

# TP Series Specifications

		550	750
<b>Table</b>			
<b>Table Size</b>	mm	600 x 500	800 x 500
<b>T-Slot</b>	mm	14 x 4 x 100	14 x 4 x 100
<b>Max. Table Loading Capacity</b>	kgs	200	250
<b>Travel</b>			
<b>X Axis Travel</b>	mm	510	700
<b>Y Axis Travel</b>	mm	500	500
<b>Z Axis Travel</b>	mm	500	500
<b>Spindle Nose to Table Surface</b>	mm	150~650	150~650
<b>Spindle Center to Z-Axis Cover Surface</b>	mm	530	530
<b>Spindle</b>			
<b>Spindle Taper</b>		ISO-30 (ISO-40)	ISO-30 (ISO-40)
<b>Spindle Speed</b>	rpm	12000 (15000, 20000, 24000) (ISO-40:10000, 12000, 15000)	
<b>Transmission Method</b>		Direct (Built-in)	Direct (Built-in)
<b>Spindle Motor</b>	kW	3,7/5,5(5,5/7,5) (ISO-40:5,5/7,5, 7,5/11)	
<b>ATC</b>			
<b>Magazine Capacity</b>	tools	Turret Type ISO-30:21 (Arm Type ISO-40:24,30)	
<b>Tool Selection Method</b>		Random	Random
<b>Max. Diameter / W/O Adjacent</b>	mm	Turret Type ISO-30 21T:Ø60/Ø80 (Arm Type ISO-40 24T/30T:Ø75/Ø150)	
<b>Max. Tool Length</b>	mm	Turret Type ISO-30:200 (Arm Type ISO-40:250)	
<b>Max. Tool Weight</b>	kgs	Turret Type ISO-30:3 (Arm Type ISO-40:7)	
<b>Tool Change Time</b>	sec (T-T/C-C)	Turret Type ISO-30:1.4/2.3 (Arm Type ISO-40:2.3/4.5; Arm Type Simultaneous ISO-30:1/1.8, ISO-40:1.5/3)	
<b>3 Axis Traverse</b>			
<b>3 Axis Cutting Feedrate</b>	m/min	12	12
<b>3 Axis Rapid Traverse</b>	m/min	48 (60)	48 (60)
<b>Accuracy</b>			
<b>Positioning</b>	mm	0,008	0,008
<b>Repeatability</b>	mm	±0,004	±0,004
<b>Coolant</b>			
<b>Coolant tank Capacity</b>	ℓ	120	160
<b>Coolant Flow</b>	ℓ/min	50	50
<b>General</b>			
<b>Air Pressure Requirement</b>	Kg/cm <sup>2</sup>	5~7	5~7
<b>Power Requirement</b>	kva	15	15
<b>Machine Size</b>	mm	2760 x 1400 x 2762	2760 x 1700 x 2762
<b>Machine Weight</b>	kgs	4000	4500

■ Description in ( ) are optional accessories.

■ We reserve the right to modify the design and specification without notice in advance.  
Above specifications are for reference only. Correct specifications are based on actual machine.