

V-180



High rigidity servo driven, 1G acceleration of 3 axes

Mechanical spindle 20000rpm, combination of high speed, high accuracy and heavy duty cutting

Specializing in automotive, motorcycle, communication, medicine industries, etc.

STANDARD

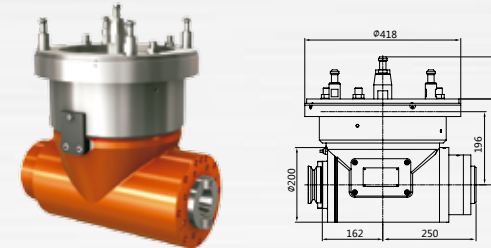
- ❖ Fanuc 0i mate MD
- ❖ Spindle taper air blast
- ❖ Spindle air seal
- ❖ Spindle oil chiller
- ❖ Central lubrication system
- ❖ Rigid tapping
- ❖ Direct spindle 20000rpm
- ❖ 16T ATC -Turret type
- ❖ Coolant system
- ❖ 3 color signal lamp, working light
- ❖ Standard accessories

OPTION

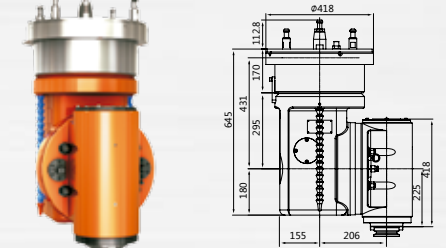
1. Mitsubishi M70V
2. 21T ATC -Turret type
3. 16T/21T ATC- servo type
4. CNC rotary table- the 4th axis
5. Chip flush function
6. Coolant through spindle
7. Tool setter
8. Oil mist collector
9. Automatic door
10. Air gun
11. Water gun

Specification	Unit	V-180
Table size	mm	650×400
Max. load	kg	255
T-slot	mm	14×125×3
Worktable to ground floor	mm	800
X travel	mm	500
Y travel	mm	400
Z travel	mm	330
Spindle nose to table surface	mm	150~480
Max. spindle speed	rpm	25~20000
Spindle taper		7/24 No.30
Spindle motor power	kW	3.5/5.5
Positioning accuracy	mm	0.009
Repeatability	mm	0.005
X/Y/Z cutting feedrate	m/min	30
X/Y/Z rapid traverse	m/min	48
Magazine capacity	ea	16
Max tool weight	kg	3kg per (Total 25kg)
Max. tool length	mm	250
Max. tool dia. (adjacent vacant)	mm	Φ60(Φ80)
Tool change time	sec	1.6
Tool shank		BT30 45°
Pull stud		MAS-P30T-1
Machine weight	ton	2.5
Machine size	cm	162×208×238

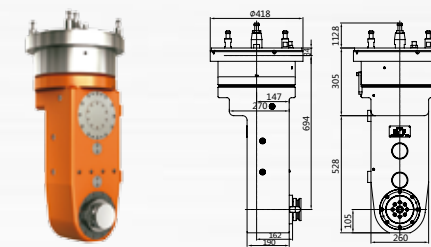
Attachment for various application



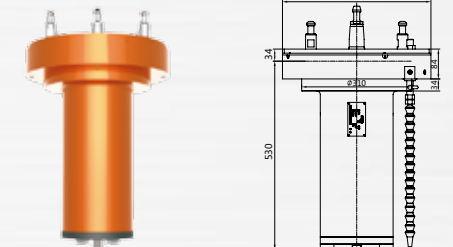
90°angle milling head
maximum speed:2000rpm



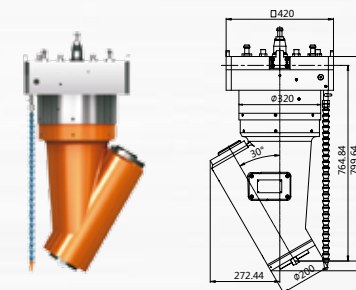
universal milling head
maximum speed:1000rpm



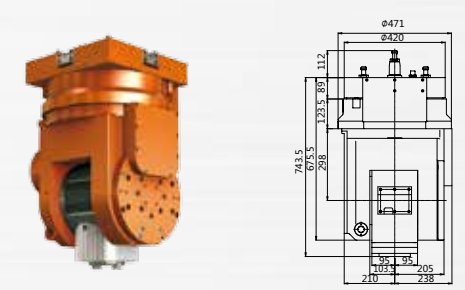
narrow angle milling head
maximum speed:800rpm



extended milling head
maximum speed:2000rpm



30°angle milling head
maximum speed:2000rpm



universal milling head
maximum speed:2000rpm



two position rotary head changer



NC rotary table



vertical and horizontal automatic tool changer