

TP Series Specifications

	550	750
Table		
Table Size	mm 600 x 500	800 x 500
T-Slot	mm 14 x5 x 100	14 x5 x 100
Max. Table Loading Capacity	kgs 200	250
Travel		
X Axis Travel	mm 510	700
Y Axis Travel	mm 500	500
Z Axis Travel	mm 500 (Turret Type : 400)	500 (Turret Type : 400)
Spindle Nose To Table Surface	mm 110~610 (Turret Type:100~500)	110~610 (Turret Type:100~500)
Spindle Center To Z-Axis Cover Surface	mm 530	530
Spindle		
Spindle Taper	ISO-30 (ISO-40)	ISO-30 (ISO-40)
Spindle Speed	rpm 12000 (15000, 20000,24000) (ISO-40:10000, 12000,15000)	
Transmission Method	Direct (Built-in)	Direct (Built-in)
Spindle Motor	kW 3.7/5.5 (5.5/7.5)(ISO-40:5.5/7.5, 7.5/11)	
ATC		
Magazine Capacity	tools Turret Type ISO-30:21 (Arm Type ISO-40:24,30)	
Tool Selection Method	Random	Random
Max. Diameter / W/O Adjacent	mm Turret Type ISO-30 21T:Ø60/Ø80 (Arm Type ISO-40 24T/30T:Ø75/Ø150)	
Max. Tool Length	mm Turret Type ISO-30:200(Arm Type ISO-40:250)	
Max. Tool Weight	kg Turret Type ISO-30:3(Arm Type ISO-40:7)	
Tool Change Time	sec Turret Type ISO-30:1.4/2.3(Arm Type ISO-40:2.3/4.5; (T-T/C-C) Arm Type Simultaneous ISO-30:1/1.8,ISO-40:1.5/3)	
3 Axis Traverse		
3 Axis Cutting Feedrate	m/min 12	12
3 Axis Rapid Traverse	m/min 48 (60)	48 (60)
Accuracy		
Positioning	mm 0.008	0.008
Repeatability	mm ±0.004	±0.004
Coolant		
Coolant tank Capacity	ℓ 120	160
Coolant Flow	ℓ /min 50	50
General		
Air Pressure Requirement	kg/cm ² 5~7	5~7
Power Requirement	KVA 15	15
Machine Size	mm 2500 x 1250 x 2762	2500 x 1700 x 2762
Machine Weight	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.



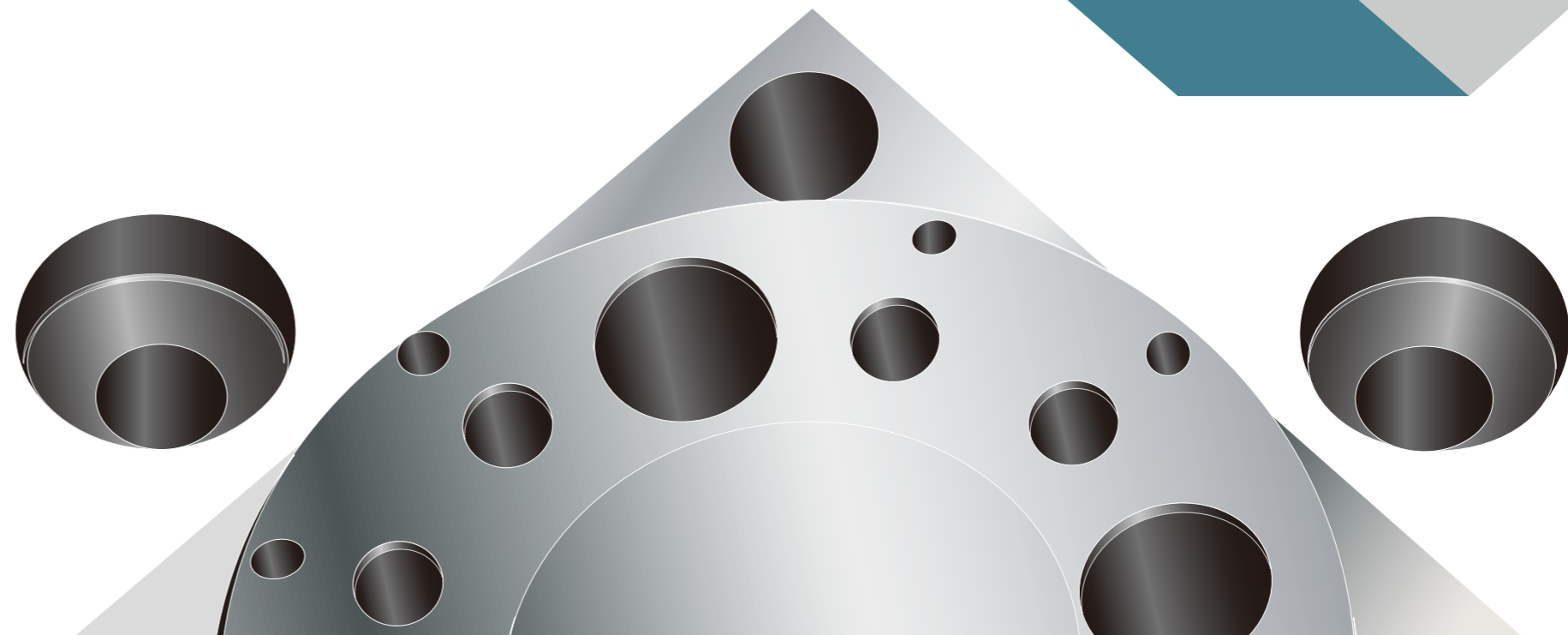
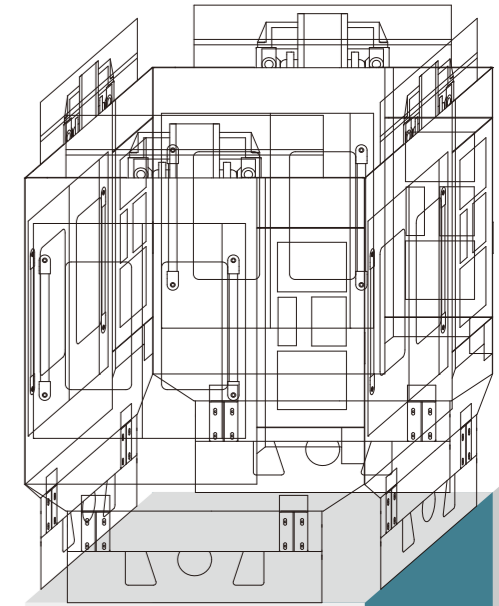
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Chip Removal

Superb Stability & Powerful



Mass Production High Performance

- Less Floor Space Occupancy
- Huge Y-Axis Travel
- Ingenuity Single-Layered Cover On X-Axis
- X-Axis Adapted With Continuity Designed Cover





Fast Simultaneous Tool Change System

ISO-30, ISO-40, HSK40E



Variety Spindle Taper Available



Heavy Loading Roller Type Linear Guideways

Optimum Low Gravity Structure



Reservoir Type Lubrication System & Bronze Tube Oil Circuit



Powerful Chip Flushing

The tilting and wide drainage way at the base allow the effective chip flushed to the rear chip tray or chip conveyor (available as optional)

Standard Accessories

- ISO-30 12000 rpm Direct Type Spindle
- Turret Type ISO-30 21 Tools
- Rigid Tapping
- Auto Power Off
- Working Light & Alarm Light
- Auto Lubrication System
- Coolant & Chip Flushing System
- Leveling Screws & Blocks
- Operation Manual
- Heat Exchanger

Optional Accessories

- Spindle Taper ISO-40/HSK40E
- Spindle Speed
ISO-30:15000 / 20000 / 24000 rpm
ISO-40:10000 / 12000 / 15000 rpm
- Arm Type Tool Changer
ISO-30(Regular):24 Tools
ISO-40(Regular):24/30 Tools
ISO-30(Simultaneous):20 Tools
ISO-40(Simultaneous):24 Tools
- 4th Axis Rotary Table
- Chain Type Chip Conveyor
- Transformer
- CTS System
- Spindle Coolant Ring

Machine Dimension

	A	B	C	D	E
TP-550	720	1525	2325	2500	2262~2762
TP-750	860	1700	2500	2500	2262~2762

