



## i-42 ECO

This 4 axis gang tooling lathe is an affordable alternative to a turret type,C-axis lathe. The tooling system comprises of 6 turning, 4 boring and 6 live milling tools giving a capacity of 16 tools. Its unique design allows for rapid chip to chip times, which will generally out perform turret type machines, enabling a reduction in cycle times.

Its rigid design allows heavy duty cutting to be performed, and the 6 live tooling spindles with both C-axis and Y-axis, can complete the most complex of work pieces in one operation.

## Specification

Mitsubishi Controller M70							
Spindle Capacity	Max. Bar Working Dia	42.0mm/60.0mm (option)	Mitsubishi Motor	Main-spindle	AC Spindle 7.5kw/11.0kw(option)		
	Spindle Max. Turning Length	150.0 mm		X/Z axis spindle	AC Servo 1.0kw		
	Spindle Collet Chuck Type	KK5-173E42B/KK6-185E60 B(option)		Motorized Tool	AC Servo 1.0kw/1.5kw (option)		
	Spindle Nose	ISO(DIN) A2-5/ A2-6					
	Spindle Bore	44.0/62.0mm(option)					
	Spindle Speed Range	3000 rpm/4000 rpm(4000 rpm/6000 rpm option)					
C Axis	Positioning Accuracy	0.001 °	Hydraulic System	Hydraulic Motor	0.75 kw		
Travel & Feed	X/Y/Zaxis Travel	150.0/415.0/230.0mm		Max. Pressure	50 kg/cm <sup>2</sup>		
A.T.C System	OD Tools Main Spindle ID Tools Main Spindle Tool Shank Size Boring Bar (main)	6 4 20.0mm ER-20/20.0mm	Lubrication	Tank Capacity	50L		
		Motorized Tool		Index Time Number of motorized tools	6 Tools (3 Axial,3 Radial)	Lubricant Motor	25W
						Max. Pressure	15kg/cm <sup>2</sup>
						Tank Capacity	2 Liter
Motorized Tool	Speed	4000rpm(Max.)	Coolant System	Coolant Motor Type	2HP coolant ; 4T5-5 hight pressure coolant		
				Coolant Tank Capacity	160L		
	Machine Size	Size Max.Drilling Dia. Max. Tapping capacity	ER-20 12.0 mm M10 X P1.25	Length/Width/Height Weight	2000/1500/1900mm 2750kg		