

5 AXIS MACHINE TOOLS

2 Models:

- FTV-500i 5 Axis Machining Center
- FTD-500iHV 5 Axis Mill / Turn Machine



- ✓ FTV – 32 Tool Magazine
- ✓ FTD – 60 Tool Magazine
- ✓ Random Access Magazine with Oversize Tool Handling Capability

- ✓ 15 RPM, 25 HP
- ✓ CAT 40 Dual Contact or HSK
- ✓ Stationary Spindle for Turning Tools
- ✓ Independent Flood Coolant
- ✓ Independent Air Blow
- ✓ Through Tool Coolant Ready

B Axis

- ✓ FTV – 14,000 Deg / Min, Worm Wheel Driven.
- ✓ FTD – 5,400 Deg / Min, Direct Drive Motor.

C Axis

- ✓ FTV – 9,000 Deg / Min, Worm Wheel Driven
- ✓ FTD – 2000 RPM 45 HP Direct Drive Spindle Motor
- ✓ Hydraulic Fixturing Ready, Includes Pneumatic Port for Seat Sensing



- ✓ Heavy Duty, High Precision Linear Roller Ways on X, Y, & Z Axis
- ✓ Direct Driven Ball Screws on X, Y, and Z Axis
- ✓ Sub-Micron Glass Scales on ALL Axis for Maximum Precision
- ✓ Engineered Thermal Stability System Consisting of 3 External Chillers Plus Active Thermal Compensation

Work Envelope > 15.75"

Ohtori Kiko Co., Ltd. is a Japanese machine tool manufacturer that specializes in high precision 5 axis machine tool design and production. The FT series of machines have been in production for over 14 years and have kept their discerning Japanese customers satisfied and coming back for more. KGK International is excited to import these machines into the USA.

FANUC

FANUC 31i – Model B5 Control
High Performance CNC Control
Specifically Configured for 5 Axis
Machining

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**Contact us to see how the Ohtori 5 axis
machines can benefit your company**

Kanematsu KGK

KGK