



i-42 PLUS

This CNC turning machine is capable of running two NC programs simultaneously.

A total of 18 tools (6 of them powered) is designed to work on complex work pieces.

Specification

Mitsubishi Controller M70		
Spindle Capacity	Max. Bar Working Dia	42.0mm/60.0mm (option)
	Spindle Max. Turning Length	200.0mm
	Spindle Collet Chuck Type	KK5-173E42B/KK6-185E60B(option)
	Spindle Nose	ISO(DIN) A2-5/ A2-6
	Spindle Bore	44.0/62.0mm(option)
	Spindle Speed Range	4000rpm/6000rpm (option)
C Axis	Positioning Accuracy	0.001 °
Travel & Feed	X/Y/Zaxis Travel	150.0/415.0/230.0mm
	X-1/Y-1/Z-1axis Travel	X1-235.0mm/Z1-335.0mm
A.T.C System	OD / ID Tools Main Spindle (1st)	6 / 5
	OD / ID Tools Sub Spindle (2nd)	--- / 6
	Tool Shank Size	20.0mm
	Boring Bar (main)	ER-20/20.0mm
Motorized Tool	Boring Bar (sub)	ER-20/20.0mm
	Index Time	0.3sec(one)/0.6(full)
	Number of motorized tools	6tools
	Speed	4000rpm(Max.)
	Size	ER-20
	Max. Drilling Dia.	10.0mm
Mitsubishi Motor	Max. Tapping capacity	M8.0xP1.25
	Main-spindle	AC Spindle 7.5kw/11.0kw(option)
	X/Z axis spindle	AC Servo 1.0kw
	X-1/Z-1 axis	AC Servo 1.0kw(X1 Z1)
Hydraulic System	Motorized Tool	AC Servo 1.0kw/ 1.5kw (option)
	Hydraulic Motor	1HP
	Max. Pressure	400psi
Lubrication	Tank Capacity	40L
	Lubricant Motor	25W
	Max. Pressure	15kg/cm ²
Coolant System	Tank Capacity	2 Liter
	Coolant Motor Type	max.pressure:25bar
	Hydraulic Motor Type	(55kg/cm ²) flow:30L / min
	Coolant Tank Capacity	125L
Machine Size	Length/Width/Height	3150 / 1500 / 1900mm
	Weight	3200kg