



TV-SERIES

CNC TAPPING CENTER

Pursuing Quality, Creating Value



Technical Highlights:

- Robust Structure Design
- High Efficiency Chip-removal Mechanism
- Full Enclosure Cover Design
- High Speed , High Efficiency Control System

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Machine specification

Model		TV-500	TV-700
Travel			
X travel	mm	500	700
Y travel	mm	400	400
Z travel	mm	330	330
Spindle nose to table	mm	150-480	150-480
Spindle			
Spindle speed	rpm	12000	12000
Automatic tool changer			
Tool number	只	16	16
Max. tool diameter (with adjacent tool)	mm	80	80
Max. tool length	mm	200	200
Max. tool weight	kg	3	3
ATC type		DRUM	DRUM
Tool shank		BT-30	BT-30
Motor			
Spindle motor(cont./30min.)	kw	3.7 / 5.5	3.7 / 5.5
X/Y/Z servo motor	kw	1.5 / 1.5 / 3.0	1.5 / 1.5 / 3.0
Table			
Table size	mm	650x400	850x400
Max. load capacity	kg	250	250
T-slot (No. x Width x Distance)	mm	3x14x125	3x14x125
Rapid speed			
X rapid speed	M/min	60	60
Y rapid speed	M/min	60	60
Z rapid speed	M/min	60	60
Cutting feedrate	mm/min	1-20000	1-20000
Controller			
Mitsubishi		M70-V	M70-V
Miscellaneous			
Machine weight	kg	2500	3000
Power requirement	KVA	15	15
Coolant capacity	L	200	200
Air source	kg/cm ²	6	6

Standard Accessories

- Spindle Speed 12000RPM
- Spindle Programmable Air Blow
- Rigid Tapping
- Mitsubishi M70-V Controller
- Programmable Coolant Nozzle
- Cutting Coolant System
- Portable Air Gun / Portable Water Gun
- Automatic Lubrication System
- Full Enclosure Cover
- Telescopic Cover
- ATC / 16 Tools Magazine
- Tool Shank BT-30
- Work Light
- Alarm Light
- Cabinet Heat Exchanger
- M30 Automatic Power Off
- Base Bolt & Pad
- Tool Box

Optional Accessories

- Spindle Speed 24000RPM
- Spindle Oil Cooling System
- Coolant Through Spindle System
- Fanuc 0iMD Controller
- Spindle Splash Ring
- Machine-Top Protection Cover
- Top Cover Washing System
- Tooling Cleaning Device
- Fixture Cleaning Device
- Infrared Tool Broken Detection Device
- Tool Length Measurement System
- Tool Probe System
- Disc Oil-Coolant Separator
- ATC / 21 Tools
- Linear Scale On 3 Axes
- Transformer
- DDR 4th Axis (Built-in Type)
- 4th Axis Rotary Table
- CE Compliance
- Automatic Extinguisher
- Automatic Door

■ This catalogue is only for reference. The machine may differ to this specification.

■ The company reserves the rights to modify or to stop adopting the specification of this catalogue.



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