

ASM SERIES

5-axis Universal Machining Center



Multi-Task Solution Provider

- V/H 5 Axis Synchronized Motion.
- Mill-Turn Machining.
- APC- Automatic Pallet Changer.
- 40/ 60/ 120T Automatic Tool Change.
- Auto Geometric Precision Correction.
- Full-time Precision Thermal Compensation.
- Auto Tool Length Diameter Measurement.
- Auto Warming-Up System.
- 5,000cc/min Chip Removal Capability.



Built-in Motor with IDD Driven



High Speed Turning Function

Pump Industry
Vacuum Compressor
Body
Cast Iron FC200



Energy Technology
Vacuum Chamber
Stainless Steel

Automotive Industry
Engine
Cast Aluminum

Aerospace Technology
Aircraft Engine
Titanium Alloy

Model	X axis	Y axis	Z axis	Table diameter	Max. table load (center)	Spindle speed	Cutting feed rate	Rapid traverse(x/y/z)
Unit	mm	mm	mm	mm	kg	rpm	m/min	m/min
ASM-1012	1,000	1,260	1,050	∅1,000	2,000	10,000	1-24,000	40 / 40 / 40
ASM-1212	1,250			∅1,200	2,000			
ASM-1612	1,620			∅1,500	3,000			
ASM-1612G	1,620			∅1,500	3,000			
ASM-1012 FD	1,000	1,260	1,050	∅1,000	2,000	10,000	1-24,000	40 / 40 / 40
ASM-1212 FD	1,250			∅1,200	3,000			
ASM-1612 FD	1,620			∅1,500	3,000			
ASM-1612G FD	1,620			∅1,500	3,000			

For details, please refer to Machine Specification Instruction

A ccuracy

Positioning Accuracy: P 0.006mm
Repeatability Accuracy: Ps 0.0055mm

S peedy

40 m/min Rapid traverse
24 m/min Cutting feedrate
0.3G Acceleration

M ax. Power

Universal 5-axis
57/75kW power

5-Axis
Machining

