



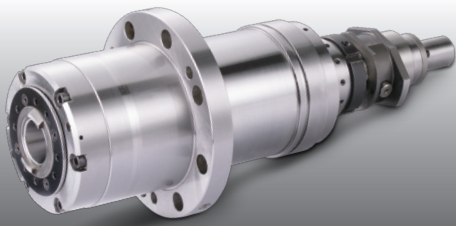
YCM®

High Efficiency Dual Spindle Machining Center

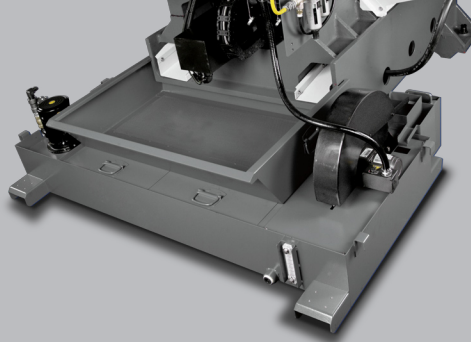
DV30T

The dual spindle, dual Z axis of the DV30T can work simultaneously and also can be controlled independently with individual tool measurement and compensation. Compared to machining centers with the same area, the DV30T enhances productivity up to 60%, substantially reduces the investment cost, while optimizing productivity to a whole new level. The massiveness and rapidness machining capability of the DV30T provides the electronic industries with great competitiveness.

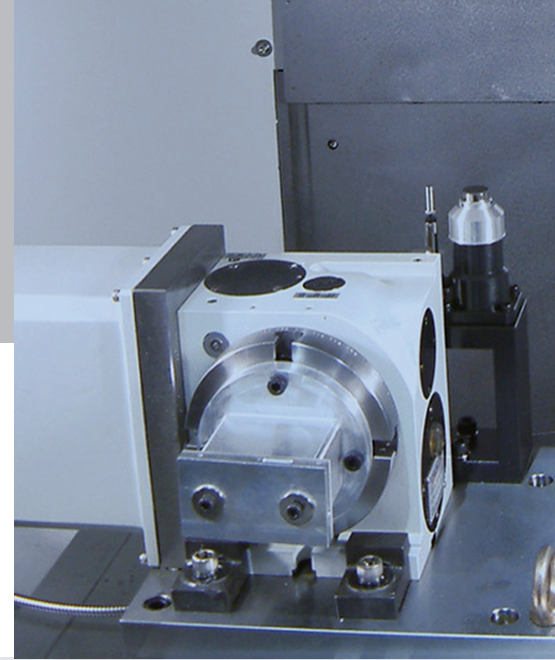




IDD Spindle (BT30)



Wide and slant Chip Tank Design Can Increase the Chip Removal Capacity.



Optional Rotary Table for Multi-face Milling, Drilling, and Tapping Works.

■ IDD Direct Drive Dual Spindle Design

- High precision ceramic ball bearing with low centrifugal force, low vibration and very little heat growth, to assure the optimal cutting performance under high speed machining.
- Reliable helical disc spring design prolongs the spindle life.
- Simultaneous tool change with IDD spindle, T-T: less than 1 sec.

■ Highly Increase Production Capacity, Tremendously reduces cost

- High precision, high production with minimum floor space realizes tremendous cost-down.
- With more than 60% production capacity compared to tapping machine with the same size.
- Optional rotary table for Multi-face Milling, Drilling, and Tapping Works

■ Efficient Chips Removal Design

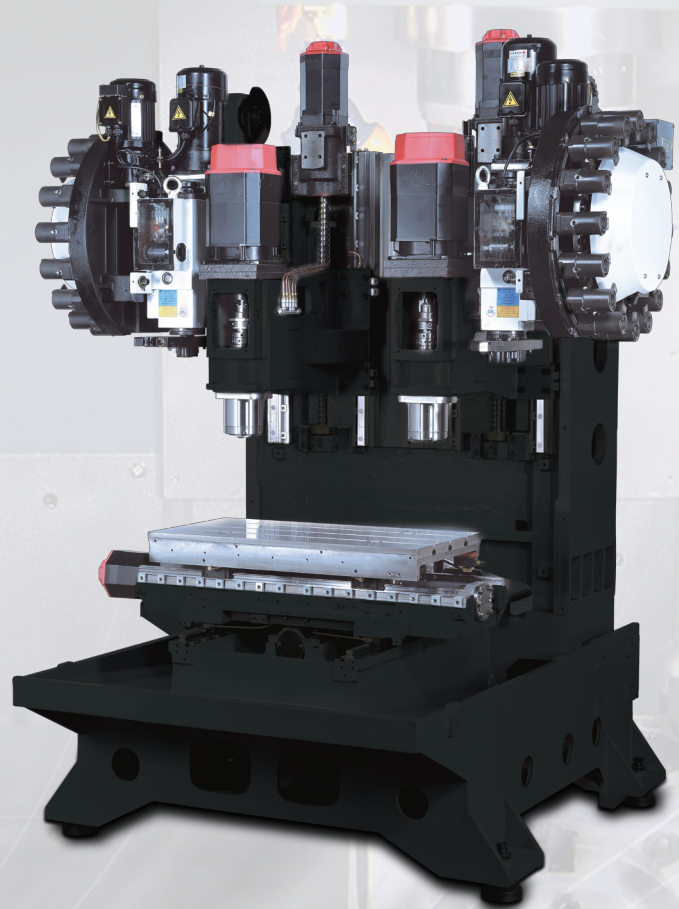
- Slanted bed structure design speeds the chip and coolant removal, preventing chips from accumulating inside of machine.
- Wide Chip tank design can increase the chip removal capacity.

60% production capacity enhance

59% floor space cost-down

48m/min. rapid feedrate X/Y/Z

1g acceleration



Spindle Power / Torque	3.7 kW / 12 Nm 5 HP
Spindle Speed (opt.)	20,000 rpm (24,000 rpm)
X/Y/Z Axis Travel	300 mm / 350 mm / 320 mm 11.81" / 13.78" / 12.6"
Table Size	780 mm x 400 mm 30.71" x 15.8"
Max. Load on Table	250 kg 551.2 lb
No. T-slots x Size x Pitch	3 x 14 mm x 100 mm 3 x 0.55" x 3.94"
Rapid Feedrate X/Y/Z	48 / 48 / 48 m/min. 1,890 / 1,890 / 1,890 ipm
Cutting Feedrate	1~20,000 mm/min. 0.04~787 ipm

Spindle Taper	BT30
Max. Tool Weight	3 kg 6.6 lb
Max. Tool Dimensions (W/O Adjacent Tools)	ø40mm x 120 mm ø1.57" x 4.72" (ø40 mm x 120 mm) (ø1.57" x 4.72")
Tool Magazine Capacity (opt.)	16T (20T)
Tool change time (T-T)	1.0 sec. (60Hz)
Tool Changer Method	Arm Type
Power Consumption	22 kVA
Pneumatic Pressure	5.5 kg/cm ² 78.2psi
Machine Weight	3,700 kg 8,157 lb

Note: The manufacturer reserves the right to modify the design, specifications, mechanisms, etc. to improve the performance of the machine without notice. All the specifications shown above are just for reference.