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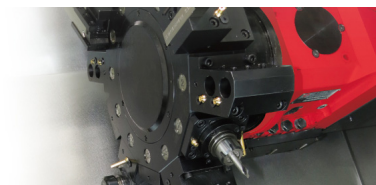
### **T8**

Twin spindle / Plus / Classical



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### **Twin spindle**

## CNC Turret lathe | T8

Written by Administrator  
Thursday, 17 April 2014 10:14

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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.

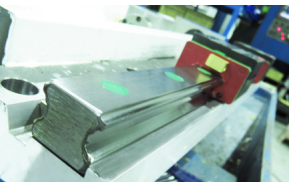
In some cases, cycle time can be reduced upto 50%



### 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 Twin spindle

Spindle Capacity (OPTION)

Swing over Bed 500.0mm

Swing over cross slide 300.0mm

Max. cutting diameter 300.0mm

Hydraulic pressure-mix/min 5/30 kgf/cm<sup>2</sup>

Collet chuck size KK6-185E60B

Spindle nose ISO(DIN)A2-6

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  $\Phi 32 \times P10$

X axis linear guide way 35.0mm

Z axis ball screw  $\Phi 32 \times P10$

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

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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 <sup>2</sup>		/ 100cc/ min
Machine Size	Length	"2350 mm/3250 mm"	
Width / Height	1650 mm/1750 mm		
Weight	3750 kg	3800 kg	3950 kg

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