

MiniMax25i

Sliding Headstock
Automation CNC lathe



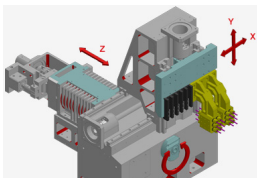
This series offers the most efficient and cost-saving solution for mass production for 25mm complex parts, i.e medical parts, IT parts.



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.

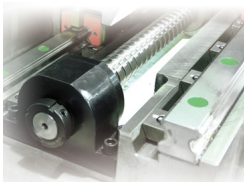
In addition, to meet the demand to produce complex parts, motorized tools are also provided as optional.



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 ²	
Spindle Speed Range	8000 rpm			
Travel	X axis	185mm	Tank Capacity	
Y axis	315mm			
Z axis				
260mm				
A.T.C System	OD tools			
□ 16mm- 7 tools	□ 16mm- 5 tools	□ 12mm- 9 tools	□ 12mm- 6 tools	
Lubrication		Lubrication motor	25W	

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Written by Administrator
Thursday, 17 April 2014 10:29

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		

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