

Machine Type		<i>i-42 Twin</i>
Mitsubishi Controller		M80
Spindle Capacity	Max. Turning Dia.	100mm
	Max. Bar Working Dia.	42mm (65mm)
	Max. Turning Length	300mm
	Collet Chuck Type	KK5-173E42B (KK6-185E60B)
	Spindle Nose	A2-5 (A2-6)
	Spindle Bore	43mm (66mm)
	Max. RPM.	4000rpm (6000rpm)
Sub-Spindle Capacity	Max. Turning Dia.	100mm
	Max. Bar Working Dia.	30mm
	Max. Turning Length	150mm
	Collet Chuck Type	KK5-173E42B
	Spindle Nose	A2-5
	Spindle Bore	31mm
	Max. RPM.	4000rpm (6000rpm)
C Axis	Least Command Unit	0.001°
	Positioning Accuracy	0.02°
Travel & Feed	X1/Y1/Z1 axis	150 / 415 / 300mm
	X2/Y2/Z2 axis	---- / ---- / 390mm
	Rapid Feed	30m/min
	Repeated Positioning Accuracy	0.005mm
Motor	Main-Spindle	Servo Spindle 11.0kw
	Sub-Spindle	Servo Spindle 3.7kw
	X1/Y1/Z1 axis	AC Servo 1.0 / 1.5 / 1.5kw
	X2/Y2/Z2 axis	AC Servo ---- / ---- / 1.0kw
	Motorized Tool	AC Servo 1.5kw
A.T.C System	OD/ID Tools Main Spindle	6 / 5
	OD/ID Tools Sub Spindle	3 / 4
	Tool Shank Size	□ 20mm
	Drill Holder Size (Main)	ER-20 / φ20mm
	Drill Holder Size (Sub)	ER-20 / φ20mm
Motorized Tool	Number of Motorized Tools	12
	B axis	360°
	Max. RPM.	4000rpm
	Collet Specification	ER-20
	Max. Drilling Dia.	12.0mm
	Max. Tapping Capacity	M10xP1.5
Hydraulic System	Hydraulic Pump / Tank Capacity	1HP / 40L+25L
	Max. Pressure / Flow	30 kg/cnf
Lubrication	Lubricant Pump / Tank Capacity	25W / 2L
	Max. Pressure	15 kg/cnf
Coolant System	Coolant Pump	TPH4T5K, 5Bar, 75 L/min
	Hydraulic Pump	2HP + SF-30C, 25Bar, 30L/min
	Coolant Tank Capacity	240L
Machine Size	Length/ Width/ Height	3500 (2900) / 1900 / 1950mm
	Weight	5300kg

