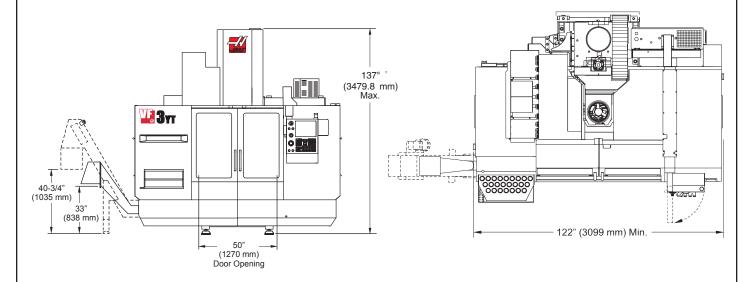
Standard Too I Changer:

20 Station Umbrella Tool Changer

30+1 Station Side-Mount Tool Changer

50+1 Station Side-Mount Tool Changer

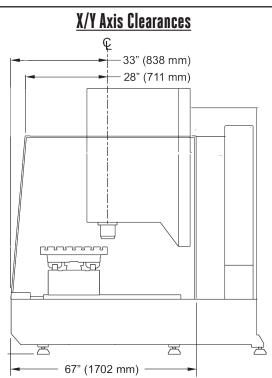
Operating Dimensions



Option: Multi-Auger Chip Conveyor

Minimum distance required to remove conveyor from mill is 85in (2159mm) without folding the conveyor.

Minimum distance required to remove conveyor is 50in (1270mm) when the conveyor is folded at 90 degrees and folded down as if removed.

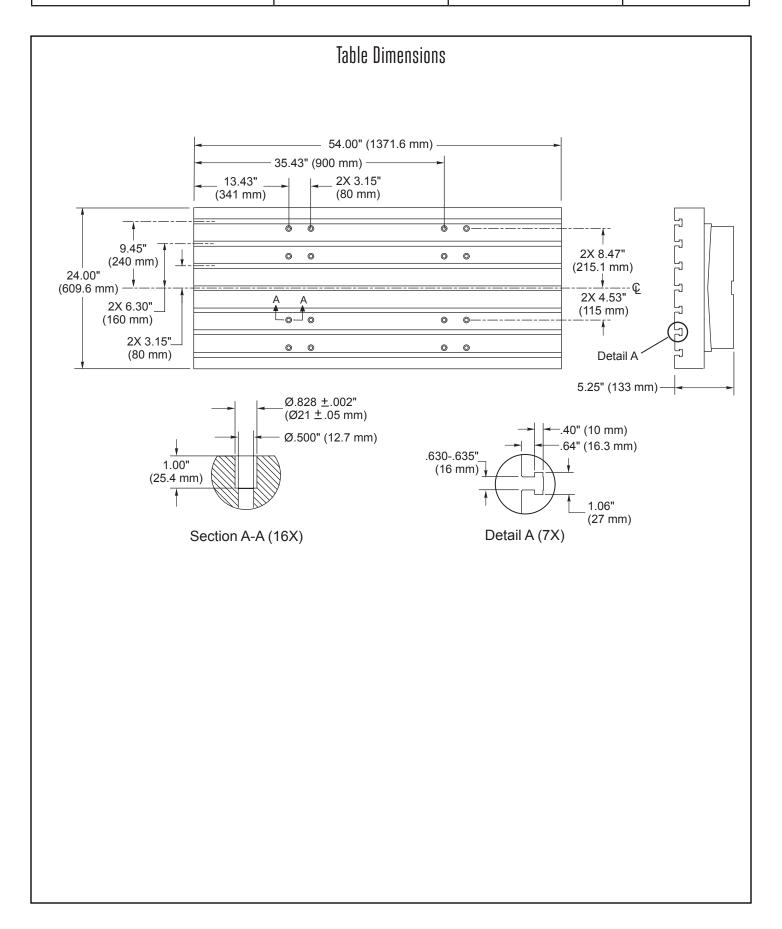


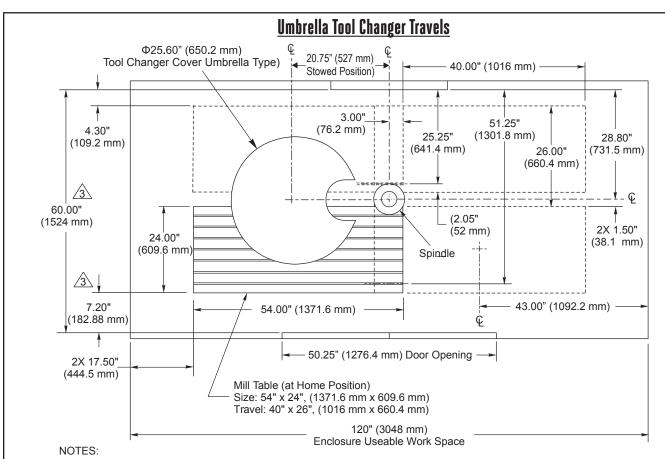
- 1. The table shown is at XY home, the dashed is the table at max XY travels.
- 2. Measurements are from the edge of the table to the nearest obstruction.
- 3. Dimensions shown are at the top of the table. Dimensions are reduced as the height increased (5 degree slope inside the sheet metal).
- 4. Dimensions are symmetrical unless otherwise stated.

Z Axis Clearances Tool Changer Cove (Umbrella Type) Travel Tool Change 25.00" (635 mm) 32.90" (836 mm) Mill Table (at Home Position) Size: 52" x 23", (1321 mm x 584 mm) — Travel: 40" x 26", (1016 mm x 660.4 mm) 22,00 (558.8 mm) 2X 17.00' 120" (3048 mm) Enclosure Useable Work Space 8.00" (203 mm) -Programmable Coolant 5.00" (127 mm) Ф7.90* (200.6) Spindle Distance between Cartridge and Table at max. X-axis travel is .95" (24 mm). - 3.00" (76.2 mm) DETAIL A Notes:

Notes:

- 1. The low-provile tables are 3 in(76mm) lower than the standard table.
- 2. P-COOL dimension varies based on P-COOL position.
- 3. Refer to the page on Tool Changer Dimensions for tool changer heights.





- 1. Table position(s) at max. X & Y travels.
- 2. Measurements are from the edge of mill table to nearest obstruction (i.e., enclosure, way cover, doors, etc.).
- Dimensions are reduced as height above table increases; i.e., Front of enclosure is sloped 5" inward from bottom to top. Dimensions are shown at table top height.

Note:

The Umbrella Tool Changer moves in towards the spindle to do a tool change.