



## T8/6-T M C

This compact machine will easily accomplish the demanding turning applications for mass production.

### Feature:

- 6" chuck ( Option : 8" chuck)
- 3000rpm (4000rpm) / 4000rpm (6000rpm)
- Servo Spindle 11kw / 7.5kw (11kw)
- BMT-55 Power Turret; High Speed Servo Turret (BMT-55 Turret)
- Hydraulic tailstock or sub spindle for long work piece
- Sub spindle for back machining

## Specification

Machine Type		T8-T / T6-T	T8-M / T6-M	T8-C / T6-C
Mitsubishi Controller		M80	M80	M80
Main Spindle Capacity	Swing over Bed	400mm	400mm	400mm
	Swing over cross slide	230mm	230mm	230mm
	Max. Turning Dia.	200mm	200mm	200mm
	Max. Bar Working Dia.	65mm / 42mm	65mm / 42mm	65mm / 42mm
	Max. Turning Length	100mm	100mm	300mm
	Chuck Size	KK6-185E60B / KK5-173E42B	KK6-185E60B / KK5-173E42B	KK6-185E60B / KK5-173E42B
	Main Spindle Nose	A2-6 / A2-5	A2-6 / A2-5	A2-6 / A2-5
	Main Spindle Bore	66mm / 43mm	66mm / 43mm	66mm / 43mm
	Max. RPM.	3000rpm (4000rpm) / 4000rpm (6000rpm)	3000rpm (4000rpm) / 4000rpm (6000rpm)	3000rpm (4000rpm) / 4000rpm (6000rpm)
Sub- Spindle Capacity	Max. Turning Dia.	150mm	----	----
	Max. Bar Working Dia.	30mm	----	----
	Max. Turning Length	100mm	----	----
	Chuck Size	KK4-163E30B	----	----
	Sub- Spindle Nose	A2-4	----	----
	Sub- Spindle Bore	26mm	----	----
	Max. RPM.	4000rpm (6000rpm)	----	----
C Axis	Least Command Unit	0.001 °	0.001 °	----
	Positioning Accuracy	0.02 °	0.02 °	----

Tavel&Feed	Slant Bed Degree	45 °	45 °	45 °
	X1/Z1 Axis Travel	200mm/320mm	200mm/320mm	200mm/320mm
	Y1 Axis Travel	----	----	----
	X2/Y2/Z2 Axis Travel	--- / --- / 360mm	----	----
Axes	Ball screw	Ø32 x P10	Ø32 x P10	Ø32 x P10
	Linear Guide Way	35mm	35mm	35mm
	Y2 Axis Linear Guide Way	----	----	----
	Rapid Feed	30m/min	30m/min	30m/min
	Repetition Accuracy	0.005mm	0.005mm	0.005mm
ATC System	System 1	BMT-55 Power Turret	BMT-55 Power Turret	High Speed Servo Turret (BMT-55 Turret)
	No of Tools	12	12	12
	Tool Holder	25mm / 25mm / 32mm	25mm / 25mm / 32mm	25mm / 25mm / 32mm
	System 2	----	----	----
	No of Tools	----	----	----
	B Axis (option accessory)	----	----	----
Motor	Tool Holder	----	----	----
	Main Spindle	Servo Spindle 11kw / 7.5kw (11kw)	Servo Spindle 11kw / 7.5kw (11kw)	Servo Spindle 11kw / 7.5kw (11kw)
	Sub Spindle	Servo Spindle 3.7kw (5.5kw)	----	----
	X1/Y1/Z1 Axis	AC Servo 1.5 / --- / 1.5kw	AC Servo 1.5 / --- / 1.5kw	AC Servo 1.5 / --- / 1.5kw
Hydraulic System	X2/Y2/Z2 Axis	AC Servo --- / --- / 1.0kw	----	----
	Pump Spec/Capacity	1HP / 40L	1HP / 40L	1HP / 40L
Lubrication	Hydraulic Pressure/ Flow	30 kg/cm <sup>2</sup> / 12L/min	30 kg/cm <sup>2</sup> / 12L/min	30 kg/cm <sup>2</sup> / 12L/min
	Pump Spce/Capacity	25W / 2L	25W / 2L	25W / 2L
Coolant System	Max. Pressure	15 kg/cm <sup>2</sup>	15 kg/cm <sup>2</sup>	15 kg/cm <sup>2</sup>
	Pump Spec	TPH4T5K, 5Bar, 75 L/min	TPH4T5K, 5Bar, 75 L/min	TPH4T5K, 5Bar, 75 L/min
	High Pressure Pump Spec	----	----	----
Machine Size	Coolant Tank Capacity	125L	125L	125L
	Length without/with Chip Coveyor	2600mm/3200mm	2450mm/3550mm	2600mm/3200mm
	Machine Width/Height	1300/1880mm	1300/1880mm	1300/1860mm
	Machine Weight	3500kg	3500kg	3500kg

( ) Option