

Machine Type		<i>i-42 Eco</i>		
Mitsubishi Controller		M80		
Spindle Capacity	Max. Turning Dia.	100mm		
	Max. Bar Working Dia.	42mm (65mm)		
	Max. Turning Length	230mm		
	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.	---		
	Max. Bar Working Dia.	---		
	Max. Turning Length	---		
	Collet Chuck Type	---		
	Spindle Nose	---		
	Spindle Bore	---		
	Max. RPM	---		
C Axis	Least Command Unit	0.001°		
	Positioning Accuracy	0.02°		
Travel & Feed	X1/Y1/Z1 axis	150 / 410 / 250mm		
	X2/Y2/Z2 axis	---		
	Rapid Feed	30m/min		
	Repeated Positioning Accuracy	0.005mm		
Motor	Main-Spindle	Servo Spindle 7.5kw (11.0kw)		
	Sub-Spindle	---		
	X1/Y1/Z1 axis	AC Servo 1.0 / 1.5 / 1.5kw		
	X2/Y2/Z2 axis	---		
	Motorized Tool	AC Servo 1.5kw		
A.T.C System	OD/ID Tools Main Spindle	<i>i-42 Eco</i>	<i>i-42 Eco M</i>	<i>i-42 Eco B</i>
		11 / 9	6 / 5	6 / 5
	OD/ID Tools Sub Spindle	---		
	Tool Shank Size	□ 20mm		
	Drill Holder Size (Main)	ER-20 / φ20mm		
Drill Holder Size (Sub)	---			
Motorized Tool	Number of Motorized Tools	<i>i-42 Eco</i>	<i>i-42 Eco M</i>	<i>i-42 Eco B</i>
		0	6	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		
	Max. Pressure / Flow	30 kg/cmf		
Lubrication	Lubricant Pump / Tank Capacity	25W / 2L		
	Max. Pressure	15 kg/cmf		
Coolant System	Coolant Pump	TPH4T5K, 5Bar, 75 L/min		
	Hydraulic Pump	---		
	Coolant Tank Capacity	125L		
Machine Size	Length/ Width/ Height	3200 (2500) / 1750 / 1950mm		
	Weight	3780 kg		

