

WIA MACHINES



BHRITE STONE

BRILLIANCE IN EVERY SURFACE

We provide turnkey solutions with new
machine tooling. We promote leading
brands: Global CNC & Hyundai Wia

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WIA MACHINES

FEATURES

- High-speed 5-axis vertical machining center
- Monoblock column-bed structure for maximum rigidity
- Box-in-box X/Z axis design for thermal stability
- Built-in spindle (15,000 rpm standard) with low vibration
- High-precision linear scales on all axes (standard)
- Direct Drive Motor (DDM) tilting rotary table
- High accuracy in complex 5-axis machining
- Roller LM guideways for high rigidity and fast acceleration
- Fast tool change — 4.5 sec chip-to-chip
- Compatible with Siemens SINUMERIK ONE or Heidenhain TNC640 (optional)
- Excellent accessibility for loading/unloading workpieces
- Large 22" touch-screen monitoring & user-friendly interface

XF6300 (VMC)



KF6 (VMC)



FEATURES

- High-speed, high-precision machining with roller LM guideways on all axes
- Multiple spindle options (KF6): 8,000/High-torque 8,000/10,000 /12,000/15,000/ 20,000rpm
- Heavy-duty BBT50 8,000 rpm spindle
- Enhanced rigidity using FEM-optimized bed and column structure
- Spindle cooling system for accuracy during long machining cycles
- Optional high column (300mm) for increased Z-axis machining height
- Fast ATC system with servo-driven twin arm (KF6: 3.2sec)
- Improved chip evacuation with upper-type conveyor and interior screw conveyor
- FANUC Smart Plus controller with 15" touch display
- Optional thermal displacement compensation for precision machining

Plot No. 4-1-110/11, St. No.5, Bhavani Nagar
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FEATURES

- High-speed, high-precision machining with roller LM guideways on all axes
- Multiple spindle options for KF5: 8,000 / 10,000 / 12,000 / 15,000 / 20,000 rpm built-in
- Heavy-duty BBT50 8,000 rpm spindle
- Enhanced rigidity through FEM-optimized bed and column structure
- Spindle cooling for high-speed and high-torque spindle stability
- Optional high-column configuration for increased Z-axis machining height
- Fast and reliable servo-driven twin-arm ATC (KF5: 3.0 sec)
- Improved chip evacuation with upper-type conveyor and interior screw conveyor
- FANUC Smart Plus controller with 15" touchscreen
- Optional thermal displacement compensation for precision machining

KF5 (VMC)



KF4 (VMC)



FEATURES

- High-precision machining capability
- High-speed roller-type LM guideways on all axes
- Direct spindle (8,000 / 10,000 / 12,000 / 15,000 rpm options)
- Optional high-torque spindle
- Enhanced chip processing with upper-type chip conveyor
- Dual-contact BBT40 spindle system
- Improved slide cover design for better chip evacuation
- Spindle cooling for >10,000 rpm
- Automatic grease lubrication system
- High-speed ATC with twin-arm system
- Tool change time: 3.0 sec
- Random tool selection (standard)
- FANUC Smart Plus controller with 15" touch display
- Conversational programming (Smart Guide-i)

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Founded in 2021, BHRITE STONE delivers turnkey solutions in cutting tools and machine tools across Telangana and Andhra Pradesh. Representing world-class brands like Global CNC and Hyundai Wia, the company serves over 120 customers, including leading industrial groups, with expert sales, service, and precision engineering support. Its portfolio includes

5-axis machining centers,
HMCs with automatic pallet changers,
VMCs with robotic integration,
Turnmill centers,
heavy-duty VTLs, heavy-duty Lathes,
horizontal **Boring & Milling machines,**
and **special purpose machines with automation,**
enabling precision, productivity, and innovation across diverse industries.



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