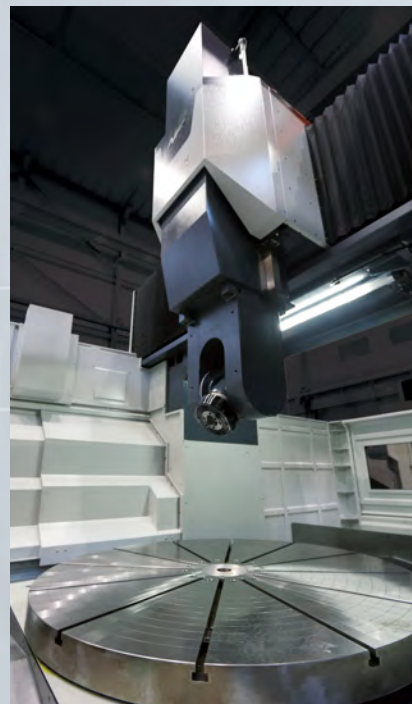
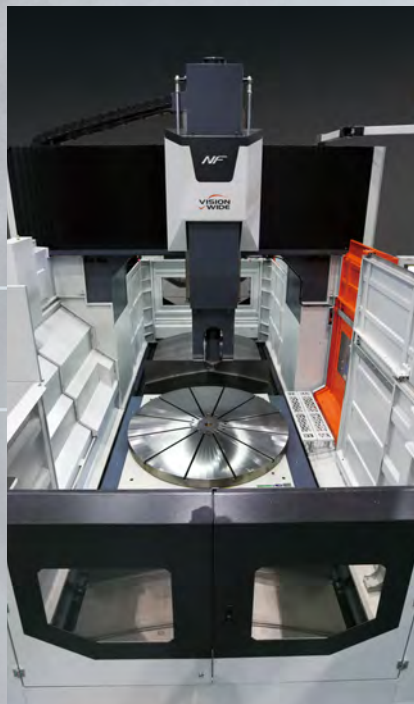


# NFT

## Double Column Machining Center With A Large Rotary Table Design



Designed for  
Cylindrical  
Workpiece

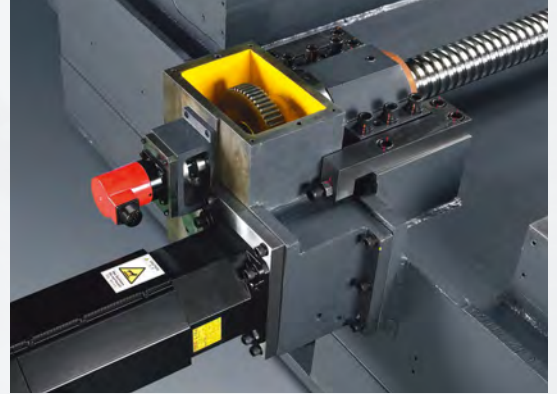
Tool Clamping Type	Auto-Hydraulic Clamping
Head Clamping Type	Fixed
C axis Angle	Fixed
B axis Angle	$\pm 110^\circ$
B axis Index	B axis $1^\circ$
Indexing Precision(mm)	$\pm 0.03 / 300$
Indexing Function	Auto angle positioning (B axis )
Lubrication	Bearing Oil-Air Lubrication
CTS Function	Available for 20 / 50 Bar
Spindle Cooling	Oil Cooling Circulation
Max. Cutting Power	26kW
Spindle speed	4,000rpm



## High Precision and High Performance Structure Achieves Best Feeding Thrust and Cutting Rigidity

### XYZ Axis with Dual Feedback Positioning Encoder

- Less rotation error between motor and screw
- Higher positioning accuracy
- Higher repeatability
- The gear reducer is adopted in X-axis to ensure the dynamic precision of servo motor and can be transmitted to the precision ballscrew under high loading operation.
- 9kW (Fanuc) high power motor is configured to offer the maximum feeding thrust.



### Ballscrew Supporter

- XY axis precision supporter mechanism prevents the sag of ballscrew, enhances higher positioning accuracy, and ensures ballscrew lifetime (X-axis travel > 4m, Y-axis travel > 3m)



### Steady Spindle Head

- The counterweight system of Z-axis is oil-air separate type and driven by air pressure.
- Spindle head is balanced by two symmetric counterweight cylinders.
- Spindle locates at the center of the 2 symmetric counterweight cylinders, and Z-axis ballscrew.

