



MiniMax 25i

Sliding Headstock Automation CNC lathe

This series offers the most efficient and cost-saving solution for mass production for 25mm complex parts, i.e medical parts, IT parts.

Specification

Machine Type		MiniMax 25i Twin	MiniMax 25i Mill		
Mitsubishi Controller		M80	M80		
Main spindle capacity	Max. Bar Working Dia.	25mm	25mm		
	Max. Length for Front Ejection	100mm	100mm		
	Chuck TYPE	SR-25R	SR-25R		
	Main Spindle Bore	27mm	27mm		
	Max. RPM.	8000rpm	8000rpm		
	Guide Bush	○	○		
Sub spindle capacity	Max. Bar Working Dia.	25mm	-		
	Turning Length	30mm	-		
	Chuck TYPE	SR-25R	-		
	Sub-Spindle Bore	27mm	-		
	Max. RPM.	8000 rpm	-		
Motor	Main Spindle / Sub Spindle	3.7kw	3.7kw		
	Axis	1.0kw	1.0kw		
Travel&Feed	X1	160mm	160mm		
	Y1	300mm	300mm		
	Z1	100mm	100mm		
	X2	300mm	-		
	Z2	230mm	-		
A.T.C system	OD Tools Main Spindle	7 (□12mm)	7 (□12mm)		
	ID Tools Main Spindle	3 (ø20)	3 (ø20)		
	ID Tools sub-spindle	3+4 (ø20mm,ER-16M)	-		
Motorized tool	No of Motorized Tools on main spindle	6 (ER-16M) (Axial x3 + Radial x3)	6 (ER-16M) (Axial x3 + Radial x3)		
	No of Motorized Tools on sub- spindle	3 (ER-11M) (Axial x3)	-		

	Max. RPM.	4000 rpm	4000 rpm		
	Motor	1.0kw	1.0kw		
Hydraulic system	Hydraulic Motor	1HP	1HP		
	Hydraulic Pressure	50 kg/cm ²	50 kg/cm ²		
	Tank Capacity	15L	15L		
Lubrication	Lubricant Pump	25W	25W		
	Max. Pressure	15 kg/cm ²	15 kg/cm ²		
	Capacity	2 L	2 L		
Coolant system	Hydraulic Pump	57 Bar, 75L/min	57 Bar, 75L/min		
	Coolant Tank Capacity	110L	110L		
Machine size	Length/ Width/ Height	3100(2500)x1500x1950	3100(2500)x1500x1950		
	Weight	2000 kg	2000 kg		