






# XP12/16S

## Low Cost Machine with High Productivity

- 
**Efficient Structure**  
 Optimized structure enabling better space utilization
- 
**User Friendly Design**  
 Easy maintenance and repair
- 
**High Productivity**  
 Excellent chip discharge and rapid traverse

### High Productivity



- Achieving Shorten cycle time
- High productivity by rapid traverse rate in the same class

### Easy Maintenance



- Built-in spindle motor with low vibration
- Easy to maintenance and repair
- Movable OP Panel for convenient work

### Excellent Part Ejection



- Excellent chip discharge for high productivity
- Smooth axis movement
- Safety focused design

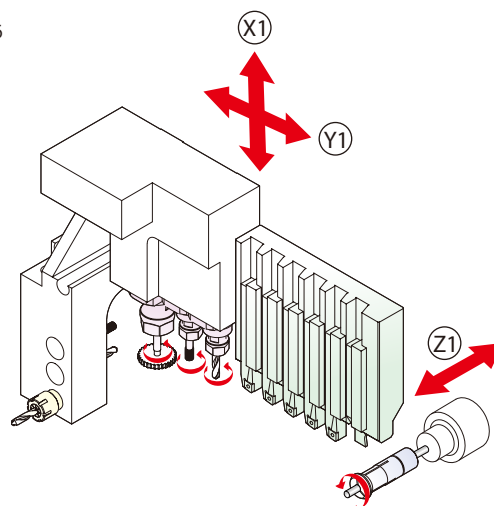
### Innovative Space Utilization



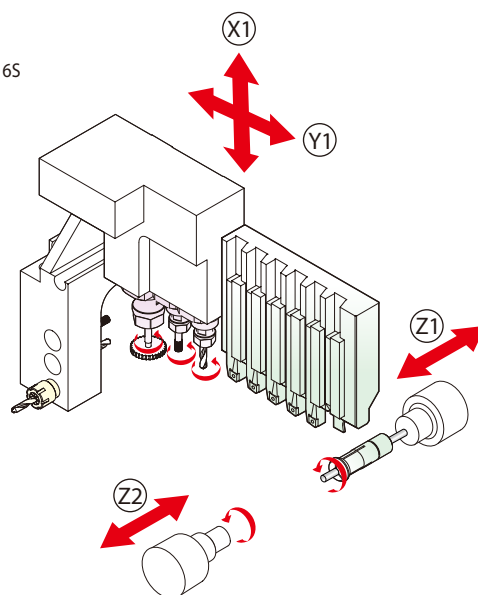
- Optimized design enabling better space utilization
- Geometrical heat resistant structure
- NC control box considering space utilization

### TOOLING SYSTEM

- XP12/XP16



- XP12S/XP16S



## SPECIFICATION

MODEL		XP12/16	XP12/16S
NC		HANWHA FANUC i(MITSUBISHI M70)	
Max. Turning $\phi$ (Main)		$\phi 12/\phi 16$	
No. of Tools	OD Tool	6EA	
	Front Tool	5EA(OPTION : 3EA)	
	Cross Tool	-(OPTION : 3EA)	
	Off Center Drill	-	
Motor	Main Spindle	rpm	10,000rpm
		Power	2.2/3.7kW
	Cross Drill	rpm	6,000rpm
		Power	0.5kW
Pump	Lubricant	Capacity	1.8L
		Pump Motor	5w
	Coolant	Capacity	100L   120L
		Pump Motor	0.18kW   0.25kW
Weight	1,500kg   1,800kg		
Size(LxWxH)	1,450x1,150x1,600   1,650x1,150x1,650		
Power Consumption(Cable Size)	12kVA(Min 4 SQ)		
Air Flow Rate	100L/Min   120L/Min		
No. of Tools	Back Tool	-	
	Sub Spindle	rpm	-   8,000rpm
		Power	-   0.55/1.1kW
	Back Tool	rpm	-   -
		Power	-   -

MAIN

SUB

## STANDARD

- FULL C AXIS CONTROL ON MAIN SPINDLE
- DOOR INTERLOCK
- COOLANT LEVEL SENSOR
- COOLANT UNIT
- LUBRICATION UNIT
- WORK LIGHT
- SIGNAL LAMP(3COLOR)
- LAN PORT
- TOOL MONITORING FUNCTION
- TOOL BOX
- DRILL HOLDERS
- BAR FEEDER INTERFACE

## OPTION

- CROSS DRILLING/MILING UNIT(3~4EA)
- ROTARY GUIDE BUSH HOLDER UNIT
- TRANSFORMER
- PART CONVEYOR(S type)
- CHIP CONVEYOR(S type)
- MPG
- CUT OFF TOOL BREAKAGE DETECTOR(S/W, S type)
- CUT OFF TOOL BREAKAGE DETECTOR(H/W)
- TAP BREAKAGE DETECTOR
- M CODE AIR BLOW
- COOLANT FLOW SENSOR
- PIPE TYPE EJECTION UNIT(S type)
- ADDITIONAL 1 PIPE SET(S type)
- MIDDLE PRESSURE PUMP(S type)
- OIL CHILLER(S type)
- NC WARRANTY FOR 2 YEARS
- BAR FEEDER

All specifications are subject to change without notice.

## DIMENSION

