

S Series 3030/500/6040 CNC TAPPING CENTER

MACHINE SPECIFICATIONS

	Unit	S3030	S500	S6040
Table size	mm	400 x 250 x 2 pcs	600 x 400 x 2pcs	700 x 400 x 2 pcs
Max. table load	kg	100	250	250
X, Y, Z axis travel	mm	300 x 250 x 250	500 x 400 x 350	600 x 400 x 500
Table to spindle nose	mm	180 ~ 430	180 ~ 530	180 ~ 680
Spindle taper		BT30	BT30	BT40
Pull stud		MAS403 P30T-1 (45°)	MAS403 P30T-1 (45°)	MAS403 P40T-1 (45°)
Spindle motor	Mitsubishi	kW	5.5 / 3.7	7.5 / 5.5
	FANUC	kW	3.7 / 2.2	7.5 / 5.5
	SIEMENS	kW	5.6 / 3.7	10.5 / 7.0
X drive motor	Mitsubishi	kW	1.5	3.5
	FANUC	kW	1.6	3.0
	SIEMENS	kW	2.3	3.3
Y drive motor	Mitsubishi	kW	1.5	3.5
	FANUC	kW	1.6	3.0
	SIEMENS	kW	2.3	3.3
Z drive motor	Mitsubishi	kW	1.5	3.5
	FANUC	kW	1.6	4.0
	SIEMENS	kW	3.3	4.9
Spindle speeds	rpm	10,000	10,000	8,000
X, Y, Z axis rapid traverse	m/min	48 / 48 / 48	36 / 36 / 48	36 / 36 / 48
Tools capacity	no.	14 / 20(OP)	20+1	24+1
Max. tool weight	kg	3	3	5
Max. tool length	mm	200	200	250
ATC time (T-T)	sec	M 1.9 / F 2.6	2.2	3.1
APC time	sec	3	4.5	5
Net weight	kg	3,350	5,250	6,600
Floor space	mm	2760 x 1730 x 2420	4130 x 2046 x 2370	3660 x 2582 x 2780

CONTROLLER SPECIFICATIONS

				O : Standard OP : Option		
	M80-B	01MF	K28D-PP1/260	M80-B	01MF	K28D-PP1/260
Max. number of controlled NC axis	5	5	4			
Max. simultaneous axis	4	4	4			
Standard controlled axis	3	3	3			
Program storage length	512kb	512kb	3M			
Work piece coordinates	54	54	100			
Max. variable number	700	600	300			
Tool offset pairs	400	400	128/256			
Conversational programming	NAVI	Manual guide Oi	Program Guide Shopmill(OP)			
Monitor	8.4" TFT LCD	10.4" LCD				
				High speed data server & ethernet		
				G05 P10000	Q1	Cycle832
				Interface		
				RS232C / RJ45	RJ45	
				Memory card input / output		
				O	O	O



Tool change time supplied with standard 60Hz power.

For electrical requirements other than this standard, please contact one of our personnel.

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