

EXPERIENCE UNMATCHED SPEED AND EFFICIENCY IN MACHINING



**Performance
Drill Tap Center**

Key Features

- ▶ High-Speed & Precision
- ▶ Exceptional Rigidity and Stability
- ▶ High Speed Tool Change System
- ▶ High Accuracy and Repeatability
- ▶ Cost-Effective Maintenance
- ▶ Energy Efficiency

Industries

-  Semiconductor
-  Electronics
-  Aerospace
-  Automotive
-  Medical & More

Technical Specification

Description			Unit	PDT 500	PDT 700
Table	Table Size		mm	600 X 420	800 X 420
	Max. Load Capacity		kg	250	250
	T-Slots		mm	3 X 14 - 125	3 X 14 - 125
	Dist. Table Surface to Spindle		mm	150 - 480	150 - 480
Spindle	Spindle Taper		type	BBT30	BBT30
	Spindle Speed		rpm	20,000	20,000
	Spindle Driving Method		type	Direct	Direct
	Main Spindle Power Output		kw	3.7 / 9	3.7 / 9
	Max. Spindle Torque		nm	30	30
Feed	Travel (X/Y/Z)		mm	500 / 400 / 330	700 / 400 / 330
	Rapid Rate (X/Y/Z)		m/min	48 / 48 / 48	48 / 48 / 48
	Feed Rate (X/Y/Z)		m/min	20	20
	Guideways		type	Ball	Ball
ATC	Number of Tools		nos.	21	21
	Max. Tool Dia. (W.T / W.O)		mm	Ø60 / Ø140	Ø60 / Ø140
	Max. Tool Length		mm	250	250
	Max. Tool Weight		kg	3	3
	Tool Change Time	T-T	sec	1.5	1.5
		C-C	sec	2.5	2.5
Accuracy	Positioning		mm	0.008	0.008
	Repeatability		mm	0.004	0.004
Power Supply	Air Consumption		bar	5-7	5-7
	Electric Power Supply		kva	15	15
	Voltage		v/hz	380v±10% 50hz	380v±10% 50hz
Machine	Machine Dimensions		mm	1750 X 2230 X 2230	1850 X 2230 X 2230
	Machine Weight		kg	3000	3000

*Technical specifications and optional items may be subject to change without prior notice.

Standard Accessories

- Spindle Speed 20,000 RPM Direct Drive
 - Spindle Oil Chiller
 - Automatic Tool Changer (Turret Type): 21 tools
 - Spindle nose taper: BBT 30
 - Manual Pulse Generator
 - Rigid Tapping
 - CF / USB interface
 - Auto Power OFF
 - Door Interlock
 - LED Machine Light
 - Automatic Lubrication System
 - Spindle Air Blast
 - Air Gun
- Coolant Gun
 - Panel AC
 - Coolant Tank with Chip Tray & Pumps
 - Spindle Coolant Nozzles, Ring Spray
 - Pre-Tensioned Ballscrews
 - Pneumatic system
 - Fully Enclosed Splash Guard
 - Transformer
 - levelling Bolts & Blocks
 - Tools and Tools Box
 - Manuals
 - Standard Machine Color



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