



Z540

Smart CNC Solutions

# HIGH SPEED TAPPING CENTER



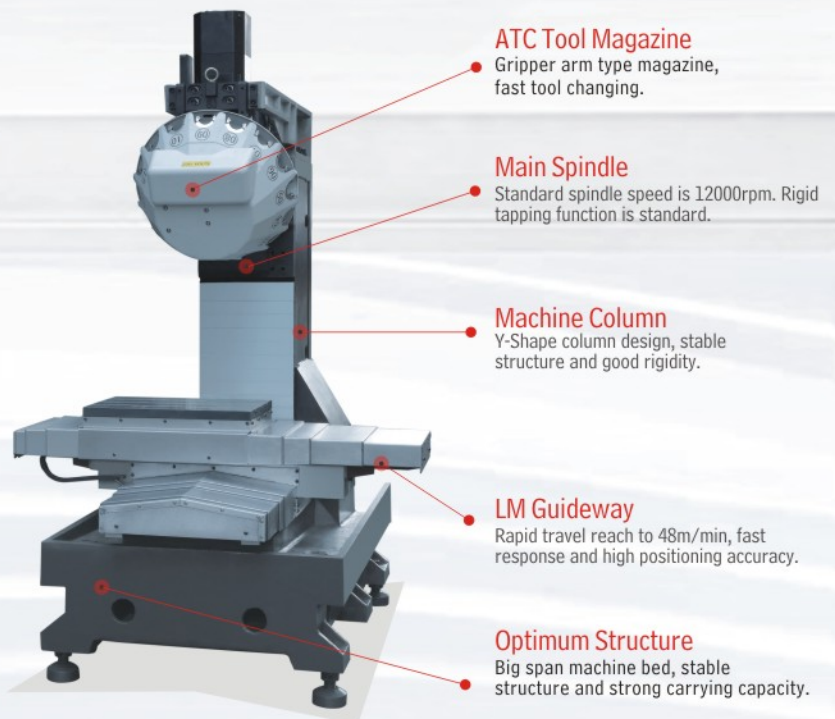
# HIGH SPEED TAPPING CENTER

## Machine Characteristics

- Advanced casting design uses precision annealing with traditional aging methods used on each casting. Provides optimal damping of vibration and ensures long-term stability and quality results.
- Both base and column have wide spacing between ways, resulting in a design that is solid as a rock and stable as a mountain.
- Direct drive spindle provides high efficiency, and low noise – assuring speed and torque during high-speed tapping operations.
- Gripper arm type tool magazine – for rapid tool changes and solid machining performance.
- Solid ball screw, bearing structure and high precision linear guideways supports rapid traverse and high speed machining. Also, assures proper orientation of machine during operation.
- Rear chip conveyor is compact and makes for easy chip removal. Chip flow is direct and easy.

## Specifications

	Unit	Z540
Table size	mm	600X400
Max. load of table	kg	250
T slot(width x nos.x distance)	mm	14X3X100
X axis travel	mm	500
Y axis travel	mm	400
Z axis travel	mm	300
Spindle nose to table	mm	155-455
Spindle center to column	mm	465
X/Y/Z axis rapid traverse	m/min	48
Spindle type		BT30
Spindle driving method		Direct drive
Spindle speed	rpm	12000
Spindle motor power	kW	3.7/5.5
ATC type		Gripper Arm
ATC capacity		16, *21
Max.weight of tools	kg	3
Tool change time	s	2
Dimension	mm	1900X2100X2500
Weight(about)	kg	2600



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