

DCX22

Dual column design promotes thermal stability.



The fixed rail bridge design of the DCX22 yields a 2-meter machine with more than 1.75 meters in Y. It is perfect for large dies, molds, aerospace parts, and parts for the energy sector. Additionally, the dynamic behavior of the dual column design is often considered to be superior to a gantry design or C-frame design.

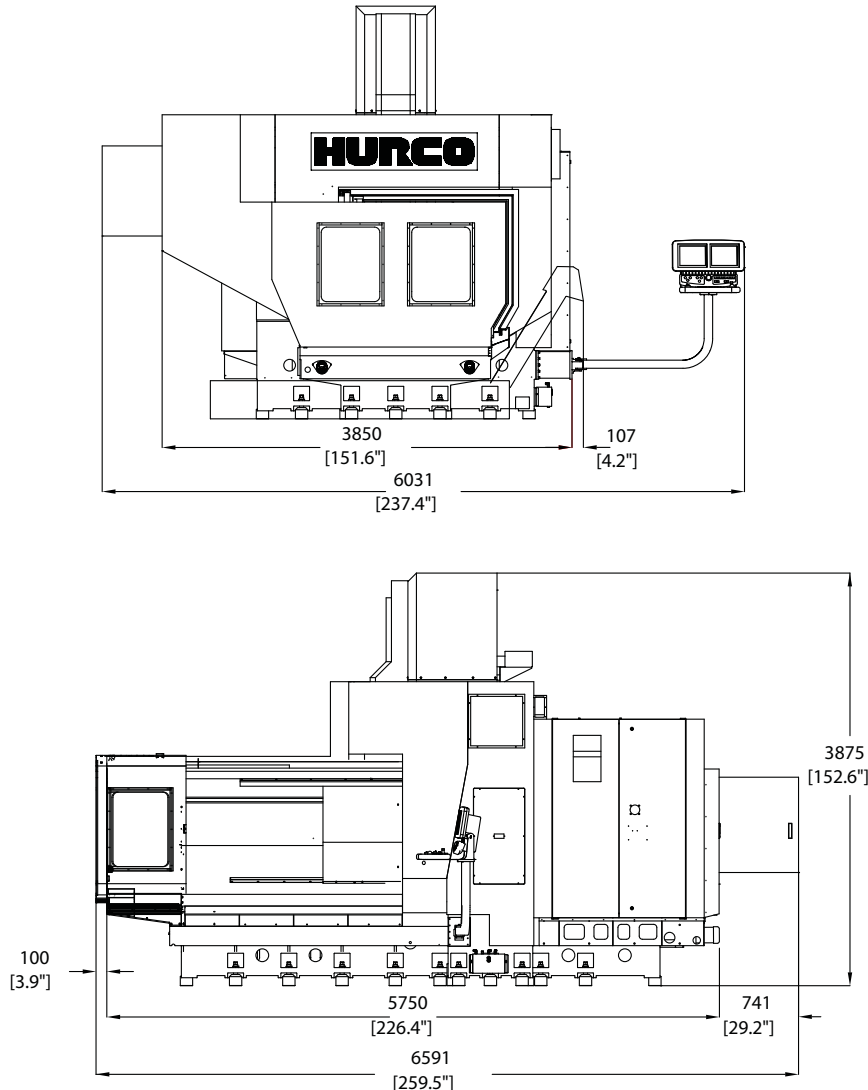
DCX22			
X, Y, Z Axis Travel, inches (mm)		86.6 x 66.9 x 29.5 (2,200 x 1,700 x 750)	
Table Size, inches (mm)		82.6 x 63 (2,100 x 1,600)	
Max Weight On Table, lbs (Kg)		13,220 (6,000)	17,600 (8,000)
Peak Spindle Motor, hp (Kw)		24 (18)	35 (26)
Max Spindle Motor Torque ft lbs (Nm) @ rpm	6k	N/A	410 (555) @ 458
	8k	252 (341) @ 500	N/A
	10k	210 (285) @ 600	N/A
	15k	140 (190) @ 900	N/A
Rapid Traverse X, Y, Z Axis, inches (M) / min		945 (24)	X, Y / Z 591 / 472 (15 / 12)
Number of Tools Standard		40 CAT (BT) 40	40 CAT (BT) 50
Positioning, inches (mm)		±0.0004 (0.005)	
Repeatability, inches (mm)		±0.0002 (0.0025)	
Machine Weight, lbs (Kg)		44,000 (20,000)	48,400 (22,000)

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

Best in class features

- Quality construction and premium components.
- Design promotes thermal stability.
- Rigid frame made of high grade, cast iron and tested with both Dynamic and Static Finite Element Analysis.
- Superior to C-frame design for manufacturing large parts.
- Hurco products are UL, CSA, NFPA 79 independently certified, with CE certification optional.

DCX22



Shipping Dimensions, inches (mm) 252.0" x 161.4" x 162.6" (6,401 x 4,100 x 4,130)

Service Requirements

Power Required 40 taper: 43 KVA (full load) / 50 taper: 50 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 Screen System
- Flood Coolant
- High Pressure CTS
- Telescopic Way Covers
- Top Dome
- Wash Down Gun and Air Gun
- Wash Down System

Spindle / Motor

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

Tooling / Accessories

- Tooling and Vises
- Trunnion Tables
- Rotary Tables

Frame / Cabinet

- Air Conditioner
- Door Interlock
- Dual Work Lights
- E-Stop Button on Control Head
- 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
- 4th Axis Rotary Wrap
- UltiPocket with Helical Ramp Entry
- DXF Transfer
- Tool Probing
- Part Probing
- Industry Standard NC (ISNC)
- NC Productivity Package (NCP)
- WinMax Desktop
- UltiNet LAN Interface