



## MiniMax 20i / 25i Sliding Headstock Automation CNC lathe

This series offers the most efficient and cost-saving solution for mass production for 20/25mm complex parts, i.e medical parts, IT parts.

### Specification

Machine Type		MiniMax 20i (25i) Twin	MiniMax 20i (25i) Mill	MiniMax 20i (25i) Eco	MiniMax 20i (25i) GBL
Mitsubishi Controller		M80	M80	M80	M80
Main Spindle Capacity	Max. Bar Working Dia.	25mm	25mm	25mm	25mm
	Max. Length for Front Ejection	100mm	100mm	100mm	100mm
	Chuck TYPE	SR-25R	SR-25R	SR-25R	SR-25R
	Main Spindle Bore	27mm	27mm	27mm	27mm
	Max. RPM.	8000rpm	8000rpm	8000rpm	8000rpm
	Guide Bush				(option)
Sub-spindle Capacity	Max. Bar Working Dia.	25mm	-	-	-
	Turning Length	30mm	-	-	-
	Chuck TYPE	SR-25R	-	-	-
	Sub-Spindle Bore	27mm	-	-	-
	Max. RPM.	8000 rpm	-	-	-
C Axis	Least Command Unit	0.001 °	0.001 °	-	-
	Positioning Accuracy	0.02 °	0.02 °	-	-
Motor	Main Spindle / Sub Spindle	3.7kw	3.7kw	3.7kw	3.7kw
	Axis	1.0kw	1.0kw	1.0kw	1.0kw
Travel & Feed	X1	160mm	300mm	300mm	300mm
	Y1	100mm	100mm	100mm	100mm
	Z1	300mm	-	-	-
	X2	230mm	-	-	-
	Z2	7 ( 12mm)	7 ( 12mm)	7 ( 12mm)	7 ( 12mm)
A.T.C System	OD Tools Main Spindle	3 ( 22)	3 ( 22)	6 ( 20)	6 ( 22)
	ID Tools Main Spindle	4 ( 20mm,ER-16M)	-	-	-
	ID Tools sub-spindle	6 (ER-16M) (Axial x3 + Radial x3)	6 (ER-16M) (Axial x3 + Radial x3)	-	-

Motorized Tool	No of Motorized Tools on main spindle	3 (ER-11M) (Axial x3)	-	-	-
	No of Motorized Tools on sub-spindle	4000 rpm	4000 rpm	-	-
	Max. RPM.	1.0kw	1.0kw	-	-
	Motor	-----	-----	-	-
Hydraulic System	Hydraulic Motor	1HP	1HP	1HP	1HP
	Hydraulic Pressure	50 kg/cm <sup>2</sup>	50 kg/cm <sup>2</sup>	50 kg/cm <sup>2</sup>	50 kg/cm <sup>2</sup>
	Tank Capacity	15L	15L	15L	15L
Lubrication	Lubricant Pump	25W	25W	25W	25W
	Max. Pressure	15 kg/cm <sup>2</sup>	15 kg/cm <sup>2</sup>	15 kg/cm <sup>2</sup>	15 kg/cm <sup>2</sup>
	Capacity	2 L	2 L	2 L	2 L
Coolant System	Hydraulic Pump	57 Bar, 75L/min	57 Bar, 75L/min	57 Bar, 75L/min	57 Bar, 75L/min
	Coolant Tank Capacity	110L	110L	110L	110L
Machine Size	Length/Width/ Height	3100(2500)x1500x1950	3100(2500)x1500x1950	3100(2500)x1500x1950	3100(2500)x1500x1950
	Weight	2000 kg	2000 kg	2000 kg	2000 kg