

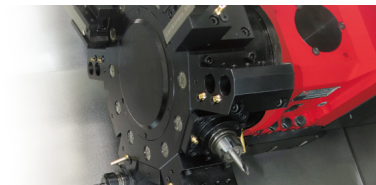
T8

Twin spindle / Plus / Classical



This new series offers the best conditions for challenging turning or milling operation and is designed primarily for heavy duty turning/milling operation with great mass production efficiency.

The T8 series offers three combinations for varieties of mass production given better access to the turret and 8" or 10 " chuck and also efficient chip removal.



Twin spindle

This series packed with sub spindle and BMT turret with 12 stations which can be additionally equipped with driven tools on six stations. In connection with the driven tools, the main spindle is C-axis functional for accurate positioning.



Plus

The feature of the T8 classical with the addition of a total independent 2 axis tailstock system for

running 2 programs simultaneously.

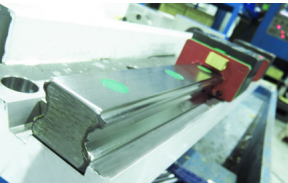
In some cases, cycle time can be reduced upto 50%



Classical

The standard slant-bed machine packed with servo turret with 12 stations and programming tailstock.

It offers the great cost-performance for efficient turning operations for chuck parts.



LINEAR GUIDEWAYS

The guide ways are rectangular box section to maintain rigidity in prolonged operation. This high rigidity structure ensures high machine dynamics and superior machining accuracy.

Furthermore, all the axes equipped with 32mm diameter C5 class high precision ball screw, mounted with double ballscrew support bearing (P4 class), assures high positioning accuracy and backlash free transmission.

Specification

Mitsubishi Controller M70	
Machine Type T8	
T8 Type T8T	
Spindle Capacity (OPTION)	
Swing over Bed	500.0mm
Swing over cross slide	300.0mm
Max. cutting diameter	300.0mm
Hydraulic pressure-mix/m	5/80 kgf/cm
Collet chuck size	KK6-185E60B
Spindle nose	ISO(DIN)A2-6

CNC Turret lathe | T8

Written by Administrator

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Sub-Spindle Capacity	Sub-spindle bar capacity	----	----
Collet chuck size	----	----	6" 3 jaw chuck or KK5-17
Spindle nose	----	----	ISO(DIN)A2-5
Spindle bore	----	----	30.0MM
Travel	X axis Travel	230/460 mm	230/460 mm
Z axis Travel	400mm		
Z1 axis Travel	----	----	385.0mm
Axes	X axis ball screw	Φ32 x P10	
X axis linear guide way	35.0mm		
Z axis ball screw	Φ32 x P10		
Z axis linear guide way	35.0mm		
X & Z rapid feed	20m/min		
A.T.C system	Turret/ Tools number	Servo Turret/ 12 tools	\$1:12 stations with live tool
Tool shank Size	20mm		
Drilling holder Size	ER-25/16mm		
Motor	Main Spindle	Mitsubishi AC Servo 11kw	
Sub-spindle	----	----	Mitsubishi AC Servo 3.7kw
X axis Servo Motor	Mitsubishi AC Servo 1.5kw(B)		
Z axis Servo Motor	Mitsubishi AC Servo 1.5kw		
Coolant pump motor	4T3-3		
Hydraulic pump motor	2 hp		
Chip Conveyor Motor	1/4 hp		
Accuracy	Position / Repeatability	0.005mm/0.005mm	
Tailstock	Tailstock quill dia	70.0mm	----
Tailstock travel	400.0mm	----	----
Quill taper/ travel	MT4/50.0mm	----	----
Coolant System	Max. coolant pressure	5 kgs	
Max. coolant flow	65 L/min	65 L/min	67 L/min
Lubrication System	Tank Capacity	2 Liters	
Pump pressure/ flow rate	15 kgf/cm ²		/ 100cc/ min

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Machine Size	Length	"2350 mm/3250 mm"	
Width / Height	1650 mm/1750 mm		
Weight	3750 kg	3800 kg	3950 kg

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