

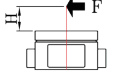
油壓齒式分割盤 Hydraulic Coupling Gear Indexer

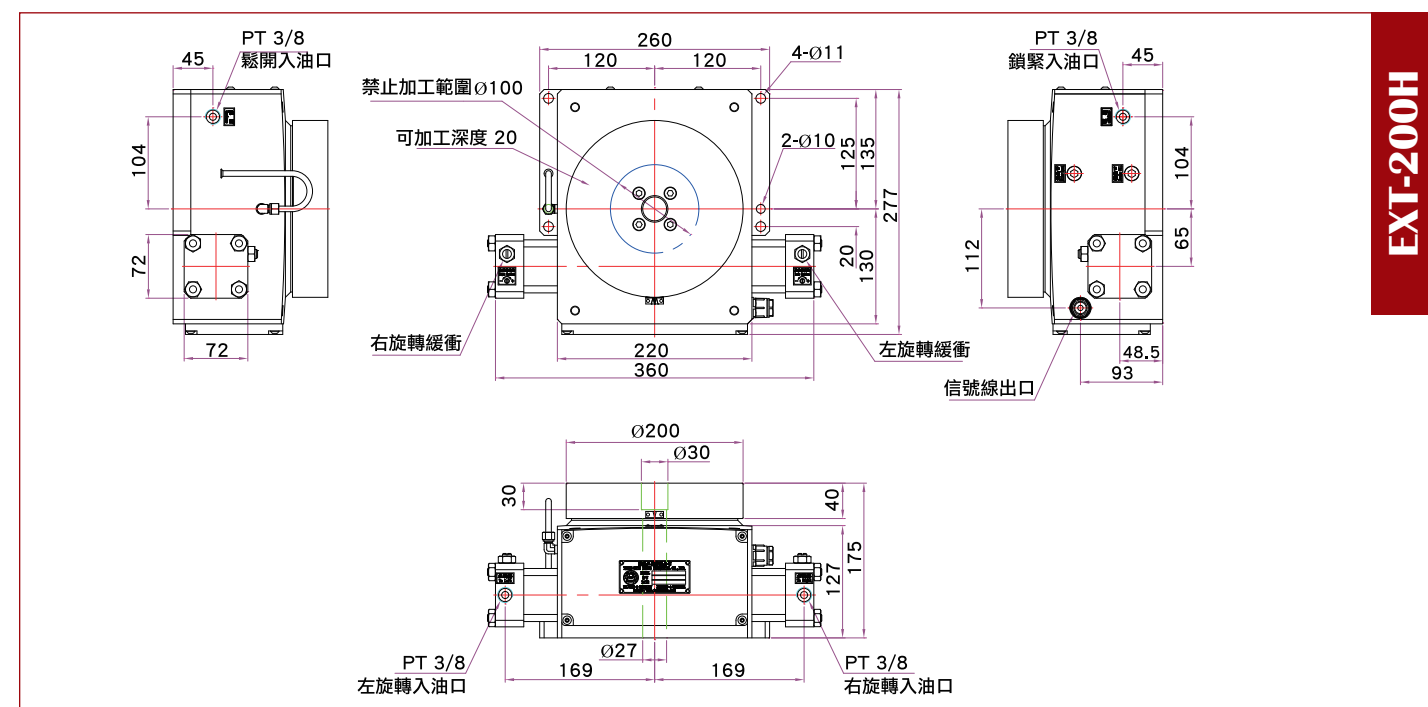


EXT - 340 H

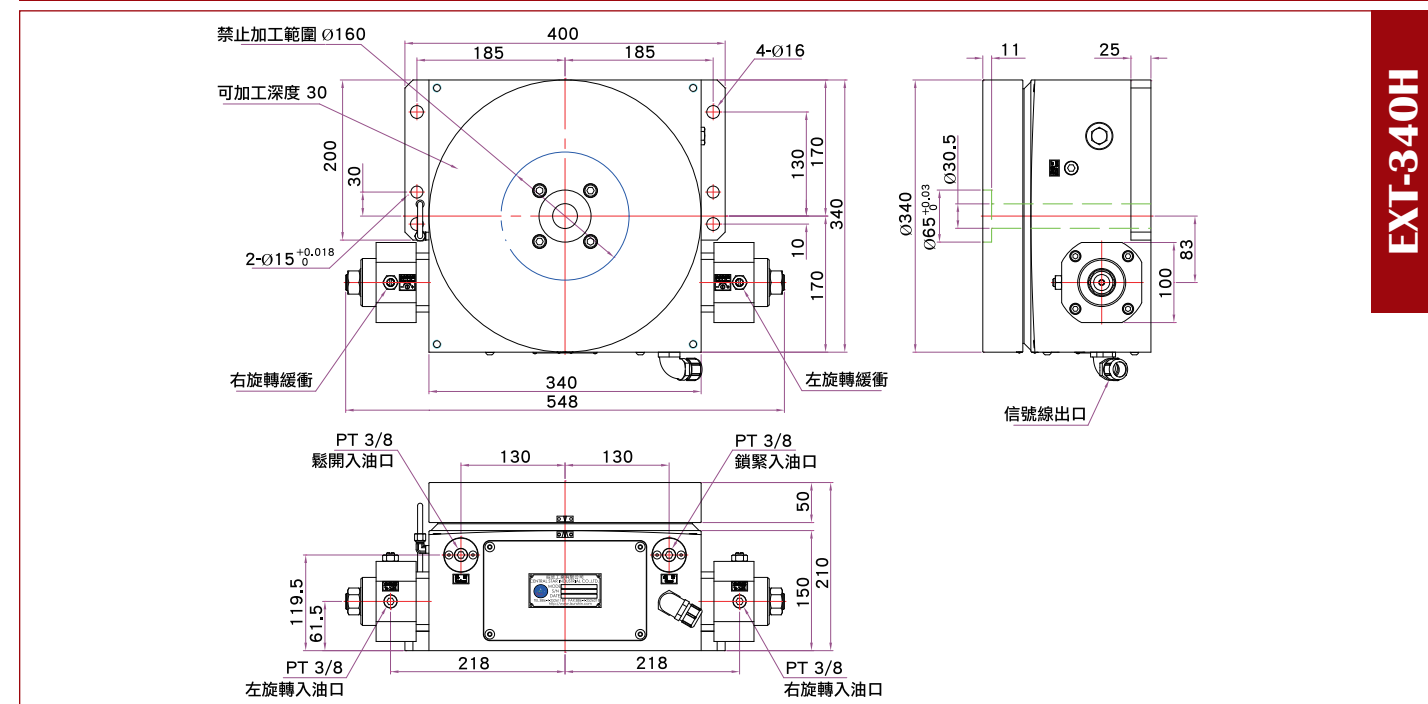
- H 臥式機 Horizontal
- V 立式機 Vertical
- P 旋轉工作台 Swing Pallet

盤面尺寸 Table diameter
油壓驅動，三片離合齒定位

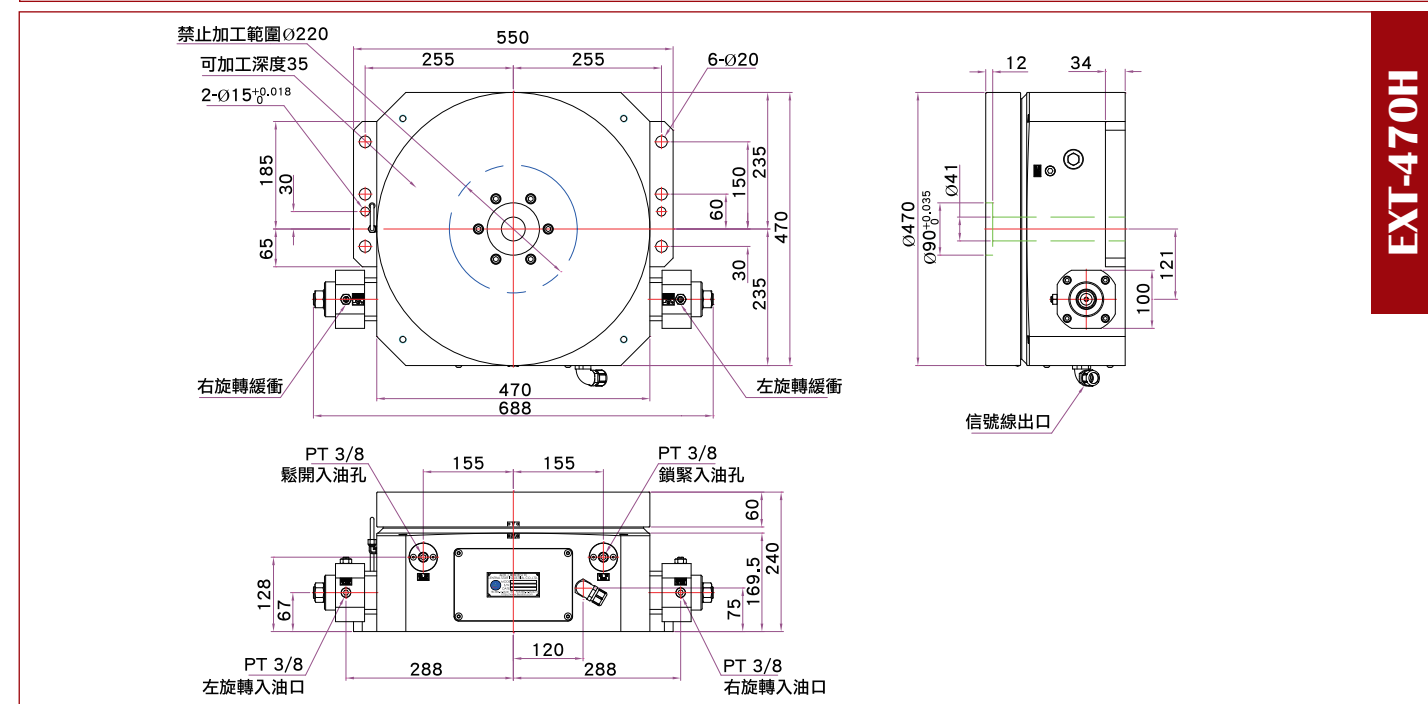
型式 Model			EXT-200H	EXT-340H	EXT-470H	
盤面直徑 Table diameter		mm	Ø 200	Ø 340	Ø 470	
基準中心孔 Center bore		mm	Ø 30 H7	Ø 65 H7	Ø 90 H7	
基準中心孔深度 Depth of center bore		mm	30	11	11	
主軸中心穿透孔 Diameter of center through hole		mm	Ø 27	Ø 30.5	Ø 41	
水平放置總高 Overall height (Horizontally)		mm	175	210	240	
油壓使用壓力 Hydraulic pressure		kg/cm ²	30	35	35	
分割精度 (累積值) Indexing accuracy (accumulative)		arc sec	4"	4"	4"	
重現精度 Repeatability		arc sec	±1"	±1"	±1"	
分割台等分割數 (標準) Indexing number (standard)			4 / 6 / 8 / 12 / 24 (擇一 One of them)			
分割台等分割數 (特殊) Indexing number (special)			2 / 3 / 5 / 9 ... 接受特殊等分訂購 By special order			
旋轉方向 Rotating direction			正反轉皆可 CW & CCW			
旋轉 90° 的時間方向 Indexing time of 90°		sec	3	3.5	4	
容許瞬間慣性 GD ² Permissible instant inertia GD ²		kg-m ²	1.75	21.5	45	
旋轉扭力 Rotation torque		kg-m	25	57	80	
鎖緊扭力 Clamping torque	F		kg N	1250 12250	1800 17640	4600 44100
	FxR		kg-m N-m	90 882	195 1911	695 6811
	FxH		kg-m N-m	60 588	115 1127	415 4067
容許積載荷重 (均佈) Load Capacity		0° 	kg	120	500	700
淨重 Net weight		kg	46	120	266	
* 旋轉 90° 的時間 (鬆開、旋轉、鎖緊) 係指在使用壓力 30kg/cm2、2HP、30L/min... 等條件下的測試值 Indexing time 90° (Unclamp, rotate, clamp) is measured under the condition of 30 kg/cm2, 2HP, 30L/min, etc.						



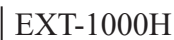
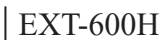
EXT-200H



EXT-340H

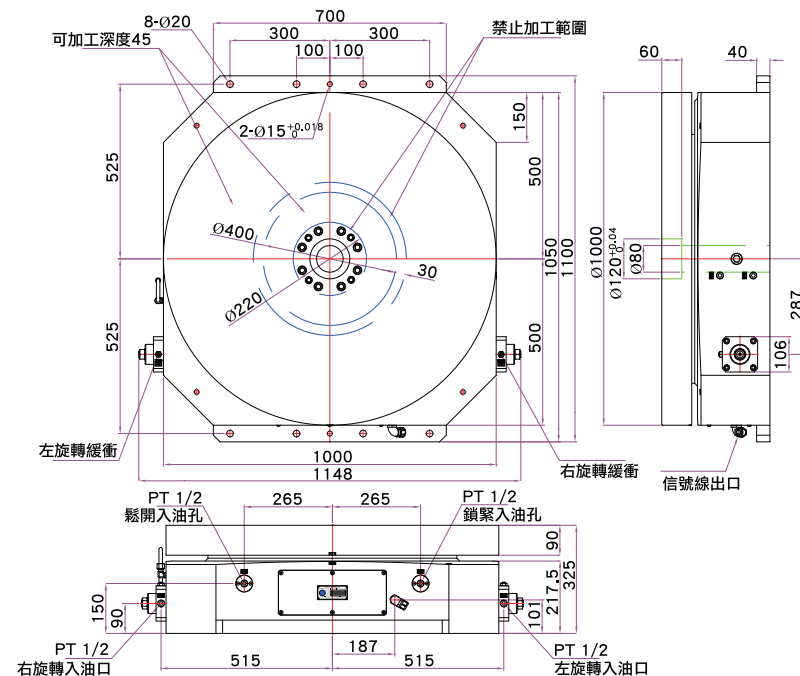
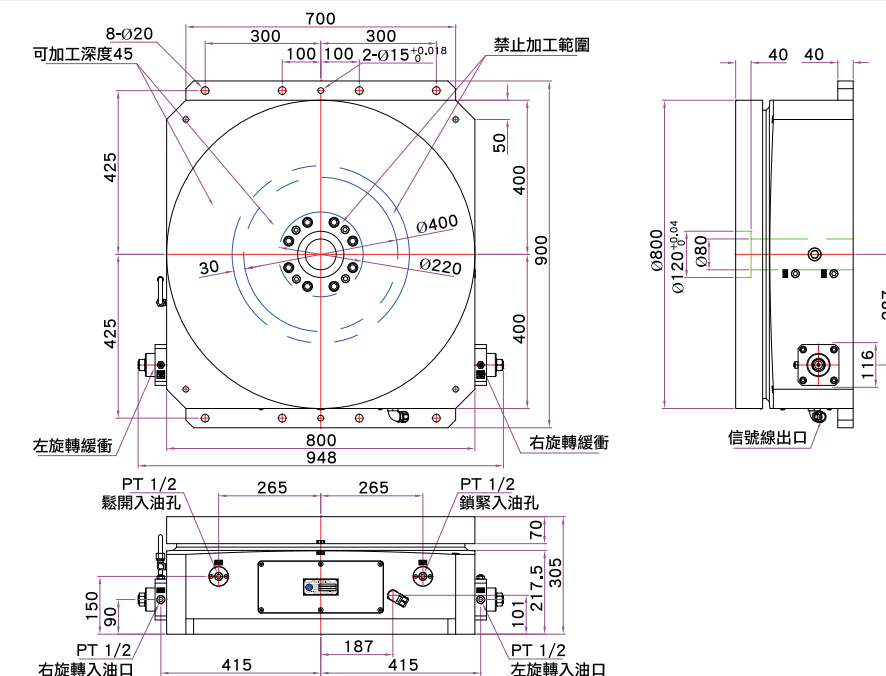
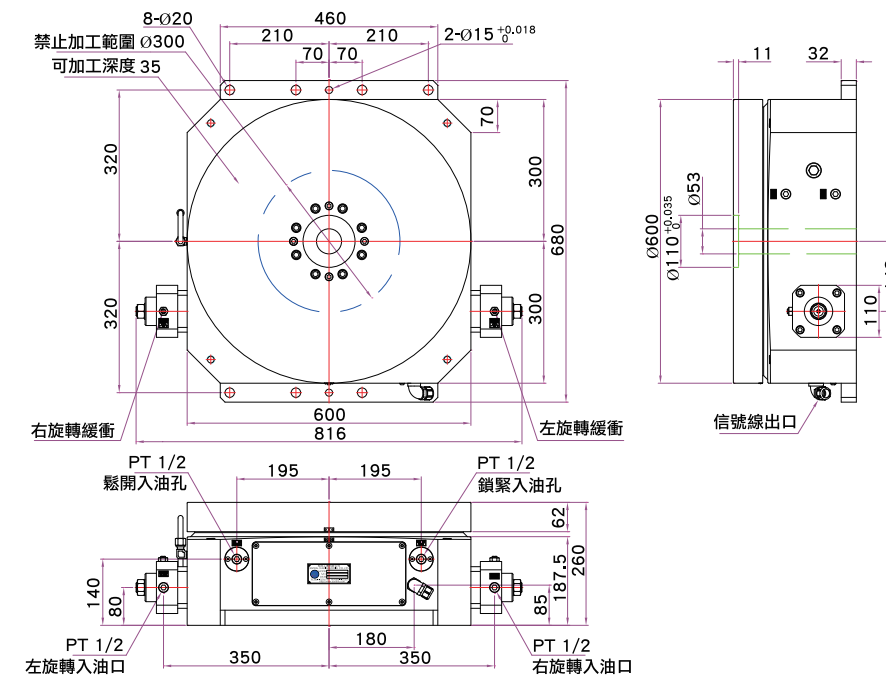


EXT-470H

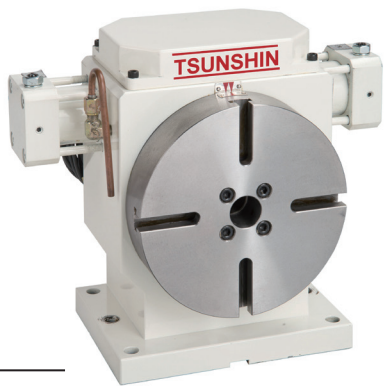


鎖緊扭力 Clamping torque	F		kg N	7550 73990	9600 94080	9600 94080
	FxR		kg-m N-m	1450 14210	3400 33320	4000 39200
	FxH		kg-m N-m	830 8134	1635 16023	1900 18620
容許積載荷重 (均佈) Load Capacity	0°		kg	1250	2400	2400
淨重 Net weight			kg	446	816	1500

* 旋轉 90° 的時間 (鬆開、旋轉、鎖緊) 係指在使用壓力 30kg/cm²、2HP、30L/min... 等條件下的測試值
Indexing time 90° (Unclamp, rotate, clamp) is measured under the condition of 30 kg/cm², 2HP, 30L/min, etc.



油壓齒式分割盤 Hydraulic Coupling Gear Indexer



EXT-200V

EXT - 250 V

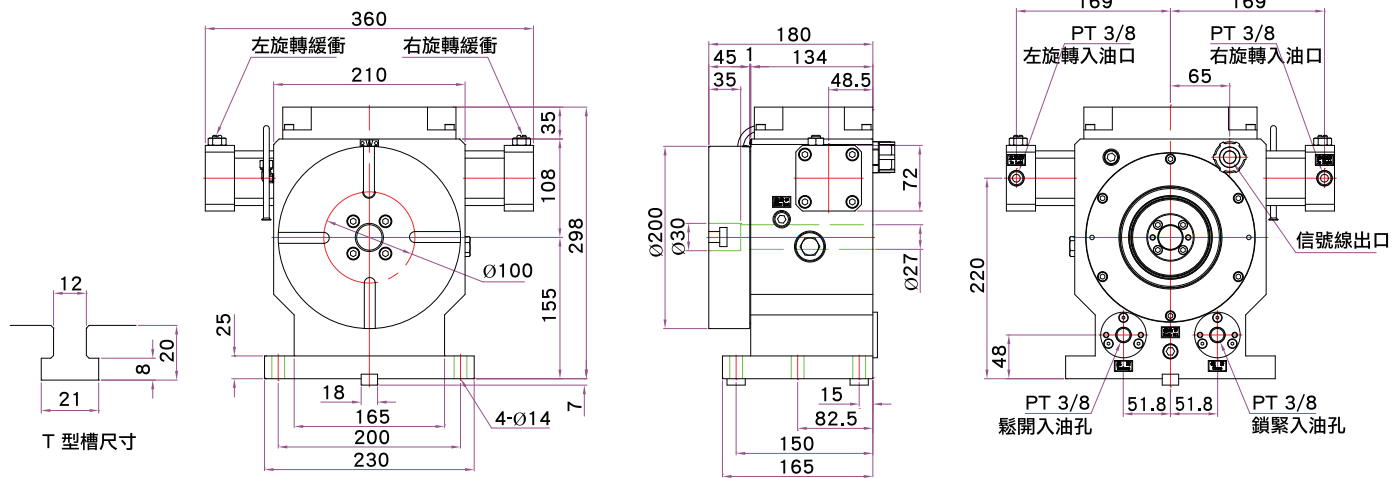
- H 臥式機 Horizontal
- V 立式機 Vertical
- P 旋轉工作台 Swing Pallet

盤面尺寸 Table diameter
油壓驅動・三片離合齒定位

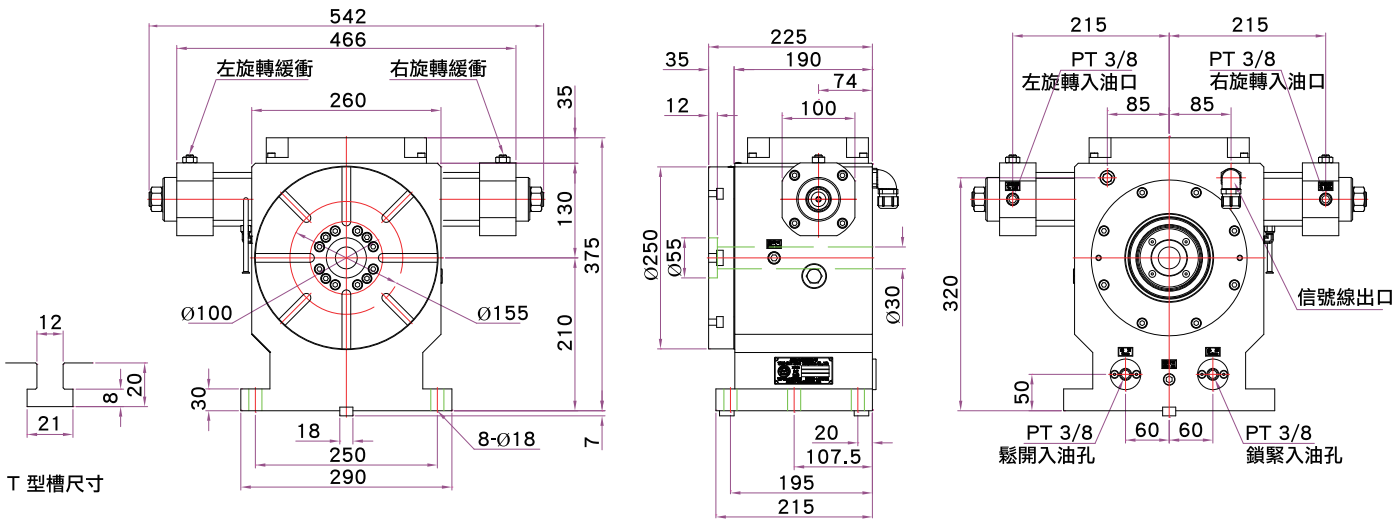
型式 Model				EXT-200V	EXT-250V	EXT-320V	
盤面直徑 Table diameter			mm	Ø 200	Ø 250	Ø 320	
基準中心孔 Center bore			mm	Ø 30 H7	Ø 55 H7	Ø 65 H7	
基準中心孔深度 Center bore depth			mm	35	12	20	
主軸中心穿透孔 Center through hole diameter			mm	Ø 27	Ø 30	Ø 31	
分割台中心高度 Center height of table			mm	155	210	230	
分割台總高度 Overall height of table			mm	298	375	395	
T 型槽寬度 Width of T-slot			mm	12H7	12H7	14H7	
基準導槽寬度 Width Guide block			mm	18H7	18H7	18H7	
油壓使用壓力 Hydraulic pressure			kg/cm ²	35	35	35	
分割精度 (累積值) Indexing accuracy (accumulative)			arc sec	4″	4″	4″	
重現精度 Repeatability			arc sec	±2″	±2″	±2″	
分割台等分割數 (標準) Indexing number (standard)				4 / 6 / 8 / 12 / 24 (擇一 One of them)			
分割台等分割數 (特殊) Indexing number (special)				2 / 3 / 5 / 9 ... 接受特殊等分訂購 By special order			
旋轉方向 Rotating direction				正反轉皆可 CW & CCW			
旋轉 90° 的時間方向 Indexing time of 90°			sec	3	3.5	4	
容許瞬間慣性 GD ² Permissible instant inertia GD ²			kg-m ²	1.75	21.3	21.3	
旋轉扭力 Rotation torque			kg-m	25	37	80	
鎖緊扭力 Clamping torque	F		kg	1250	1300	1800	
			N	12250	12740	17640	
	F x R		kg-m	90	190	195	
			N-m	882	1862	1911	
	F x L		kg-m	60	110	115	
			N-m	588	1078	1127	
容許積載荷重 (均佈) Load Capacity		90°		kg	95	130	200
淨重 Net weight			kg	50	106	144	

* 旋轉 90° 的時間 (鬆開、旋轉、鎖緊) 係指在使用壓力 30kg/cm²、2HP、30L/min... 等條件下的測試值
Indexing time 90° (Unclamp, rotate, clamp) is measured under the condition of 30 kg/cm², 2HP, 30L/min, etc.

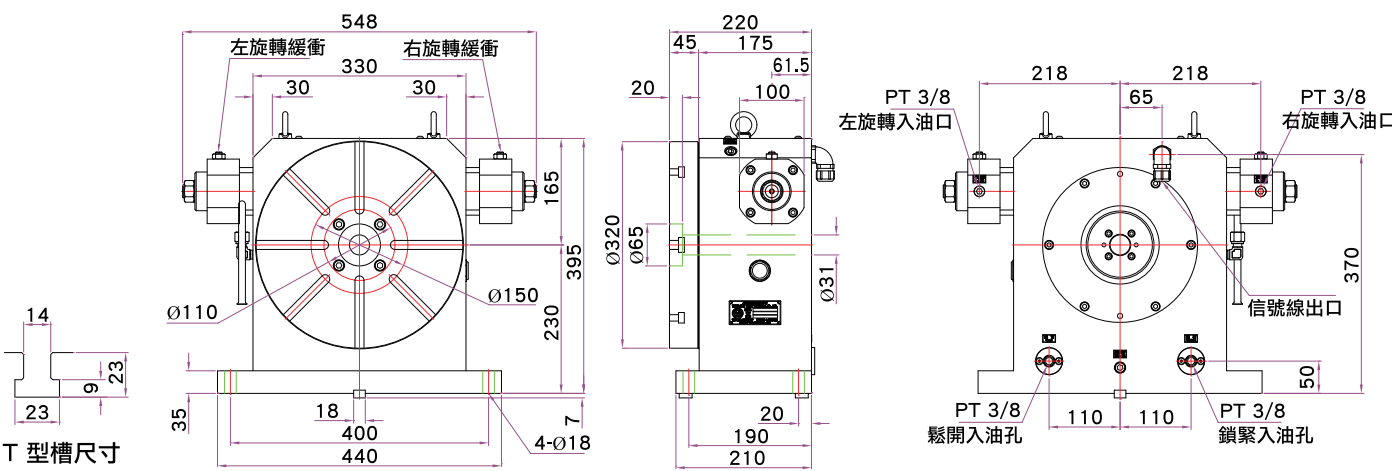
EXT-200V



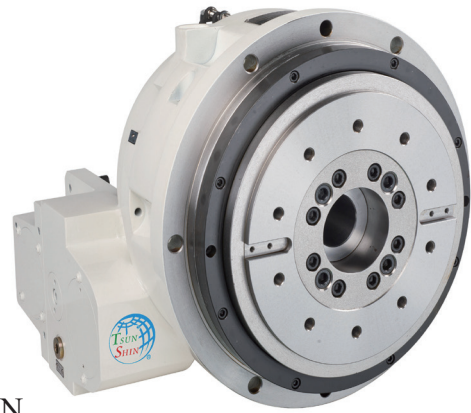
EXT-250V



EXT-320V

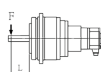


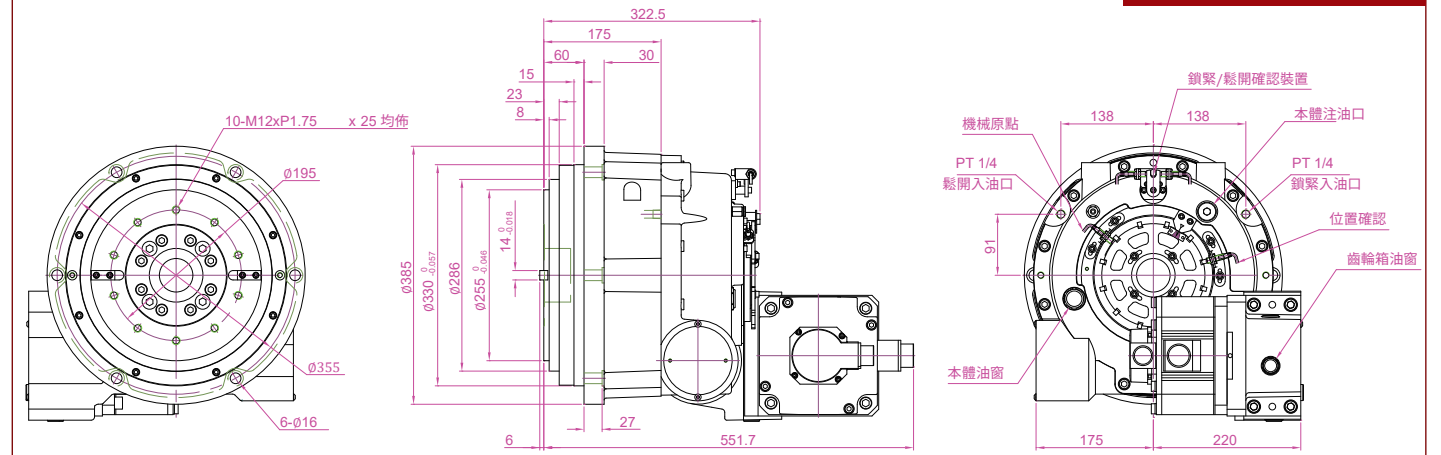
電腦數控齒式分割盤 High-Speed Gear Indexer



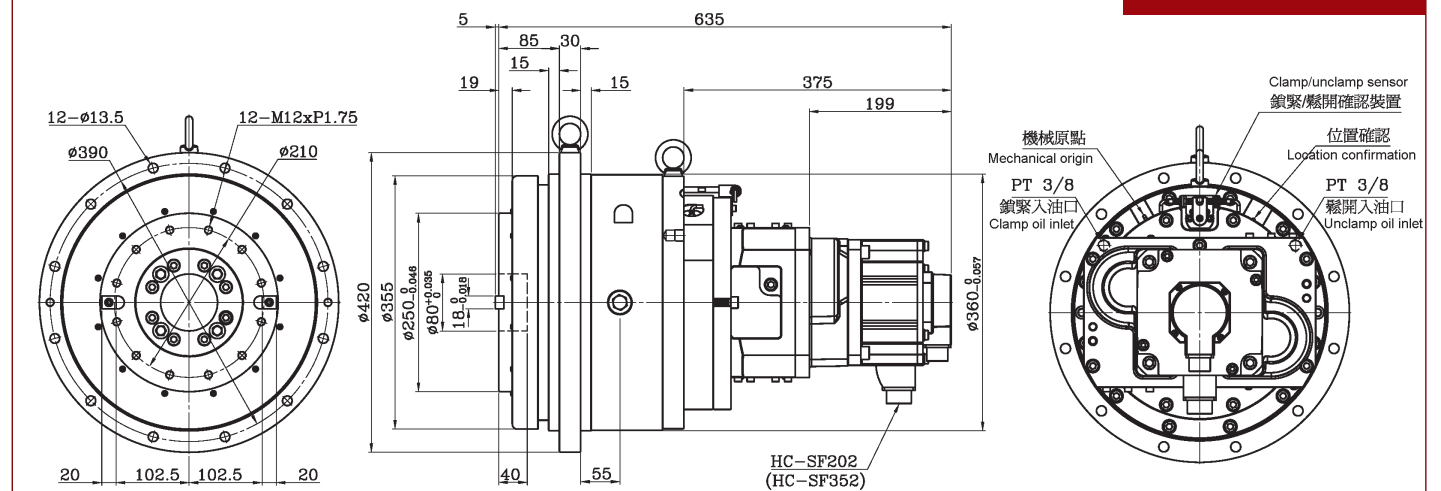
EXT-385N

- ◆ 產品特性：此型號分割盤為伺服馬達快速驅動，其他特性與油壓齒式分割盤 (EXT-H 系列) 相同。
- ◆ Characteristics: Besides the same characteristics as Hydraulic Coupling Gear Indexer (EXT-H Series), High speed gear indexer is driven by the servo motor.

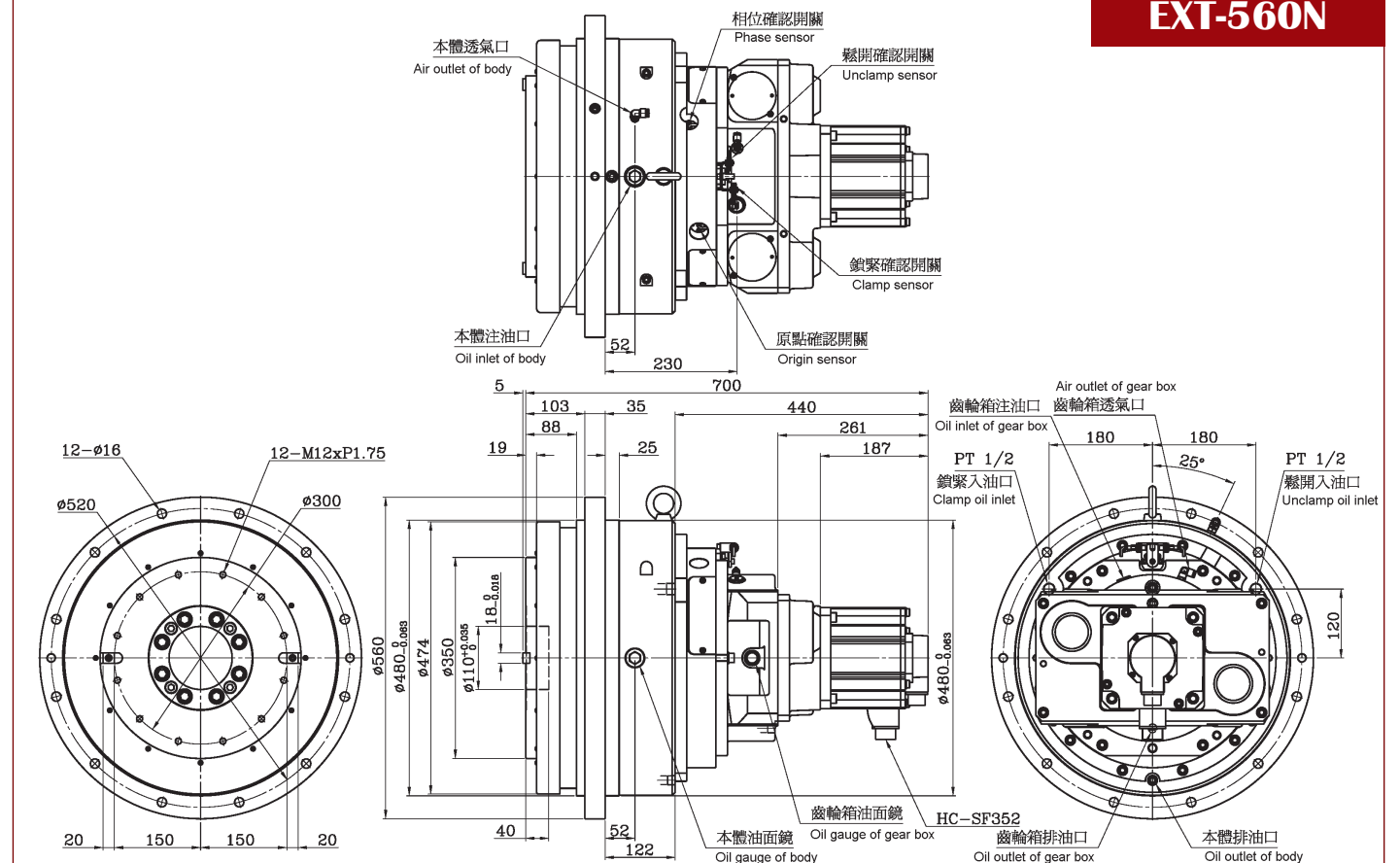
型式 Model			EXT-385N	EXT-420N	EXT-560N	
盤面固定端直徑 Diameter of table fixe side		mm	Ø 255	Ø 250	Ø 350	
中心基準孔 Center bore		mm	Ø 80	Ø 80	Ø 100	
分割精度 (累積值) Indexing accuracy (accumulative)		arc sec	4″	4″	4″	
重現精度 Repeatability		arc sec	±1″	±1″	±1″	
分割台等分割數 (標準) Indexing number (standard)			2 / 3 / 4 / 6 / 8 / 12 / 24 (擇一 One of them)			
分割台等分割數 (特殊) Indexing number (special)			5 / 9 / 10 / 20 ... 接受特殊等分訂購 By special order			
轉盤迴轉方向 Rotating direction			正反轉皆可 CW & CCW			
安裝方式 Installation			臥式	立臥兩用 Horizontal and vertically		
基準孔旋轉偏擺 Runout of center bore		mm	0.02	0.02	0.02	
盤面旋轉起伏 Runout of table top		mm	0.01	0.01	0.01	
盤面真平度 Flatness of table top		mm	0.015	0.015	0.015	
鎖緊裝置 (油壓) Clamping device (hydraulic)		kg/cm ²	35	35	35	
夾持力 Clamping torque		kg	3300	3300	7580	
適用馬達 (選配) Servo motor (optional)			HC-SFS202	HC-SFS202 HC-SFS352	HC-SFS352	
最高轉速 Max. rotation speed	轉盤 Table	rpm	27.7	33.3	22.2	
	馬達 Motor	rpm	2000	2000	2000	
總齒數比 Gear ratio			1/72	1/60	1/90	
容許切銷扭力 Permissible cutting torque	FxR		kg-m	430	430	1450
	FxL		kg-m	250	250	790
容許積載荷重 (均佈) Load Capacity	立式使用 In vertical	kg	X	350	700	
	臥式使用 In horizontal	kg	250	200	400	
淨重 Net weight		kg	200	214	374	



EXT-385N



EXT-420N

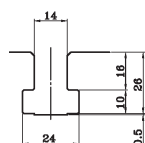
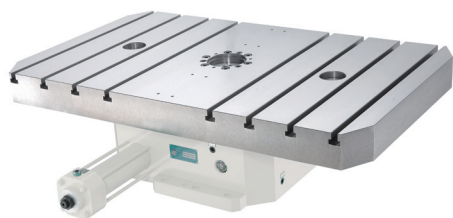
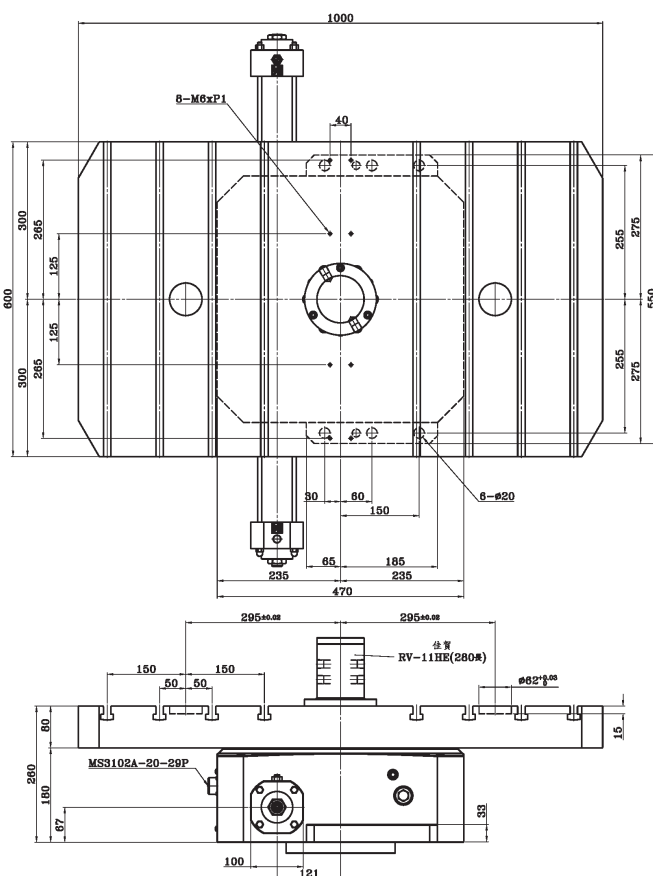
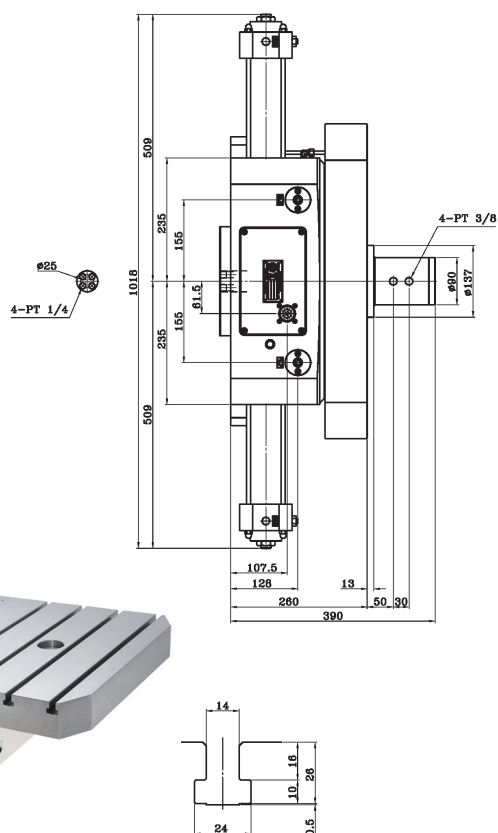


EXT-560N

油壓旋轉工作台 Hydraulic Swing Table

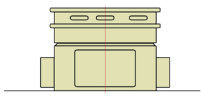
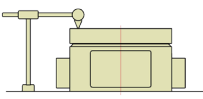
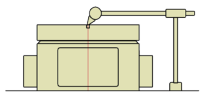
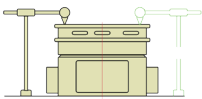
型式 Model		EXT-470P
工作臺尺寸 Table size (L x W)	mm	1000 x 600
總高度 Overall height of table	mm	260
鎖緊裝置 (油壓) Clamping device (hydraulic)	kg/cm ²	35
分割精度 Indexing accuracy	arc sec	4"
分割台等分割數 Indexing number		2
盤面旋轉起伏 Runout of table top	mm	0.02
盤面真平度 Flatness of table top	mm	0.02
上下面平行度 Parallelism of table top to frame bottom	mm	0.02
轉盤迴轉方向 Rotating direction		往復 Reciprocation
容許瞬間慣性 GD ² Permissible instant inertia GD ²	kg-m ²	125
轉盤旋轉扭力 Rotation torque	kg-m	56
容許積載荷重 Load Capacity	kg	480
夾持力 Clamping torque	kg	3970
淨重 Net weight	kg	444

EXT-470P

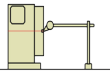
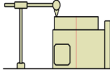
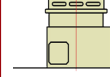
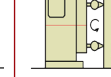
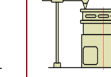
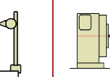
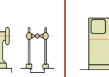


標準精度檢驗項目 Accuracy Standard

項次 No.	檢驗項目 Inspection Items
1	盤面真直度 Straightness of Table top
2	盤面旋轉起伏 Runout of Table top
3	基準中心旋轉偏擺 Runout of center bore
4	分度盤上下面平行度 Parallelism of table top to frame bottom
5	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
					分割精度 Indexing accuracy (arc sec)
EXT-200H	0.02	0.015	0.02	0.02	4"
EXT-340H	0.02	0.015	0.02	0.02	4"
EXT-470H	0.02	0.02	0.02	0.02	4"
EXT-600H	0.02	0.02	0.02	0.03	4"
EXT-800H	0.02	0.02	0.02	0.03	4"
EXT-1000H	0.02	0.03	0.02	0.03	4"

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
								
EXT-200V	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02
EXT-250V	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02
EXT-320V	0.01	0.01	0.015	0.02	0.02	0.02	0.02	0.02