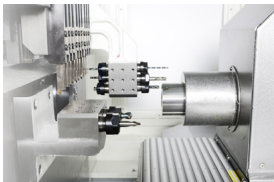


## MiniMax20i

Sliding Headstock  
Automation CNC lathe



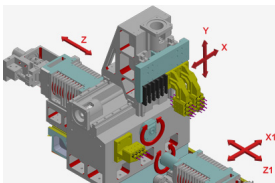
This series offers the various combinations for the sliding head market. Precise, high-efficiency says it all!



## TOOLING SYSTEM

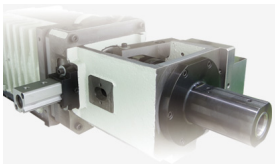
The tooling block consists of extensive 12mm or 16 mm turning and drilling tools. Maximum tooling capacity of 28 tools allows fast chip to chip times as there is very little movement from one tool to the next.

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



## Axial view

minimax20i



**SPINDLE**

The cartridge type built-in spindle is the key components for precision machining. This reduces vibration, enables operation with high precision at high speed.

The design also allows the absence of drive traverse forces permitting extremely high accuracy on workpiece due to smooth, accurate spindle motion even at very low speed.



**Workpiece**

minimax20i

**Specification**

Mitsubishi Controller M70			
Spindle Motor 20kW			
System Hydraulic Motor			
Max. part length			
for front ejection	100mm		
Collet Chuck Type	SR-20R		
Spindle Bore	22mm	Max. Pressure	50kg/cm
Spindle Speed Range	8000 rpm		
Travel	X axis	185mm	
Y axis	315mm	Tank Capacity	25L
Z axis	260mm		

## MiniMax20i

Written by Administrator

Friday, 18 April 2014 03:27 - Last Updated Friday, 18 April 2014 03:29

A.T.C System	OD tools	□ 12mm- 9 tools	□ 12mm- 6 tools
□ 16mm- 7 tools	□ 16mm- 5 tools	Lubrication motor	25W
ID tools	□ 12mm- 6 tools	□ 12mm- 12tools	
□ 16mm- 6 tools	□ 16mm- 12tools	Max Pressure	15kg/cm <sup>2</sup>
Tool Shank Size	12mm / 16mm	Tank Capacity	2 Liter
Boring Bar Sysstem	ER16 / Shaft 20mm	Coolant	
Mitsubishi Motor	Coolant Motor Type	4PUW-1/4-200L	
	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	2160*1270*1850 mm
Weight	2000kg		
Optional			
Sub Spindle	Max. bar working dia	20mm	Motorized Tool
Max. protrusion length from back spindle face	300mm	Speed	6000 rpm
Collet Chuck Type	SR-20R	Size	ER16
Spindle Bore	22mm	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 Motor	ER16 / Shaft 20mm		
	SJ-2B4203T		

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