

Machine Specifications				
Model		TC-510	TC-710	
Controller System		MITSUBISHI M70		
Movement amount	X axis	510	710	
	Y axis	410		
	Z axis	350		
	Distance from spindle center to table surface	180 -530		
Table	Table size	650 X 420	850 X 420	
	T - slot size (width x number of slots x spacing)	14 X 3 X 100		
	Max. Table capacity	250		
Spindle	Spindle speed	Direct driven 10 - 10,000		
	Speed during tapping	6,000		
Feed rate	Rapid traverse rate (X/Y/Z)	48 / 48 / 48		
	Cutting speed rate	1 - 10,000		
ATC unit	Tool shank type	MAS, BT - 30		
	Pull stud type	MAS, P30T - 1		
	Tool capacity	14		
	Max. tool length	200		
	Max. tool diameter	Ø 125		
	Max. tool weight	3 (Total weight :28)		
	Tool change type	Turret		
	Tool change time	T - T: 1.7 / C - C: 3.0		
Electric motors	Spindle motor (30 min / continuous)	5.5 / 3.7		
	Feed motor	1.5 (X . Y) 3.0 (Z)		
Power source	Power supply	Voltage	AC220V / 60HZ	
		Power Capacity (Max.)	15	
	Air supply	Working air pressure	0.5 - 0.7	
		Required flow	380	
Machining dimensions	Machine height	2400		
	Required floor space (width X depth)	1686 X 2500	2176 X 2500	
	Machine weight	2550	2750	
Accuracy	Positioning accuracy	0 . 005 / 300		
	Repeatability	± 0.003		