

MECMILL

DTC

Drilling and Tapping Machine Series



- Mature model design, widen saddle
- The spindle head is strengthened with ribs, and the contact length ratio between the spindle head and the column is appropriate to provide stable support for the spindle
- 21T flip tool magazine, fast and accurate tool change speed
- Three-axis two-piece shield design, which can appropriately reduce the impact force and noise of sand and board during rapid displacement
- Adopting rear chip removal design, the overall footprint is small, and the appearance size can meet the international size of elevators, which can be shipped to high floors
- Our machine tools are constantly being developed and improved, and the specifications may be changed without prior notice.
- This information picture is for reference only, subject to the actual product sample

High rigidity structure

High stable base design





Technological Highlights

The super-large column is stable and can be displaced at a high speed of 48m/min without deformation.

Super-large span base, with solid six-point support structure, high-speed displacement, no vibration and no deformation.

The three-axis high-speed displacement is 48 m/min, which is fast and saves processing time.

Low inertia spindle design, high stability, fast and accurate tool change in the clamp arm tool magazine, and the tool change time is 12 seconds. Except for parts processing, it is very suitable for drilling holes with smaller diameter, an appropriately reduce the impact force and noise of sand board during rapid displacement

With high-function AC spindle servo motor and humanized dialogue interface, it is easy to operate

Adopt high-speed machine vertical processing body, with high rigidity, high rapid displacement (three-axis 48m/min), and rear chip removal design

Technical Parameters

Product Description	Unit	DT-600	DT-800	DT-1000
X/Y/Z stroke	mm	600*400*300	800*500*470	1000*500*470
Maximum workbench load (evenly distributed)	kg	400	600	600
Work Table Size	mm	700*420	1000*500	1100*500
Spindle Type		Direct coupling	Direct coupling	Direct coupling
Spindle speed	rpm	BT40-12000	BT40-12000	BT40-12000
Spindle motor	kw	7.5	7.5	7.5
X/Y/Z Fast Feed	m/min	48/48/48	48/48/48	40/40/40
Positioning accuracy	mm	0.003/300	0.003/300	0.003/300
Repeated positioning accuracy	mm	±0.003	±0.003	±0.003
T-shaped slot (with number of slots spacing)	mm	18*3*125	18*5*102	18*5*102
Number of automatic tool changes	pcs	16/21	16/21	16/21
Maximum Tool Weight	kgs	3	3	3
Spindle nose-table distance	mm	150-450	120-590	120-590
Machine dimensions	mm	2000 2400 2500	2700*2300*2500	2700 2300 2500
Complete machine weight (approx.)	T	3.5	5	5.2
System		New Generation/Mitsubishi/Fanuc		