

TC Series

TC-1200

Features

Multi processing modes:

- 1.Maximum processing range length up to 1200mm x 410mm
- 2.Best use in diversified production or mass production
- 3.Work table can be divided into two working areas to lower table exchange time 3 axis rapid traverse 48m/min with acceleration up to 0.64G/0.38G/0.83G End product applications can be watches, bathroom goods, 3C electronic products and automotive parts

Specifications:

Item/Model	Unit	TC-1200
Travel		
X-axis Travel	mm(inch)	410/1200(16.1*47.2)
Y-axis Travel	mm(inch)	420(16.5)
Z-axis Travel	mm(inch)	350(13.8)
Distance from Spindle Nose to Table surface	mm(inch)	180-530(7.1-20.9)
Spindle		
Spindle Speed	rpm	Direct Driven 12000
Spindle Nose	BT	BT-30
Spindle Motor(Continual/30min)	kw(hp)	3.7/5.5 (5/7.3)
Table		
Table size	mm(inch)	410*1350(16.1*53.1)
T Slot	mm(inch)	14*3*100(0.55*3*3.9)
Table Load	kgs(lbs)	300/600(660/1320)
Rapid Travel		
Rapid Travel(X/Y/Z)	m/min(ipm)	48/48/48(1889/1889/1889)
Cutting Speed	mm/mim(ipm)	1-10000(40-393)
Feed Motor(X/Y/Z)	Kw	1.5/1.5/2.2(M)
		1.2/1.2/1.8(F)
		2.29/2.29/3.04(S)
Tool Magazine		
Tool change type		Turret type

Tool capacity	set	16
Max. Tool Weight	kgs(lbs)	3(6.6)
Max. Tool Length	mm(inch)	200(7.8)
Max.Tool Diameter	mm(inch)	90(3.5)
Tool Change time(T-T)	sec	1.7(Std.)/1.08(opt.)
Tool Change time(C-C)	sec	3
Others		
Machine Dimensions(L*W*H)	mm(inch)	2890*2671*2430(113.8*105.2*95.7)
Net weight	kgs(lbs)	5680(12510)
Gross Weight	kgs(lbs)	6230(13706)
Compress Air Supply	kgs/cm ² (psi)	6(100)