm	Ø 25 H7	Ø 40 H7	Ø 40 H7	Ø 60 H7
主軸中心穿透孔 Diameter of center through hole		mm	Ø 25	Ø 30	Ø 40	Ø 40
垂直放置中心高 Center height (vertically)		mm	100	110	285	135
水平放置總高 Overall height (horizontally)		mm	135	150	135	195
T 型槽寬度 Width of T-slot		mm	10 H7	12 H7	12 H7	12 H7
基準導槽寬 Width of guide block		mm	14 H7	14 H7	14 H7	14 H7
鎖緊裝置 Clamping device		kg/cm ²	空壓 5	油壓 35	空壓 5	油壓 35
最小分割角度 Min. indexing degree		degree	0.001°	0.001°	0.001°	0.001°
分割精度 (累積值) Indexing accuracy(accumulative)		arc sec	45″	45″	20″	20″
重現精度 Repeatability		arc sec	±2″	±2″	±2″	±2″
鎖緊扭力 Clamping torque		kg-m	8	16	14	23
最高轉速 Max. rotation speed	轉盤 Table	rpm	33.3	33.3	33.3	22.2
	馬達 Motor	rpm	2000	2000	2000	2000
伺服馬達 (選配) Servo motor (optional)	發那科 FANUC		α2i	α2i	α4i	α4i
	三菱 MITSUBISHI		HF-44T	HF-44T	HF-104T	HF-54T
	西門子 SIEMENS		1FK7042	1FK7042	1FK7063	1FK7060
	海德漢 HEIDENHAIN		QSY96A	QSY96A	QSY116E	QSY116C
總齒數比 Gear ratio			1/60	1/60	1/90	1/90
容許切削扭力 Permissible cutting torque	F	 kg	600	800	800	1000
	FxR	 kg-m	8	16	11	24
	FxL	 kg-m	16	40	40	65
容許積載荷重 Load Capacity	0°	 kg	50	150	150	200
	90°	 kg	25	75	70	85
淨重 Net weight		kg	25	34	55	64

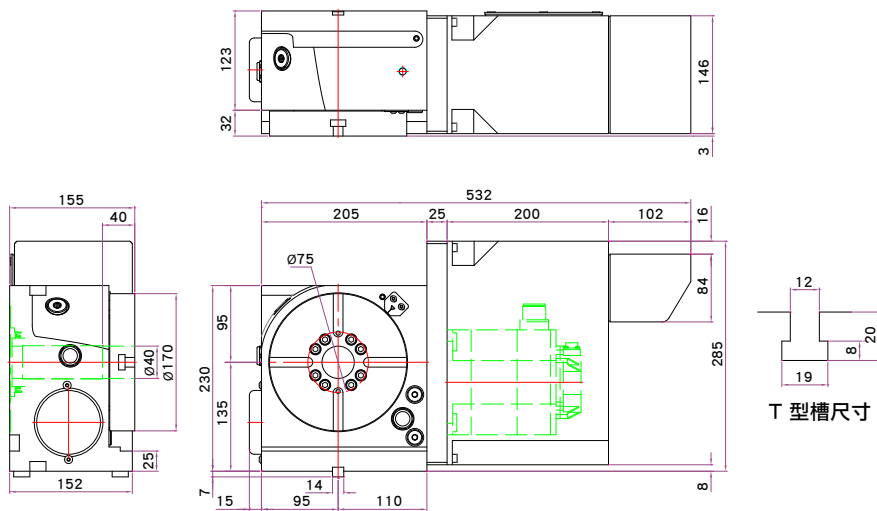
NRT-A100R



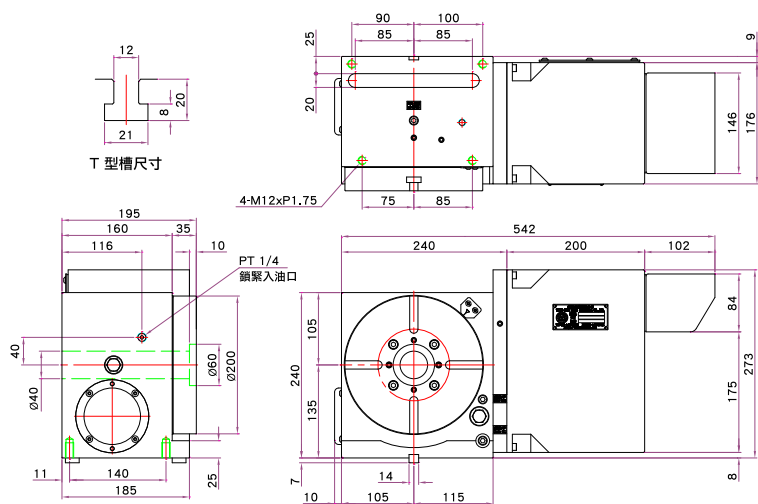
NRT-150R



NRT-A170R



NRT-200R





NRT - (B) 250 R

R 馬達右側水平放置

RV 馬達右側垂直放置

H 臥式機 Horizontal

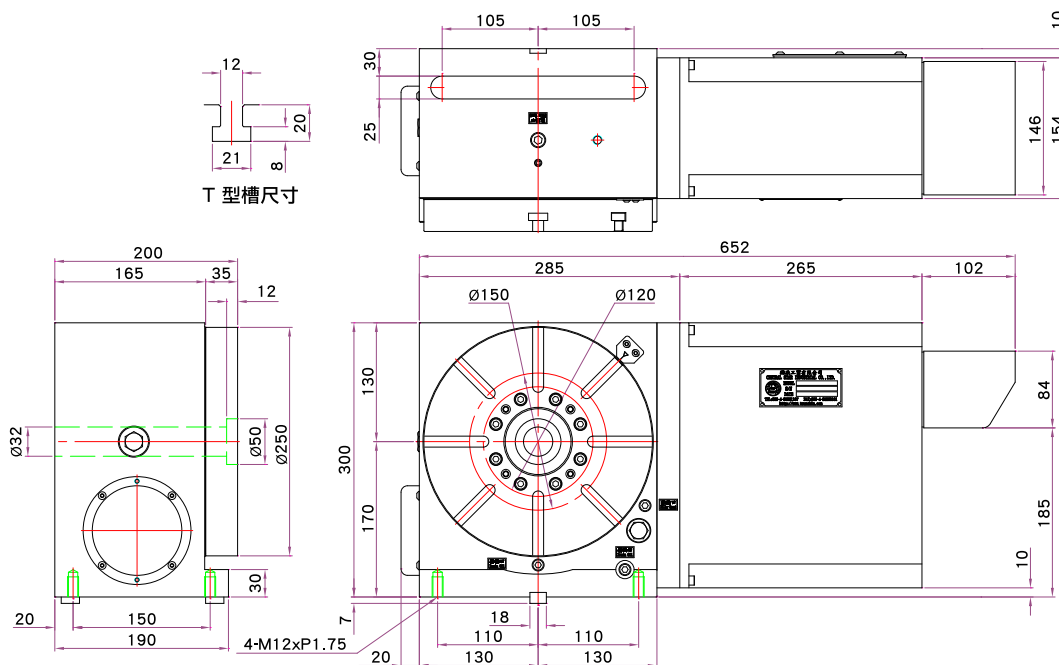
盤面尺寸 Table diameter

中心大孔徑 Big through hole

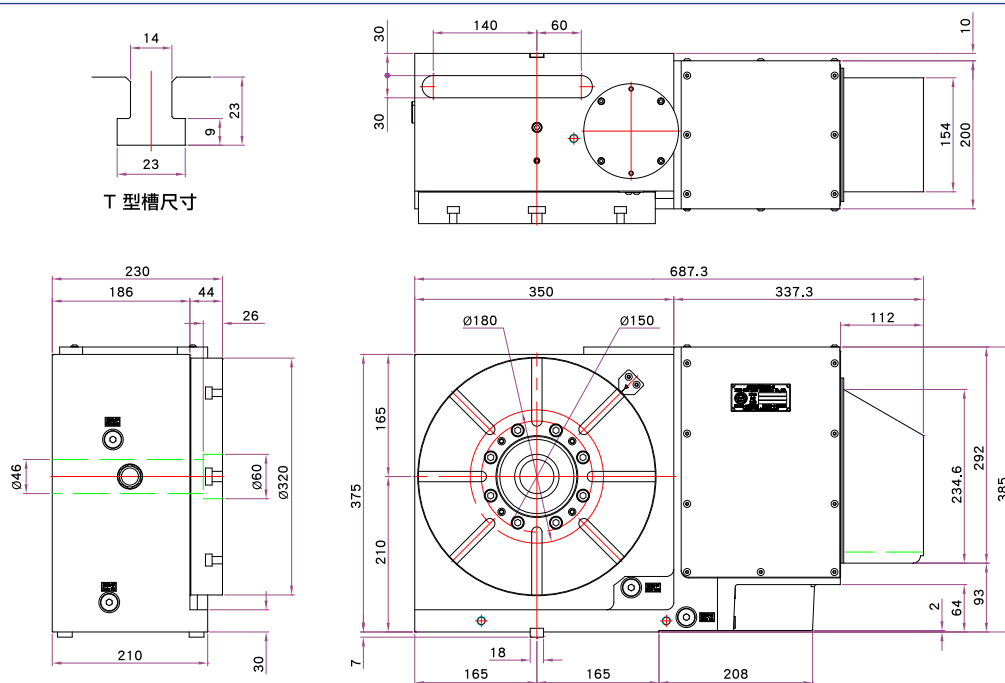
電腦數控分度盤 CNC

NRT-250R

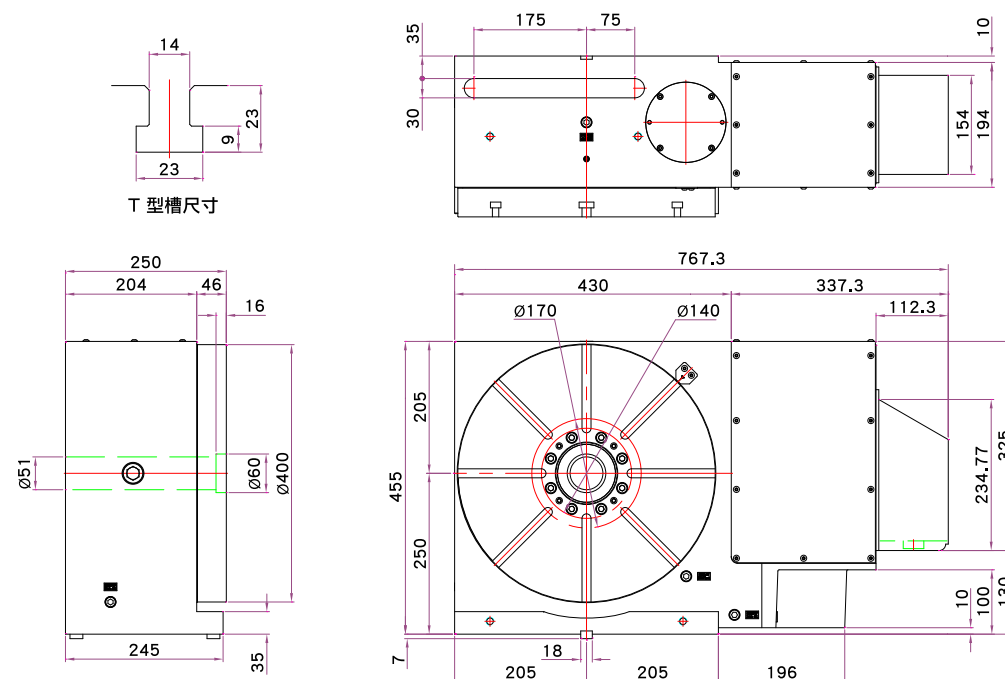
型式 Model			NRT-250R	NRT-320RV	NRT-400RV
盤面直徑 Table diameter		mm	Ø 250	Ø 320	Ø 400
基準中心孔 Center bore		mm	Ø 50 H7	Ø 60 H7	Ø 60 H7
主軸中心穿透孔 Diameter of center through hole		mm	Ø 32	Ø 46	Ø 51
垂直放置中心高 Center height (vertically)		mm	170	210	250
水平放置總高 Overall height (horizontally)		mm	200	230	250
T 型槽寬度 Width of T-slot		mm	12 H7	14 H7	14 H7
基準導槽寬 Width of Guide block		mm	18 H7	18 H7	18 H7
鎖緊裝置 (油壓) Clamping device (Hydraulic)		kg/cm ²	35	35	35
最小分割角度 Min. indexing degree		degree	0.001°	0.001°	0.001°
分割精度 (累積值) Indexing accuracy(accumulative)		arc sec	15″	15″	15″
重現精度 Repeatability		arc sec	±2″	±2″	±2″
鎖緊扭力 Clamping torque		kg-m	48	78	170
最高轉速 Max. rotation speed	轉盤 Table	rpm	16.6	16.6	11.1
	馬達 Motor	rpm	2000	2000	2000
伺服馬達 (選配) Servo motor (optional)	發那科 FANUC		α4i / α8i	α12i	α12i
	三菱 MITSUBISHI		HF-104 / 154	HF-204T	HF-204T
	西門子 SIEMENS		1FK7063	1FK7083	1FK7083
	海德漢 HEIDENHAIN		QSY116E	QSY155B	QSY155B
總齒數比 Gear ratio			1/120	1/120	1/180
容許切削扭力 Permissible cutting torque	F	 kg	1400	1700	2000
	FxR	 kg-m	50	85	180
	FxL	 kg-m	85	110	180
容許積載荷重 Load Capacity	0°	 kg	250	350	500
	90°	 kg	100	150	200
淨重 Net weight		kg	90	220	254



NRT-250R

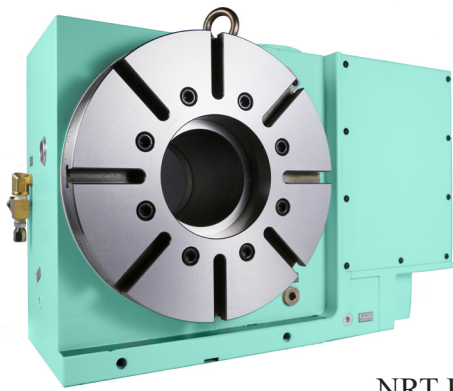


NRT-320RV

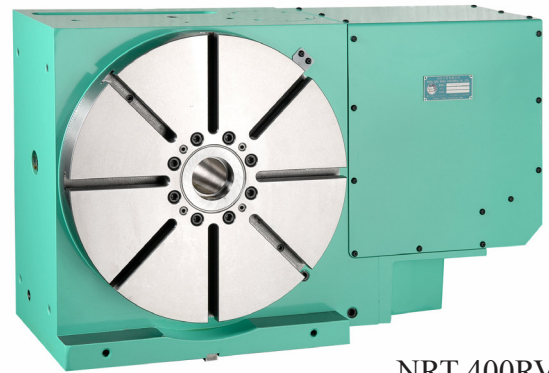


NRT-400RV

電腦數控分度盤 CNC Rotary Table

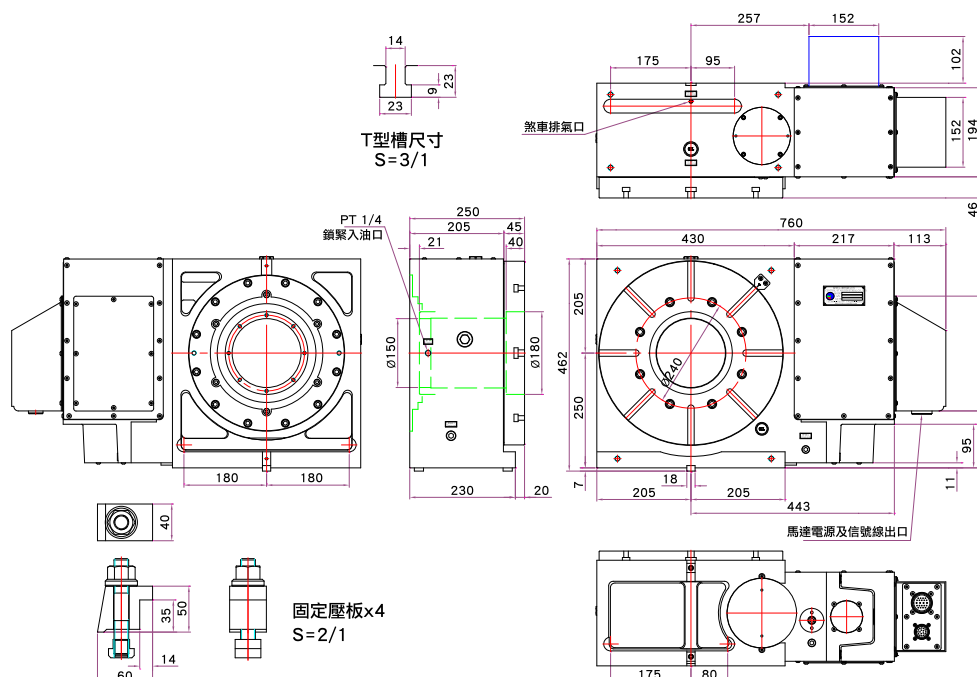
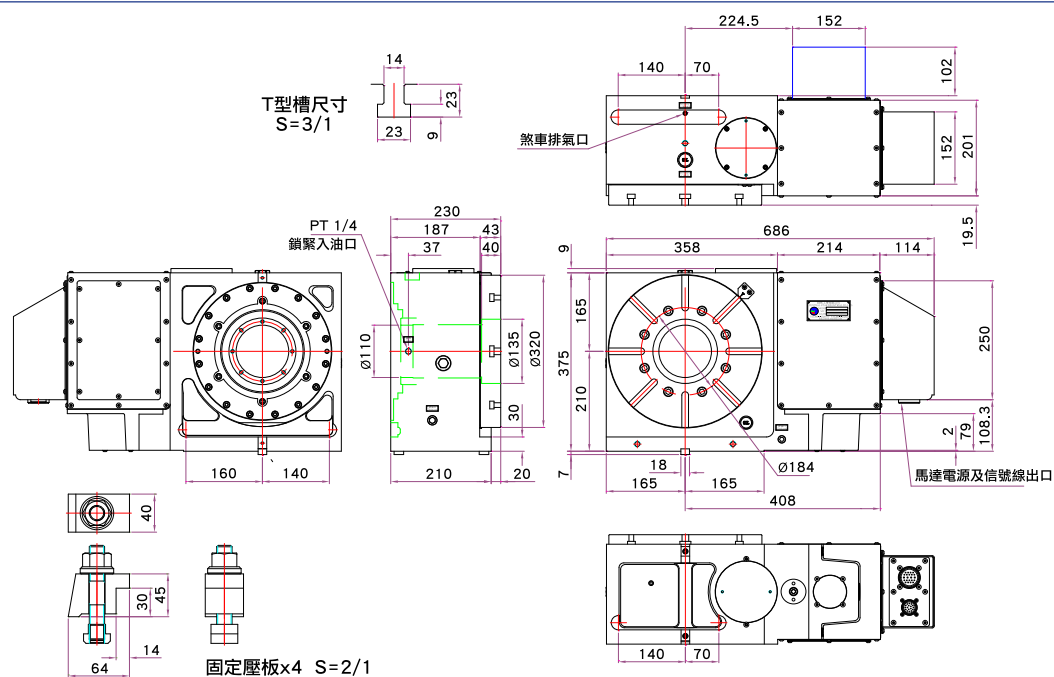
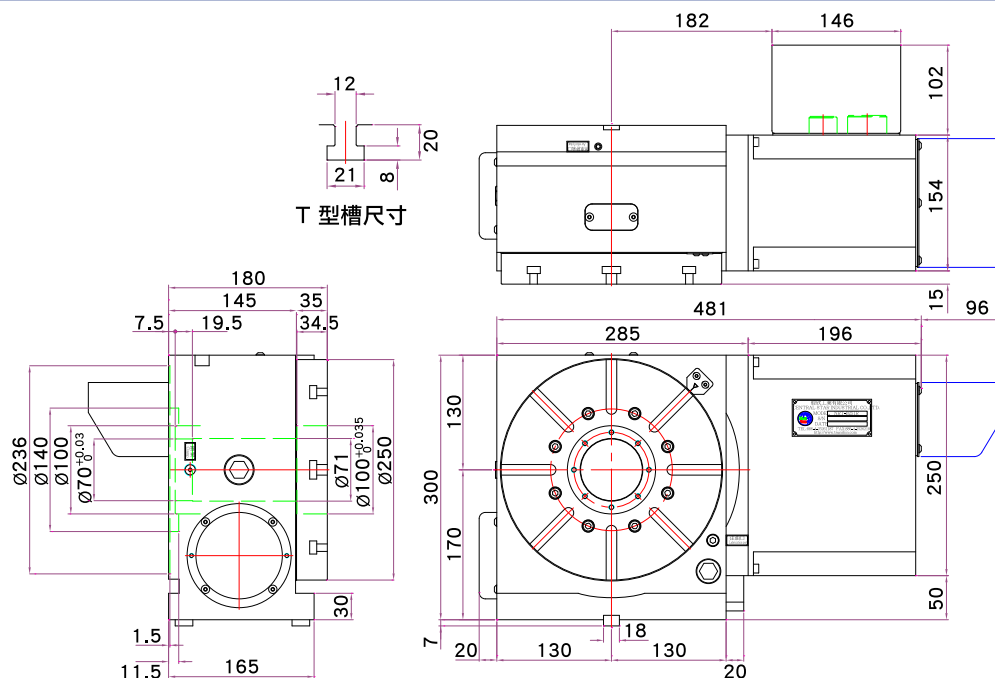


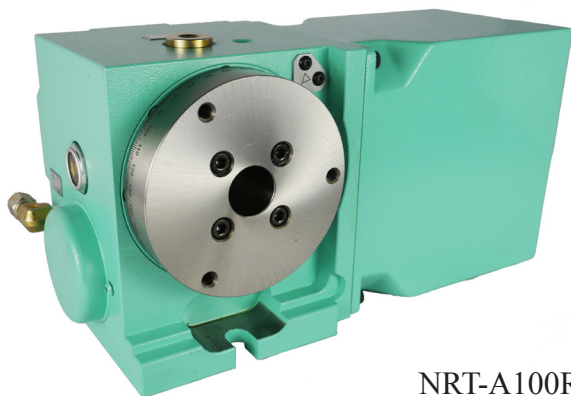
NRT-B321RV



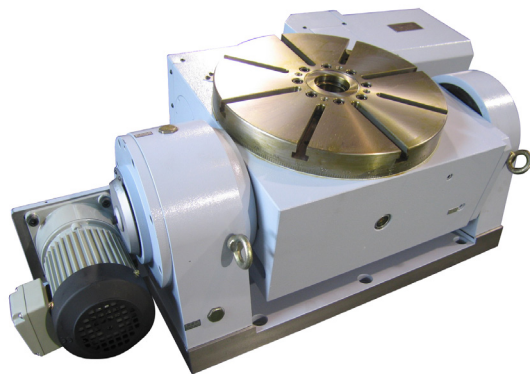
NRT-400RV

型式 Model			NRT-B251R	NRT-B321RV	NRT-B401RV
盤面直徑 Table diameter	mm		Ø 250	Ø 320	Ø 400
基準中心孔 Center bore	mm		Ø 100 H7	Ø 135 H7	Ø 180 H7
主軸中心穿透孔 Diameter of center through hole	mm		Ø 70	Ø 110	Ø 150
垂直放置中心高 Center height (vertically)	mm		170	210	250
水平放置總高 Overall height (horizontally)	mm		180	230	250
T 型槽寬度 Width of T-slot	mm		12 H7	14 H7	14 H7
基準導槽寬 Width of Guide block	mm		18 H7	18 H7	18 H7
鎖緊裝置 (油壓) Clamping device (Hydraulic)	kg/cm ²		35	35	35
最小分割角度 Min. indexing degree	degree		0.001°	0.001°	0.001°
分割精度 (累積值) Indexing accuracy (accumulative)	arc sec		15"	15"	15"
重現精度 Repeatability	arc sec		±2"	±2"	±2"
鎖緊扭力 Clamping torque	kg-m		100	200	300
最高轉速 Max. rotation speed	轉盤 Table	rpm	16.6	16.6	11.1
	馬達 Motor	rpm	2000	2000	2000
伺服馬達 (選配) Servo motor (optional)	發那科 FANUC		α4i / α8i	α12i	α12i
	三菱 MITSUBISHI		HF-104T	HF-204T	HF-204T
	西門子 SIEMENS		1FK7053	1FK7083	1FK7083
	海德漢 HEIDENHAIN		QSY116E	QSY155B	QSY155B
總齒數比 Gear ratio			1/120	1/120	1/180
容許切削扭力 Permissible cutting torque	FxR	 kg-m	50	95	170
容許積載荷重 Load Capacity	0°	 kg	250	400	500
	90°	 kg	100	200	250
淨重 Net weight		kg	80	166	280



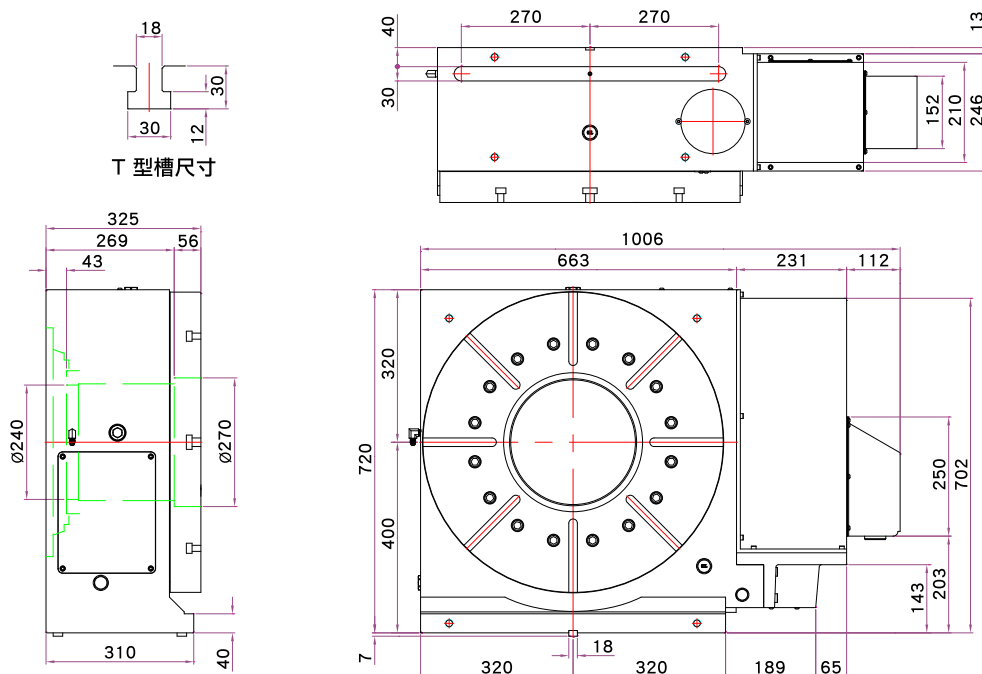
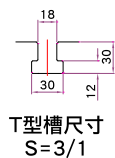
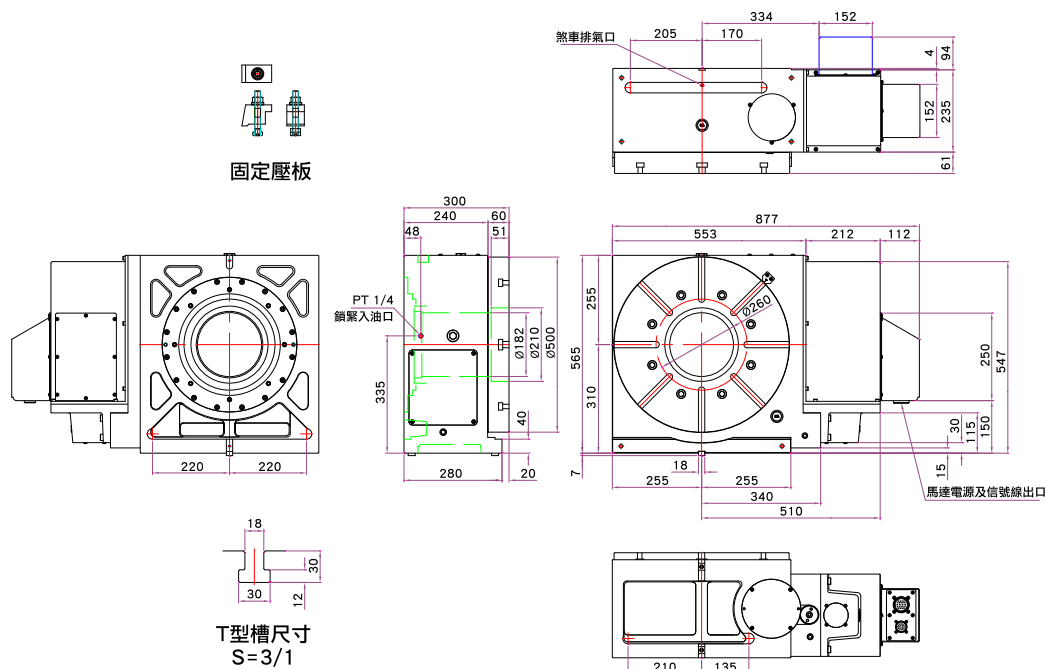


NRT-A100R

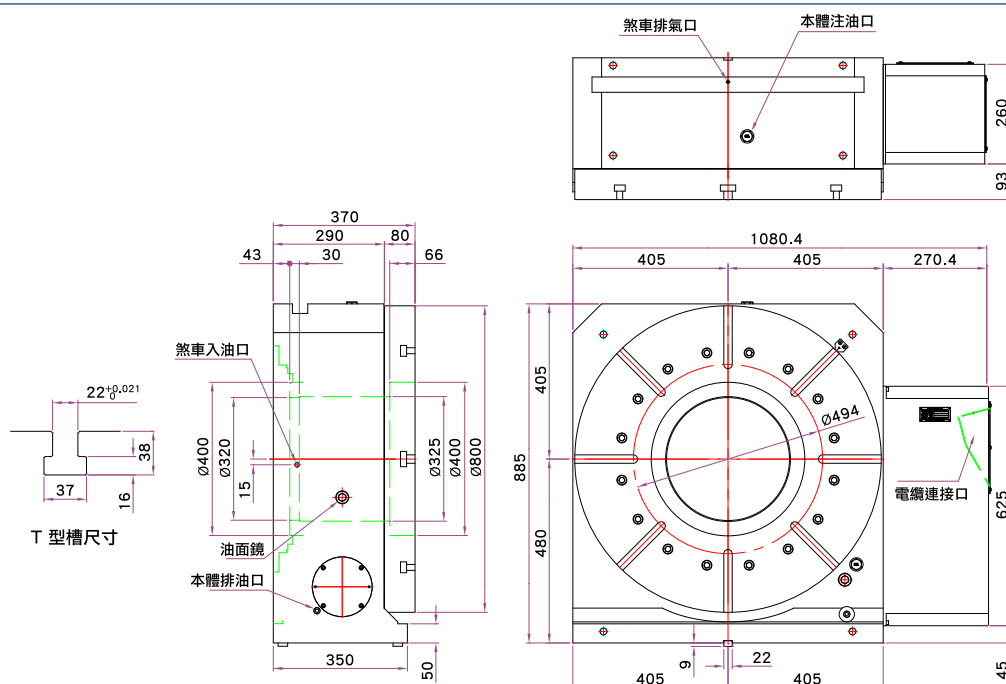


NRT-400TE (特製品)

型式 Model			NRT-B500RV	NRT-B630RV	NRT-B800R
盤面直徑 Table diameter		mm	Ø 500	Ø 630	Ø 800
基準中心孔 Center bore		mm	Ø 210 H7	Ø 270 H7	Ø 400 H7
主軸中心穿透孔 Diameter of center through hole		mm	Ø 182	Ø 240	Ø 320
垂直放置中心高 Center height (vertically)		mm	310	400	885
水平放置總高 Overall height (horizontally)		mm	300	325	370
T 型槽寬度 Width of T-slot		mm	18 H7	18 H7	22 H7
基準導槽寬 Width of Guide block		mm	18 H7	18 H7	x
鎖緊裝置 (油壓) Clamping device (Hydraulic)		kg/cm ²	35	35	35
最小分割角度 Min. indexing degree		degree	0.001°	0.001°	0.001°
分割精度 (累積值) Indexing accuracy(accumulative)		arc sec	15″	15″	15″
重現精度 Repeatability		arc sec	±2″	±2″	±2″
鎖緊扭力 Clamping torque		kg-m	240	420	750
最高轉速 Max. rotation speed	轉盤 Table	rpm	11.1	11.1	8.3
	馬達 Motor	rpm	2000	2000	2000
伺服馬達 (選配) Servo motor (optional)	發那科 FANUC		α12i	α22i	α22i
	三菱 MITSUBISHI		HF-204T	HF-354T	HF-354T
	西門子 SIEMENS		1FK7083	1FK7101	1FK7101
	海德漢 HEIDENHAIN		QSY155B	QSY155D	QSY155D
總齒數比 Gear ratio			1/180	1/180	1/240
容許切削扭力 Permissible cutting torque	F	 kg	2300	2600	3000
	FxR	 kg-m	250	450	750
	FxL	 kg-m	250	400	700
容許積載荷重 Load Capacity	0°	 kg	600	800	1500
	90°	 kg	250	400	700
淨重 Net weight		kg	480	725	1250

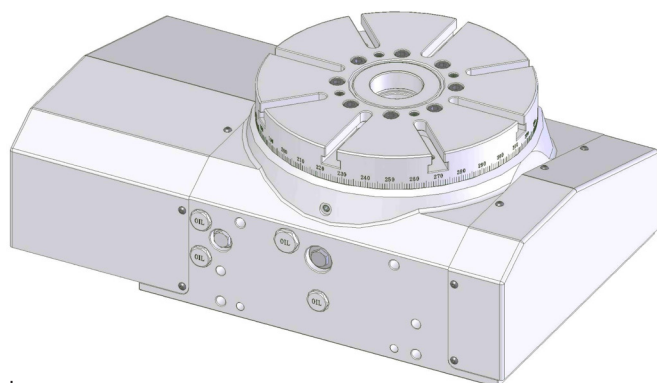


T 型槽尺寸

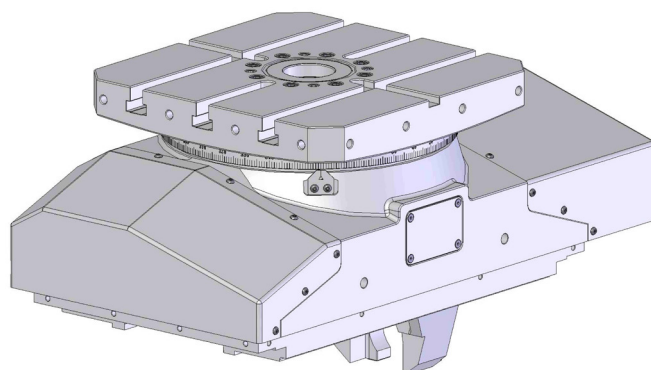


T 型槽尺寸

電腦數控分度盤 CNC Rotary Table



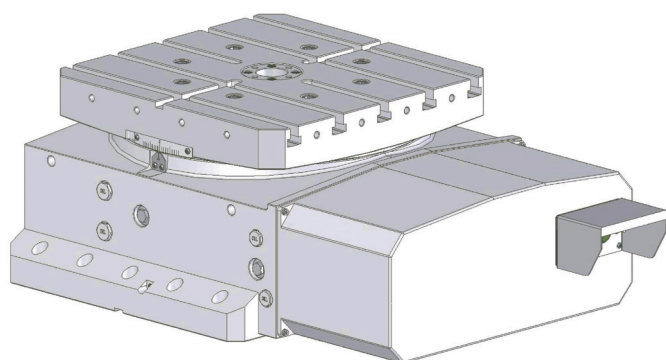
NRT-320H



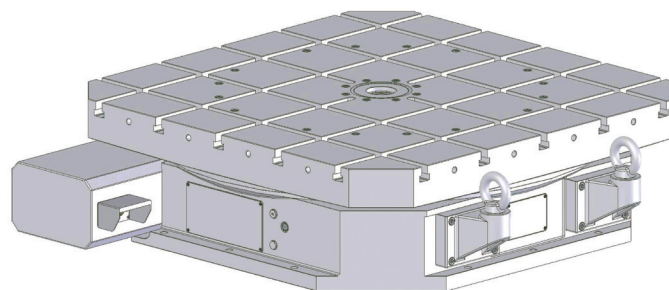
NRT-380H

型式 Model			NRT-320H	NRT-380H	NRT-500H
工作台尺寸 Table size (L x W)		mm	Ø 320	380 x 380	500 x 500
基準中心孔 Diameter of table center hole		mm	Ø 60	Ø 60	x
總高度 Overall height		mm	235	270	320
T 型槽寬度 Width of T-slot		mm	14	18	x
鎖緊裝置 (油壓) Clamping device (Hydraulic)		kg/cm ²	35	30~50	35~50
最小分割角度 Min. indexing degree		degree	0.001°	0.001°	0.001°
分割精度 (累積值) Indexing accuracy (accumulative)		arc sec	15"	15"	15"
重現精度 Repeatability		arc sec	±2"	±2"	±2"
最高轉速	轉盤 Table	rpm	16.6	16.6	11.1
Max. rotation speed	馬達 Motor	rpm	2000	2000	2000
伺服馬達 (選配) Servo motor (optional)	發那科 FANUC		α4i	β8i	α12i
總齒數比 Gear ratio			1/120	1/120	1/180
容許切削扭力 Permissible cutting torque		kg	48	75	350
容許積載荷重 Load Capacity		kg	350	350	600
淨重 Net weight		kg	176	235	450

電腦數控分度盤 CNC Rotary Table



NRT-500H

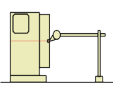
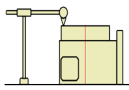
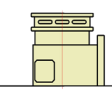
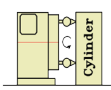
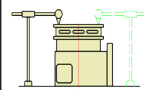
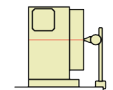
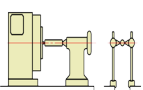
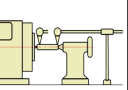


NRT-1500H

型式 Model			NRT-630H	NRT-800H	NRT-1500H
工作台尺寸 Table size (L x W)		mm	630 x 630	800 x 800	1500 x 1500
基準中心孔 Diameter of table center hole		mm	Ø 50	Ø 100	Ø 100 H7
總高度 Overall height		mm	360	400	430
T 型槽寬度 Width of T-slot		mm	18	22	28
鎖緊裝置 (油壓) Clamping device (Hydraulic)		kg/cm ²	35	35	35
最小分割角度 Min. indexing degree		degree	0.001°	0.001°	0.001°
分割精度 (累積值) Indexing accuracy (accumulative)		arc sec	15"	15"	7.5"
重現精度 Repeatability		arc sec	±2"	±2"	±2"
最高轉速 Max. rotation speed	轉盤 Table	rpm	11.1	8.3	2.77
	馬達 Motor	rpm	2000	2000	2000
伺服馬達 (選配) Servo motor (optional)	發那科 FANUC		α12i / α22i	α22i	α22i
總齒數比 Gear ratio			1/180	1/240	1/720
容許切削扭力 Permissible cutting torque		kg	420	700	1000
容許積載荷重 Load Capacity		kg	800	1500	10000
淨重 Net weight		kg	950	1400	4010

標準精度檢驗項目 Accuracy Standard

項次 No.	檢驗項目 Inspection Items
1	基準中心旋轉偏擺 Runout of center bore
2	盤面旋轉起伏 Runout of Table top
3	盤面真平度 Flatness of table top
4	盤面與底座垂直度 Perpendicularity of table top to frame bottom
5	盤面與底座平行度 Parallelism of table top to frame bottom
6	盤面與底座基準導塊垂直度 Perpendicularity of table top to guide blocks at table bottom
7	轉盤與尾座基準導塊平行度 Parallelism between bottom guide block & center height of rotary table to tailstock
8	轉盤與尾座中心高平行度 Parallelism of center line between rotary table and tailstock
9	分割精度 (光學儀器測量) Indexing accuracy (arc sec) -- measured by an optical measuring device

型號 Model	1	2	3	4	5	6	7	8
								
NRT-A100R	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02
NRT-150R	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02
NRT-A170R	0.01	0.015	0.02	0.02	0.02	0.02	0.02	0.02
NRT-200R	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02
NRT-250R	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02
NRT-320RV	0.01	0.015	0.015	0.02	0.02	0.02	0.02	0.02
NRT-400RV	0.01	0.015	0.015	0.02	0.02	0.02	0.02	0.02
NRT-B251R	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02
NRT-B321RV	0.01	0.015	0.015	0.02	0.02	0.02	0.02	0.02
NRT-B401RV	0.01	0.015	0.015	0.02	0.02	0.02	0.02	0.02
NRT-B500RV	0.01	0.015	0.015	0.02	0.02	0.02	0.02	0.02
NRT-B630RV	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03
NRT-B800R	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03
NRT-320H	0.01	0.01	0.015	/	0.02	/	/	/
NRT-380H	0.01	0.01	0.015	/	0.02	/	/	/
NRT-500H	0.01	0.02	0.02	/	0.03	/	/	/
NRT-630H	0.01	0.02	0.02	/	0.03	/	/	/
NRT-800H	0.01	0.02	0.02	/	0.03	/	/	/
NRT-1500H	0.01	0.03	0.04	/	0.04	/	/	/