

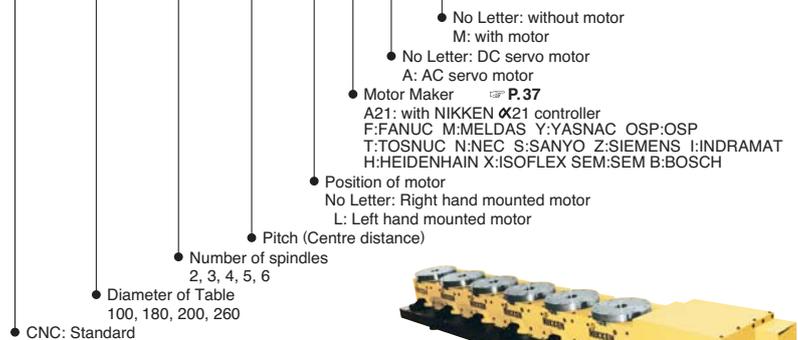
# MULTI-SPINDLE CNC ROTARY TABLE



- Multi-Spindle (2, 3 & 4 spindles) CNC rotary table series for rationalization of machining of small size work pieces ( $\phi 3 \sim 100\text{mm}$ ).
- Different pitch between spindles is also available.
- 5 or 6 spindles CNC rotary table is also available.

● Explanation of the Code No. (Example)

## CNC 100-3W-120-L F A-M



CNC100-2W



CNC170-6W

Please contact us for CNC180-2W, CNC202-2W and CNC260-2W.

( ) : High Speed type Please contact us.

## Specifications

Item / Code No.		CNC100 CNCZ100 -2W, -3W, -4W			CNC180-2W	CNC202-2W	CNC260-2W
Diameter of Table	$\phi$ mm	105			180	200	260
Diameter of Spindle Hole	$\phi$ mm	$\phi 60\text{H}7 \ \phi 30$			$\phi 60\text{H}7 \ \phi 40$	$\phi 60\text{H}7 \ \phi 40$	$\phi 80\text{H}7$
Number of spindles (Pitch)	mm	2,3,4x120			2x250	2x250	2x350
Centre Height	mm	105			175	175	220
Width of T Slot	mm	16 <sup>+0.018</sup> <sub>0</sub>			12 <sup>+0.018</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>	12 <sup>+0.018</sup> <sub>0</sub>
Clamping System		Air			Air	Air	Air / Hyd.
Clamping Torque	N·m	147			303	303	588 / 1568
Table Inertia at Motor Shaft ( $\frac{GD^2}{4}$ )	$\text{kg}\cdot\text{m}^2 \times 10^{-3}$	0.13	0.16	0.2	0.12	0.13	0.7
Servo Motor	$\text{min}^{-1}$	$\alpha$ iF2 / 5000·2000		$\alpha$ iF4 / 5000·2000	$\alpha$ iF4 / 5000·2000	$\alpha$ iF8 / 4000·2000	$\alpha$ iF8 / 4000·2000
MIN. Increment		0.001°			0.001°	0.001°	0.001°
Rotation Speed	$\text{min}^{-1}$	11.1(44.4)			22.2	22.2	16.6
Total Reduction Ratio		1/180(1/45)			1/90	1/90	1/120
Indexing Accuracy	sec	$\pm 30$		$\pm 45$	$\pm 20$	$\pm 20$	20
Net Weight	kg	70	90	120	115	120	320
MAX. Work Load on the Table	Vertical	15			100	100	175
	Horizontal	30			200	200	350
MAX. Thrust Load applicable on the Table		3920			10780	10780	25480
	*1	49			415	415	984
		98			980	980	3332
MAX. Work Inertia	Vertical	0.019 (0.07Horizontal)			0.5	0.5	1.9
Driving Torque		72			72	144	192

★ \*1 This is the strength of the worm wheel without brake. It is applied against dynamic cutting thrust.

★ L type (Motor is mounted at left hand side) is available for all rotary tables.

★ Min. pitch between spindles CNC100:120mm, CNC180:250mm, CNC202:250mm, CNC260:320mm. Please contact us when the different pitch is required.

★ 4 spindles table to suit 2 spindles M/C is available.

★ Max. number of spindles CNC100:6 spindles, CNC180:4 spindles, CNC202:4 spindles, CNC260:2 spindles.

★ Rotary joint is available for all rotary tables, please refer ⇨ P.54

★ The air-hydraulic booster is available, when CNC260-2W with hydraulic clamping system is used on the M/C without hydraulic source, please refer ⇨ P.55.

