01 / CNC MACHINE SERIES

T-Series High-Speed Drilling & Tapping Centers

Models: T-6 · T-650 · T-7 · T-850

A drilling and tapping center is built around one job: put holes and threads into a part as fast as possible. It trades milling envelope for spindle speed and tool-change time, and that trade is what makes it pay off on plate work and small housings.

AT A GLANCE

- 48 m/min rapid traverse on all three axes
- 20,000 rpm direct-drive spindle, BT30, 21-tool servo magazine
- Wide-span base with point support — no vibration at speed
- Built for phone frames, heat sinks and small housings

SPECIFICATIONS

Item	T-6	T-650	T-7	T-850
Worktable travel (X)	640 mm	640 mm	700 mm	800 mm
Saddle travel (Y)	420 mm	500 mm	400 mm	500 mm
Spindle box travel (Z)	350 mm	350 mm	350 mm	350 mm
Spindle nose to table	130–480 mm	150–500 mm	145–495 mm	110–510 mm
Spindle center to column	475 mm	550 mm	445 mm	550 mm
Worktable size	700 x 420 mm	700 x 470 mm	800 x 420 mm	800 x 470 mm
Table load	300 kg	300 kg	300 kg	400 kg
T-slot (slots – width x pitch)	3 – 14 x 105	5 – 14 x 65	3 – 14 x 125	5 – 14 x 80
Motor power	5.5 / 7.5 kW	5.5 / 7.5 kW	5.7 / 7.5 kW	5.5 / 7.5 kW
Motor torque	7 N·m	7 N·m	7 N·m	7 N·m
Spindle speed	20,000 rpm	20,000 rpm	20,000 rpm	20,000 rpm
Spindle diameter / taper	Ø100 / BT30	Ø100 / BT30	Ø100 / BT30	Ø100 / BT30
Cutting feed range	5–20,000 mm/min	1–15,000 mm/min	5–20,000 mm/min	1–15,000 mm/min
Rapid traverse (X/Y/Z)	48 m/min	48 m/min	48 m/min	48 m/min
Tool capacity	21, servo magazine	21, servo magazine	21, servo magazine	21, servo magazine
Dimensions (L x W x H)	1860 x 2300 x 2300	1980 x 2320 x 2400	1980 x 2320 x 2400	2200 x 2300 x 2450

WHERE IT WINS

- Phone middle plates, camera rings and heat sinks
- Aluminium and zinc housings with dozens of holes per part
- Batch sizes from a few hundred to tens of thousands
- Cells that need a compact footprint and simple automation

STANDARD FEATURES

- Oversized column, non-deformable at 48 m/min traverse speed
- Wide-span base on a point-support structure — high-speed displacement with no vibration and no deformation
- Three-axis rapid traverse up to 48 m/min, cutting non-cutting time
- Low-inertia spindle with direct drive, high stability; the arm-type servo magazine changes tools quickly and accurately, which also suits small-diameter drilling

Shipping FOB Shenzhen (Yantian / Shekou) · 60% deposit, balance before shipment · approx. 45 days from order · 12-month warranty · test cut and inspection at our plant before dispatch. Specifications are drawn from the published series data and may be adjusted to your part; confirm on the quotation.