

Machine Name : Tapping machine

Brand : Deyung

Machine Model : TV-500S

Stock No. : 812271

Ex-factory Date : 2026



Main Technical Parameters:

Three-Axis Travel:500 × 400 × 370 mm
Worktable Size:650 × 400 mm
Maximum Load:250 kg
T-slot:14 × 3 × 125 mm
Spindle Speed:20,000 rpm
Spindle Type:Direct-drive
Spindle Motor:3.7 / 5.5 kW
Distance from Spindle Nose to Table:170-520 mm
Spindle Taper:BT30
Rapid Traverse Rate:48 / 48 / 48 m/min
Cutting Feed Rate:10,000 mm/min
Tool Magazine Capacity:21 tools (optional)
Maximum Tool Length:200 mm
Maximum Tool Weight:3 kg
Positioning Accuracy:±0.010 mm
Repeatability:±0.005 mm
CNC System:FANUC Oi-MF / Mitsubishi M80
Air Pressure:6 kg/cm²
Power Requirement:20 kVA
Machine Weight:2.8 tons
Standard Configuration
General
Rigid tapping
Coolant cleaning gun
Hand-held air blow gun
Full enclosure guard
Spindle air purge system (dust-proof)
Anchor bolts and leveling pads
Electrical cabinet heat exchanger
Work light
Tool box
Transformer

Signal tower light
Automatic lubrication system
Chip tray and coolant tank
Operation, electrical and mechanical manuals
By Series
2-arm tool magazine (TV series)
24-disc tool magazine (DV series)
M30 automatic power-off system (DV series)
Optional Configuration
Screw-type chip conveyor
Scraper-type chip conveyor
Spindle center coolant system (CTS)
Spindle ring coolant spray system
1000 rpm belt-driven spindle
1500 rpm electric spindle
2000 rpm electric spindle
30-tool disc magazine
Spindle oil chiller
CNC rotary table (4th axis)
Automatic door
Oil mist collector
Centrifugal coolant separator
Automatic tool length measurement system

