

HURCO® VTXU

The answer to complex machining applications.



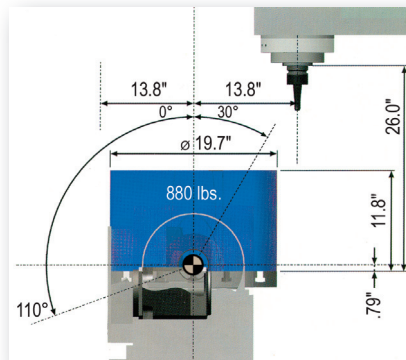
The VTXU is ideal for 5-axis work on complex, multi-sided parts. If reductions in setup time and overall part accuracy are a priority, the VTXU is the right choice. The traveling column provides the speed, precision and power required for advanced machining processes.

Best in class features

- Hurco's easy-to-master 5-sided conversational programming requires only one part setup.
- The VTXU is capable of very high contour machining rates with superior surface finishes.
- Expanded compatibility with 5-axis CAD/CAM systems.
- Handles complex, 5-sided, swept surface programs.
- Traveling column design with heavy capacity, integrated trunnion table uses Hurco motion control for exceptional accuracy.
- Hurco products are UL, CSA, NFPA 79 independently certified, with CE certification optional.

		VTXU
X, Y, Z Axis Travel, inches (mm)		31.5 x 27.5 x 20 (800 x 700 x 510)
Table Size, inches (mm)		Ø 24 x □ 20.9 (Ø 610 x □ 530)
Max Weight On Table, lbs (Kg)		880 (400)
Max Part Diameter, inches (mm)		21.7 (550)
Peak Spindle Motor, hp (Kw)		24 (18)
Max Spindle Motor Torque ft lbs (Nm) @ rpm	12k	175 (237) @ 720
Rapid Traverse X, Y, Z Axis, inches (M) / min		1,378 (35)
Tools, Standard / Option		48/96 CAT (BT) 40
Positioning, inches (mm)		±0.0002 (0.005)
Repeatability, inches (mm)		±0.0001 (0.0025)
Machine Weight, lbs (Kg)		27,560 (12,525)

Optimum machine performance is reliant upon installation conditions at the facility, such as power supply, air supply, and ambient air conditions.



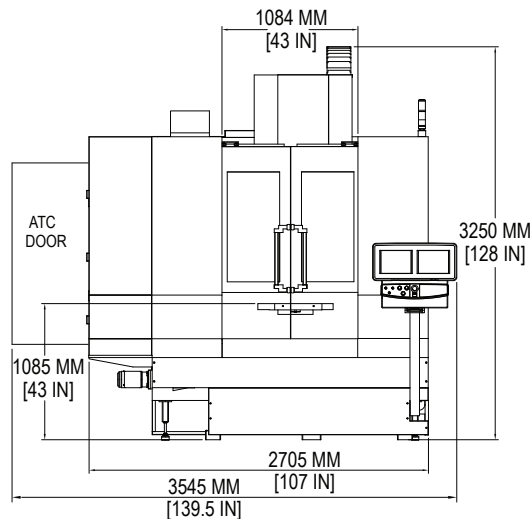
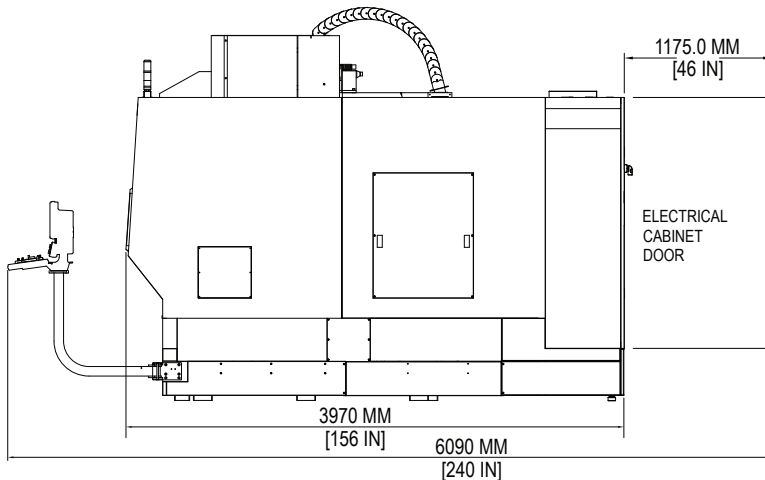
VTXU's large work envelope

*This product is subject to the export control laws of the United States and/or other countries. Hurco complies fully with the export control laws and regulations of the United States and the jurisdictions in which it does business. In its standard configuration, this product includes control software capable of machining in three axes plus positioning in two separate axes ("three plus two") and/or multi-sided five-axis machining. This product is capable of simultaneous contouring in five axes only with the addition of supplemental software subject to separate approval.

800.634.2416 info@hurco.com Find more product information and specifications at www.hurco.com
Machines shown with options. Prices and information may change without notice. 8.10

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VTXU



Shipping Dimensions, inches (mm) 92.9" x 166" x 111.00" (2,460 x 4,217 x 2,820)

Service Requirements

Power Required 60 KVA (full load)
 Voltage Required 200-240 VAC / 50-60 Hz
 Air Required 5 CFM @ 80-100 psi (0.14 M³ / min @ 6-8 bar)

Hardware Features/Options

Coolant / Chip Removal

- Chip Conveyor
- Coolant Ring
- Coolant Screen System
- High Pressure CTS
- Spindle Coolant Nozzle
- Telescopic Way Covers
- Top Dome
- Wash Down Gun and Air Gun
- Wash Down System

Spindle / Motor

- High Speed Servo Systems
- Low Air Pressure Switch
- Motor Brake in Z-Axis
- Spindle Chiller

Tooling / Accessories

- Part and Tool Probing
- Rotary tables

Frame / Cabinet

- Air Conditioner
- Door Interlock
- Dual Work Lights
- Easy Access Side Door with Latch
- Fully Contained Tool Storage
- Linear Glass Scales (X, Y, Z)
- Linear Rails
- Lube Oil Separator
- Power Cabinet Heat Exchanger
- Solid One Piece High-Grade Cast Iron Bed

WinMax Software/Automation Packages

- Advanced Verification Graphics with 3D Solid Rendering
- Swept Surface with 3D Mold
- NC/Conversational Merge
- SelectSurface Finish Quality (SFQ)
- Tool Center Point Management
- Tool and Material Library
- UltiPocket with Helical Ramp Entry
- DXF Transfer
- Tool Probing
- Part Probing
- Industry Standard NC (ISNC)
- NC Productivity Package (NCP)
- WinMax Desktop
- UltiNet LAN Interface
- Universal Rotary
- UltiMotion
- Slots

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