

## MiniMax25i

Sliding Headstock  
Automation CNC lathe



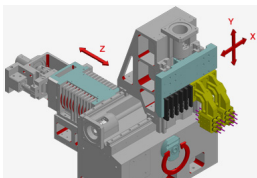
This series offers the most efficient and cost-saving solution for mass production for 25mm complex parts, i.e medical parts, IT parts.



## TOOLING SYSTEM

The tooling block consists of extensive 12mm or 16 mm turning and drilling tools. Maximum tooling capacity of 28 tools allows fast chip to chip times as there is very little movement from one tool to the next.

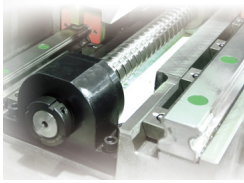
In addition, to meet the demand to produce complex parts, motorized tools are also provided as optional.



## Axial view

The standard milling head comprises of 6 live tools. Capacity is ER16 collet with 0.5 kw gear

drive. The head may be fitted to 8 live tools if any complex milling.



## LINEAR GUIDEWAYS

The machine is equipped with high precision, HIWIN linear guideways.

The use of 25mm rails throughout the machine increases stability and accuracy, and allows heavier cuts to be achieved.



## Workpiece

minimax25i

### Specification

Mitsubishi Controller M70			
Spindle 25mm hydraulic			
System Hydraulic Motor			
Max. part length			
for front ejection	75mm		
Collet Chuck Type	SR-25R		
Spindle Bore	27mm	Max. Pressure	50kg/cm <sup>2</sup>
Spindle Speed Range	8000 rpm		
Travel	X axis	185mm	
Y axis	315mm	Tank Capacity	25L
Z axis	260mm		
A.T.C System	OD tools	□ 12mm- 9 tools	□ 12mm- 6 tools
□ 16mm- 7 tools	□ 16mm- 5 tools	Lubrication motor	25W

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Written by Administrator

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ID tools	□ 12mm- 6 tools □ 12mm- 12tools		
□ 16mm- 6 tools □ 16mm- 12tools	Max Pressure	15kg/cm²	
Tool Shank Size	12mm / 16mm	Tank Capacity	2 Liter
Boring Bar	ER16 / Shaft 20mm	Coolant	
Sysstem	Coolant Motor Type	4PUW-1/4-200L	
Mitsubishi			
Motor	Spindle	SJ-2B4203T	Coolant Tank Capacity
X/Y/Z axis	X axis-HF104BS-A48		
Y/Z axis -HF-104S-A48	Machine Size	Length/Width/Height	1710*1270*1850
mm			
Weight	2000kg		
Optional			
Sub Spindle	Max. bar working dia	25mm	Motorized Tool
Max. protrusion length from back spindle face	300mm	Speed	6000 rpm
Collet Chuck Type	SR-25R	Size	ER16
Spindle Bore	27mm	Max. Drilling Dia	8mm
Spindle Speed Range	8000rpm	Max. Tapping Capacity	M6
OD tools	2 tools	Motor	HF-54T-A48
ID tools	2 tools	C axis	Position Accuracy
Boring Bar	ER16 / Shaft 20mm		
Motor	SJ-2B4202T		

55

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