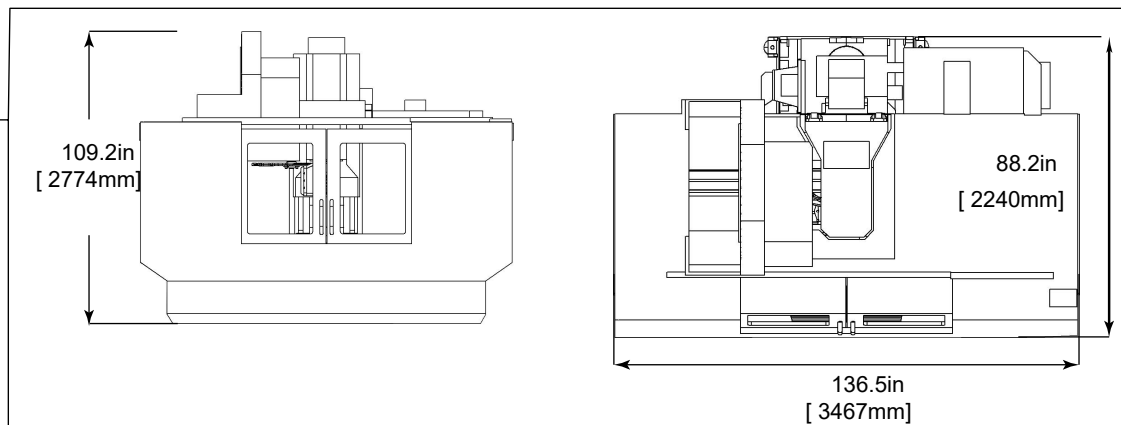
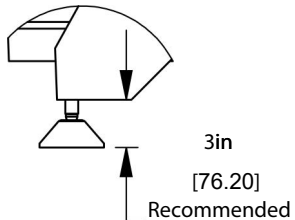
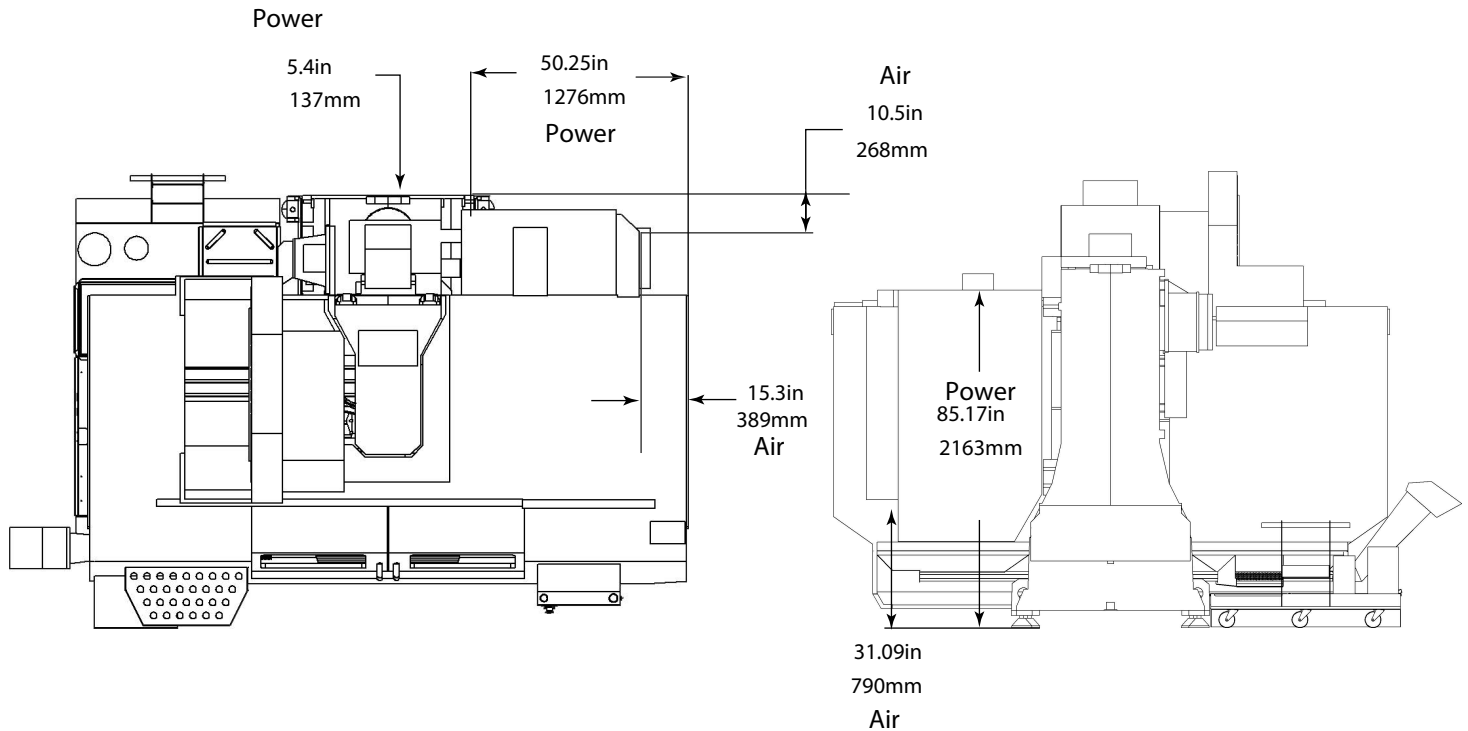


Shipping Dimensions



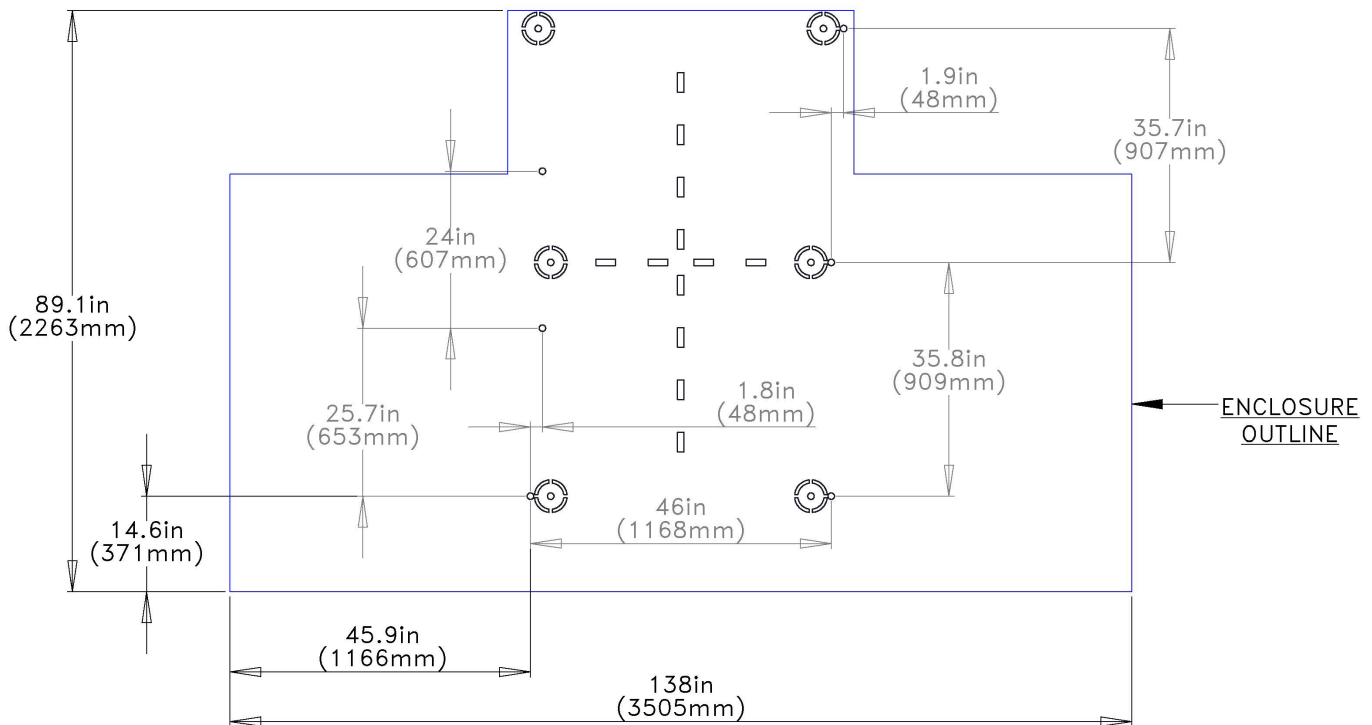
Air & Power



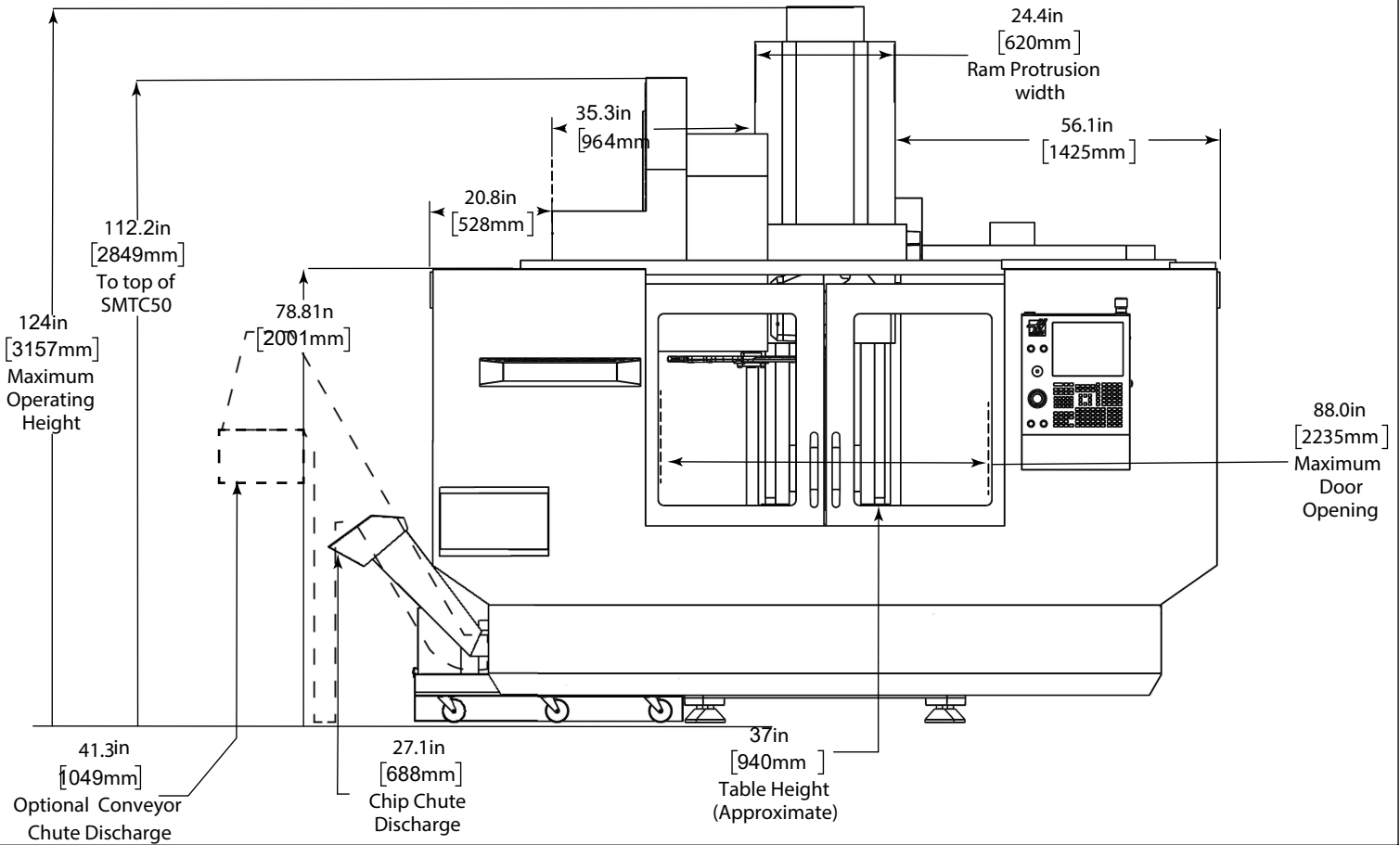
Anchor Detail

Anchor Pattern

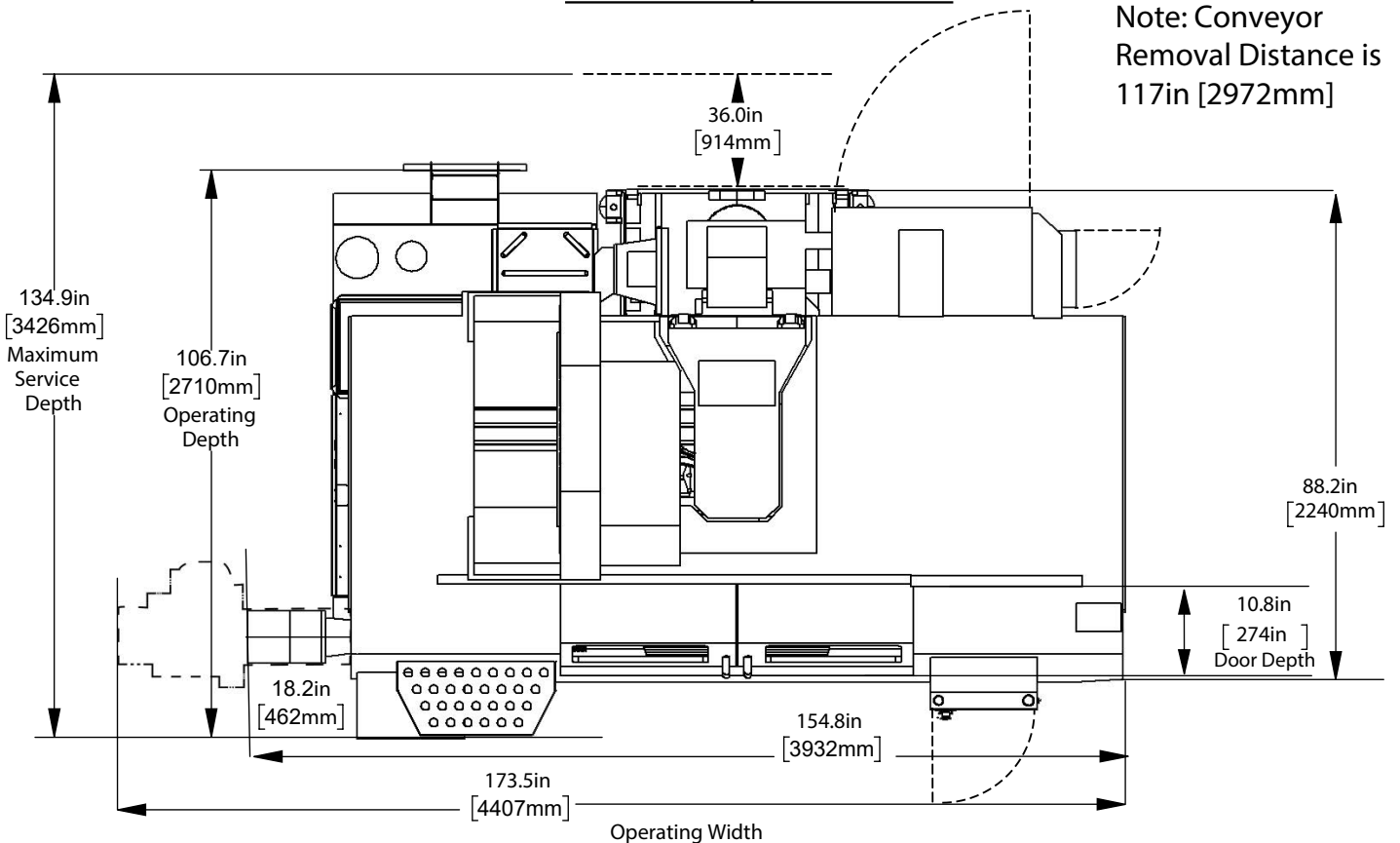
- Ø .625in [16mm]
- 2.0in [51mm]
- ▽ 2.25in [57mm]



Height Breakdown



Width and Depth Breakdown

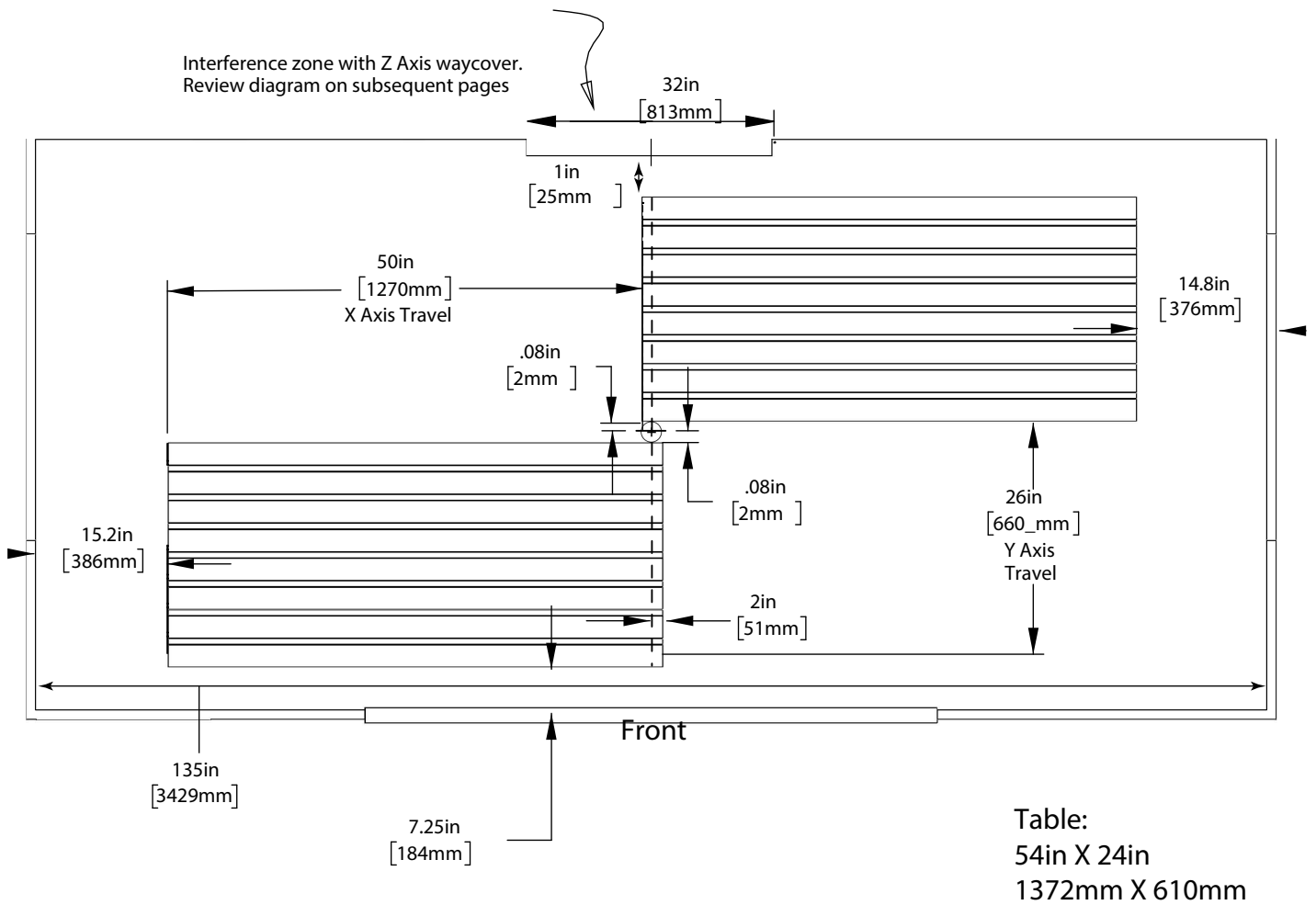


Maintain 3 feet [915mm] clearance to the nearest obstruction around all sides of machine perimeter for maintenance access

All dimensions based on stackup of sheetmetal, subject to variation of 1/2" ( 13mm)

Specifications subject to change at any time without notice

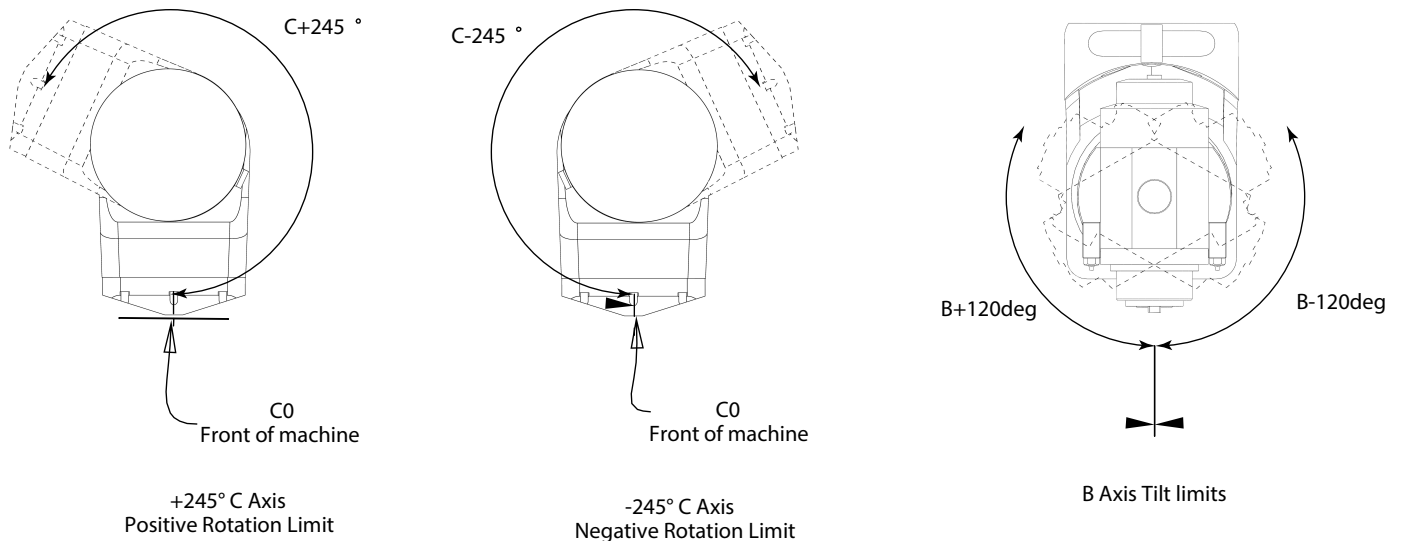
X & Y-Axis Travel at B0



Top View STD Spindle Shown

B & C axis Travel

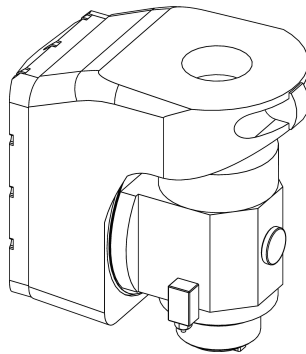
Side View



All dimensions based on stackup of sheetmetal, subject to variation of 1/2" ( 13 mm)

Isometric view of B & C Axis gimbal heads for visual reference

**Gimbal**  
Single Support



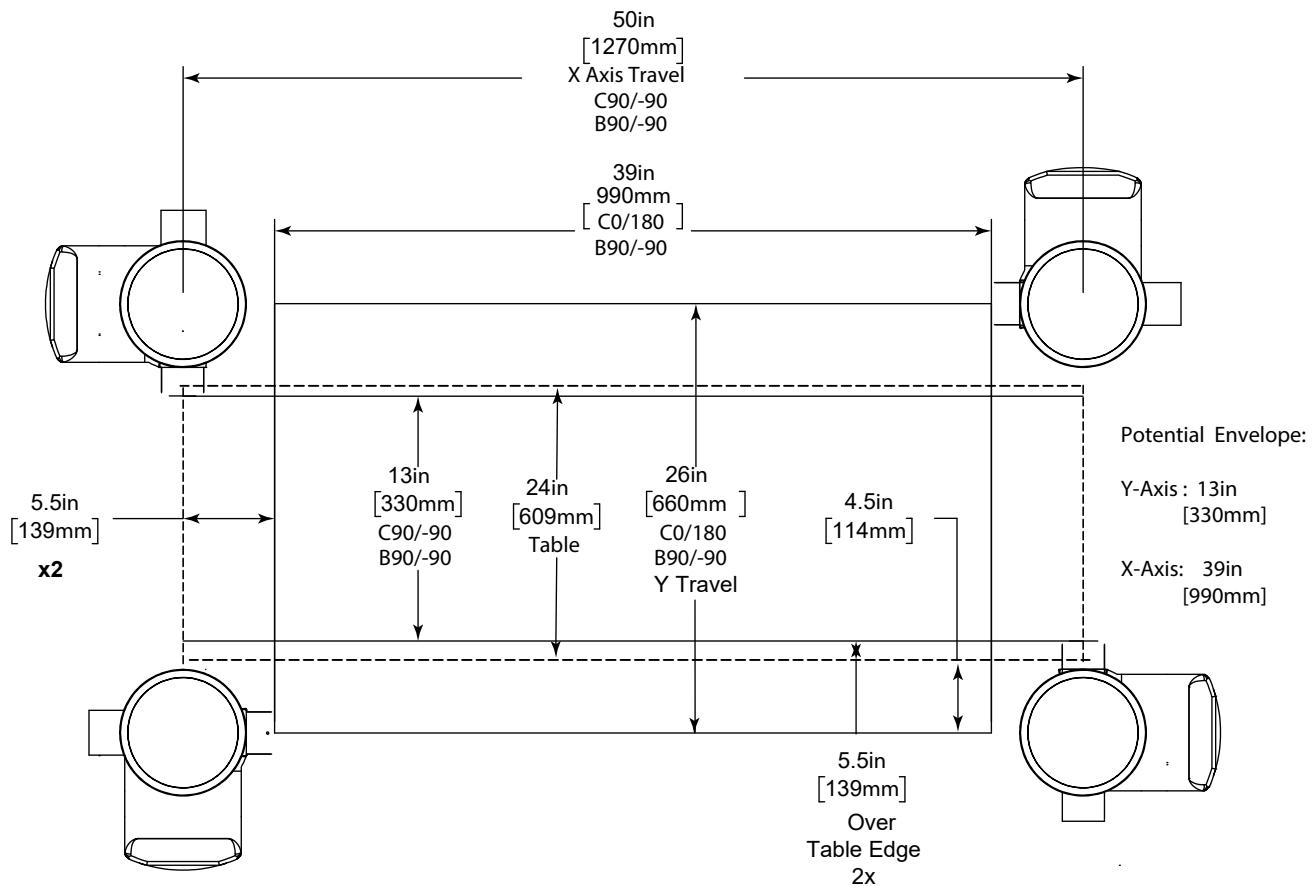
X&Y-Axis Clearance at B90 with C at 0, 90, and 180

**Notes -**

The schematic above shows the B90° work envelope with no tool in the spindle.

Depending on the part size and how many faces require machining, the part may need to be centered or offset to one side of the table.

Subtract (the longest tool length required on each side of the part) + (clearance) from the travels shown below to determine the maximum size workpiece based on your tooling requirements

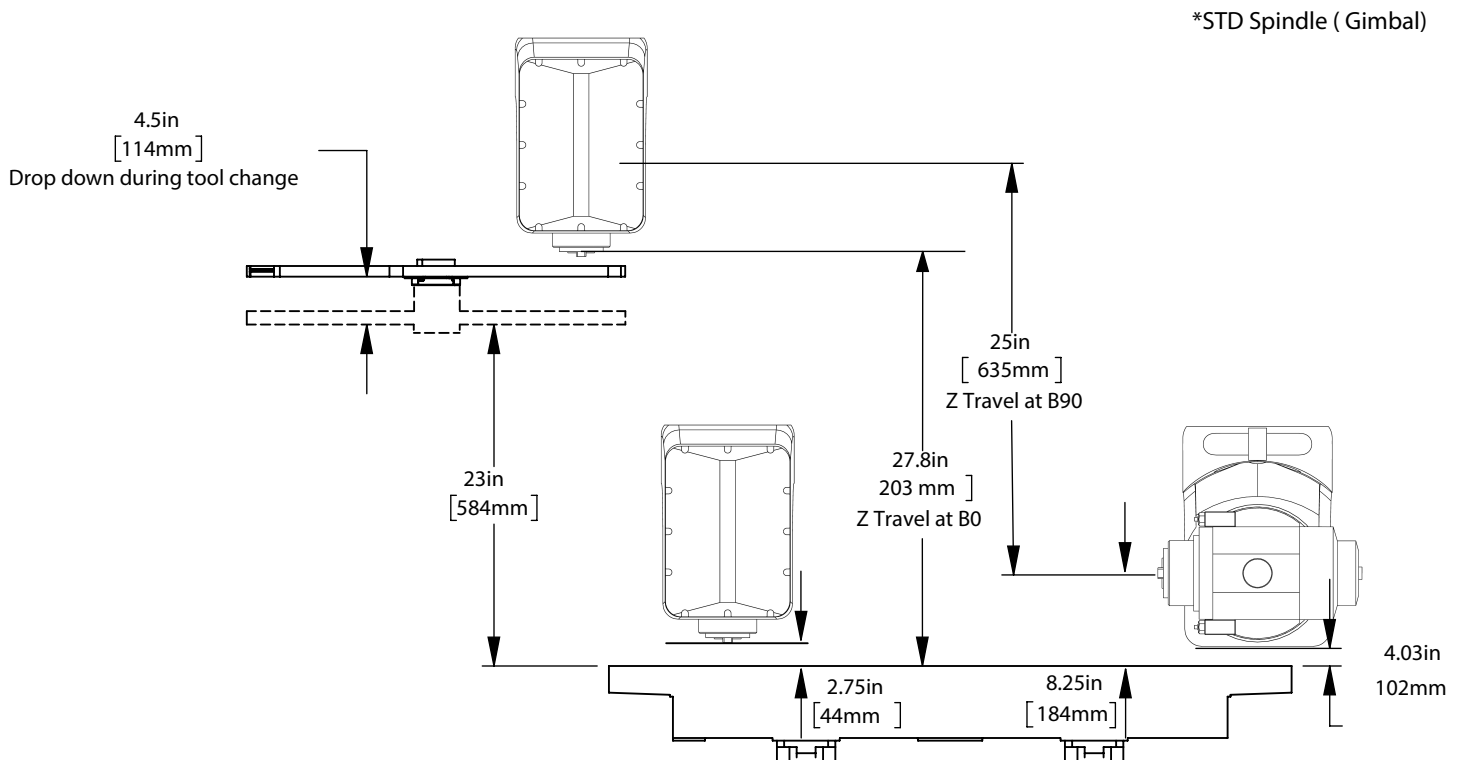


Table



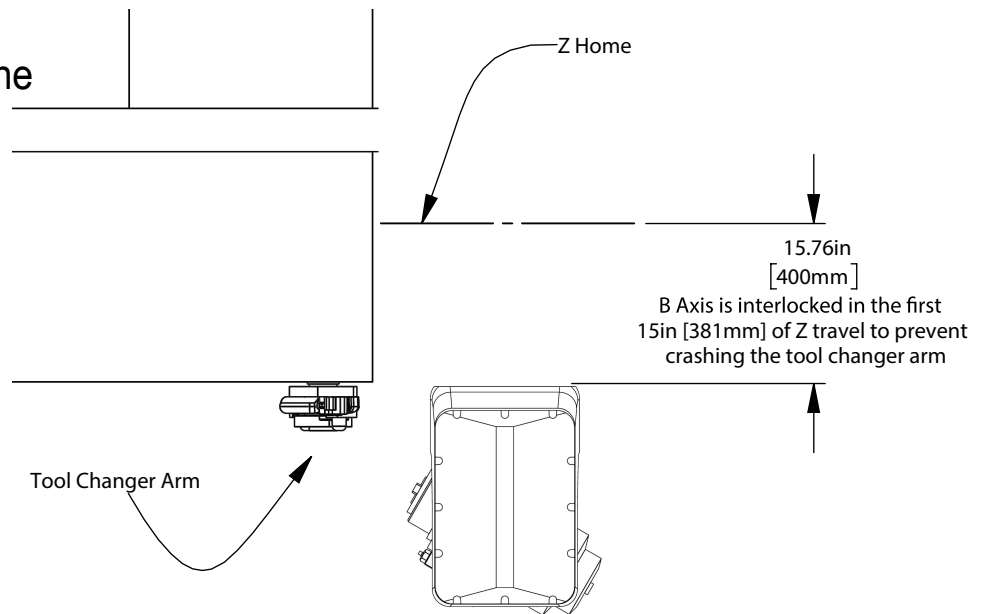
Slot Size	A	B	C	D	E	F
16mm	0.628±0.002	1.06±0.02	0.640±0.010	0.420±0.010	0.06x45°	0.020x45°

Tool Changer and Z Travel



Note: Spindle must be Empty before Power-up/ Restart is performed or the B-Axis may crash the tool changer

## Interference and Interlock zones

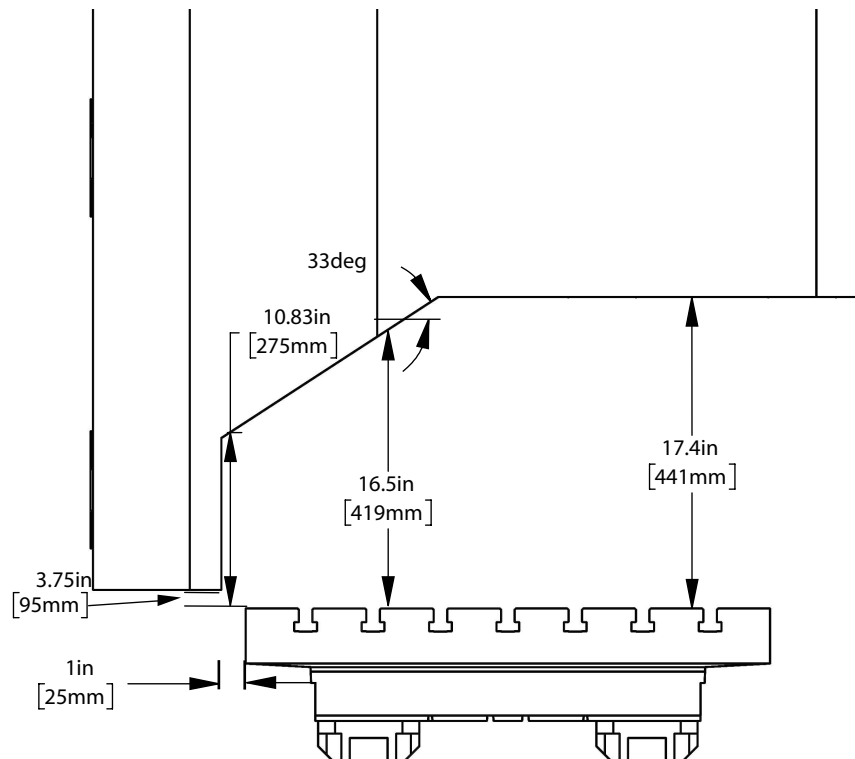


In addition to the tool changer interference zone, the machine has restricted zones between the gimbal head and fixed machine elements

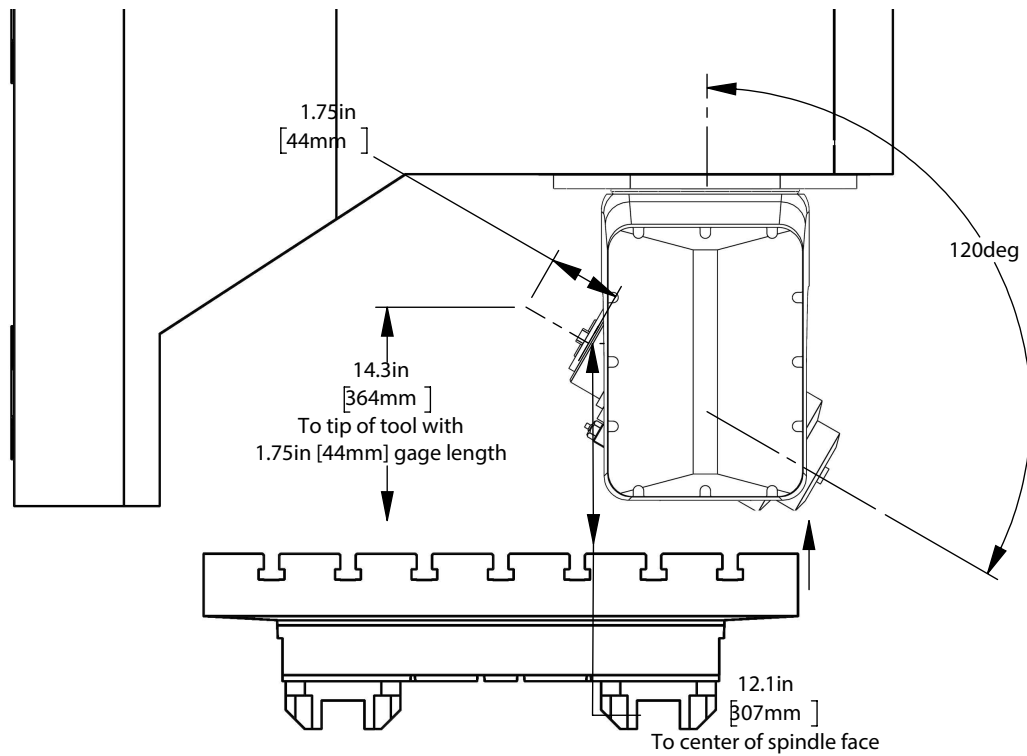
When Setting 408 = 1 the interference zones account for the tool length based on its Z geometry in the offset table

When Setting 408 = 0 the tool length is not considered in the interference zones

## Potential interference at maximum Z travel with Z axis casting



Minimum Z height to reach B120°



Gimbal Head Details

