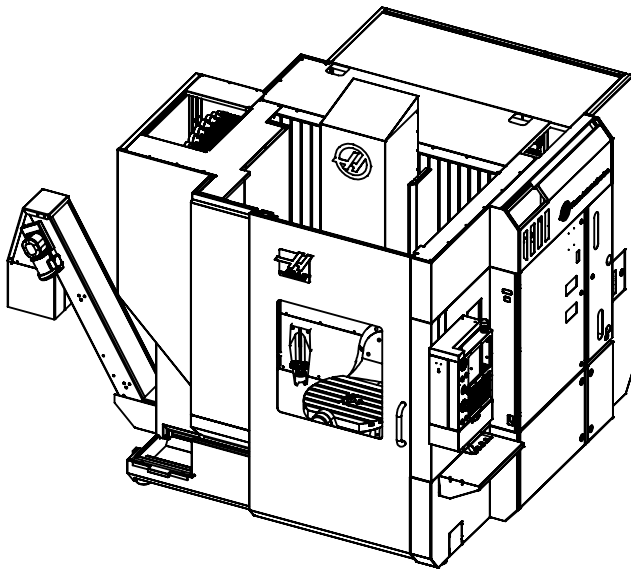
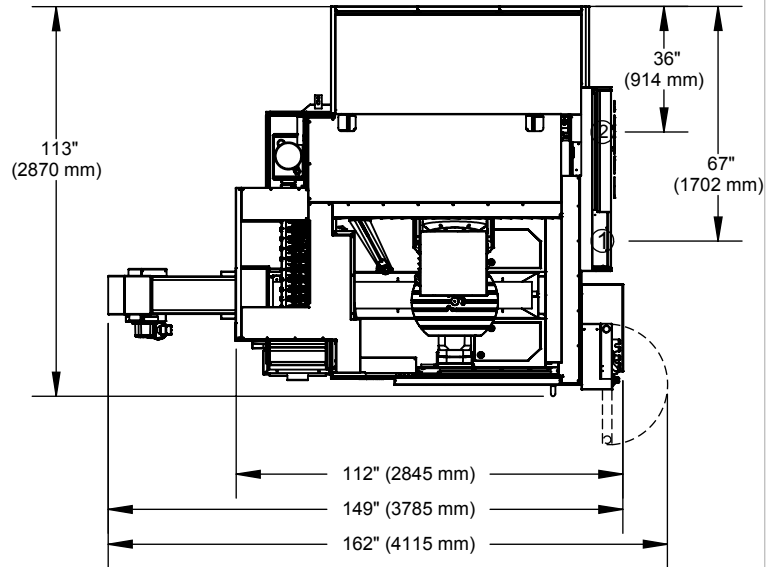


Machine Layout Drawing - UMC-750/SS/P



Standard Tool Changer: 40+1 Side-Mount
Optional Tool Changer: N/A

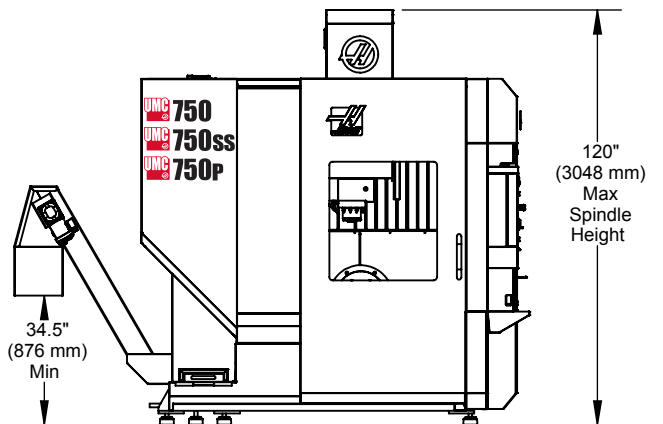
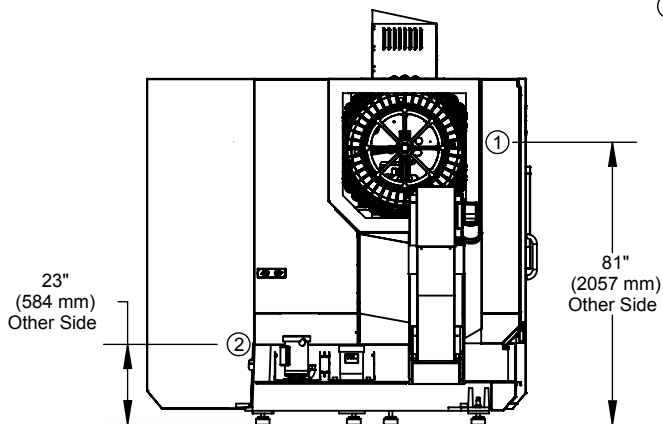
Note:
Minimum distance from wall required to install sheet metal: 19" (483 mm)



Note:
Minimum distance required to remove conveyor from mill 85" (2159 mm)

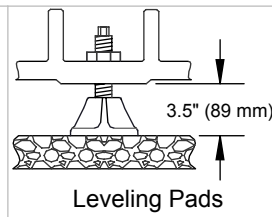
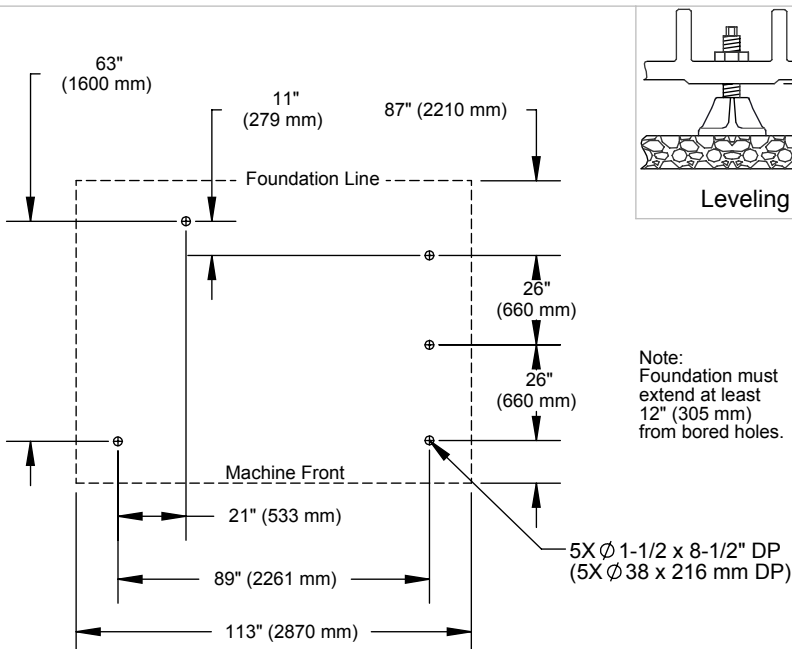
① Electrical Connection

② Air Connection

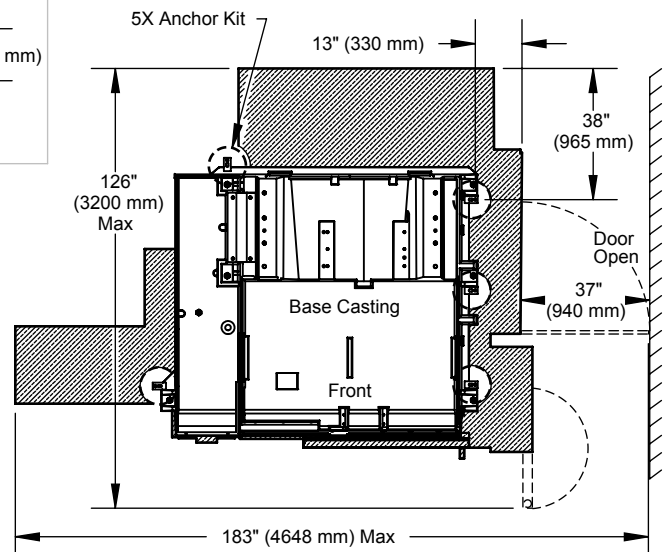


Note:
The base has an integrated coolant reservoir
The capacity is 75 gallons (284 L)

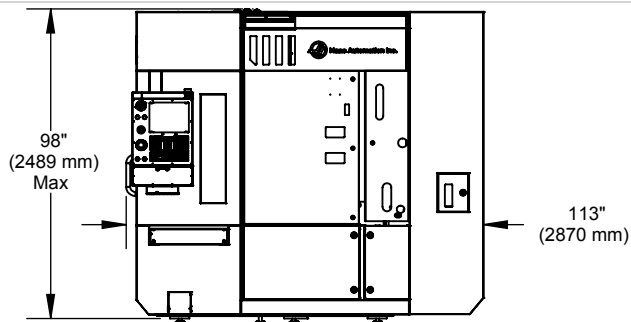
Operating Dimensions



Note:
Foundation must extend at least 12" (305 mm) from bored holes.

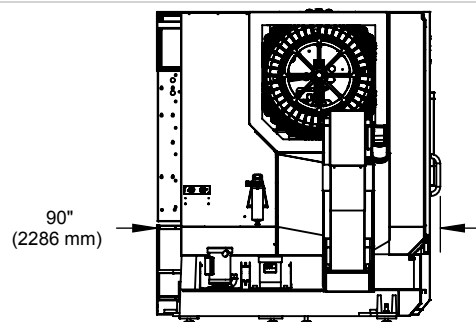


Anchor Pattern

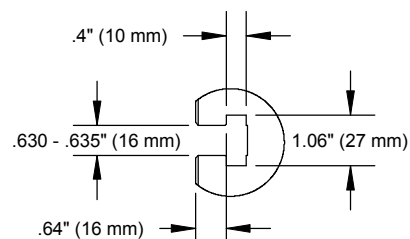
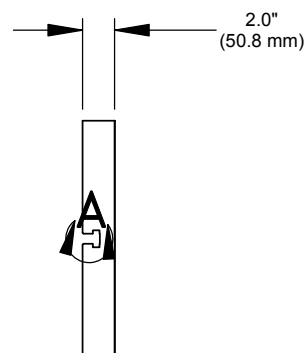
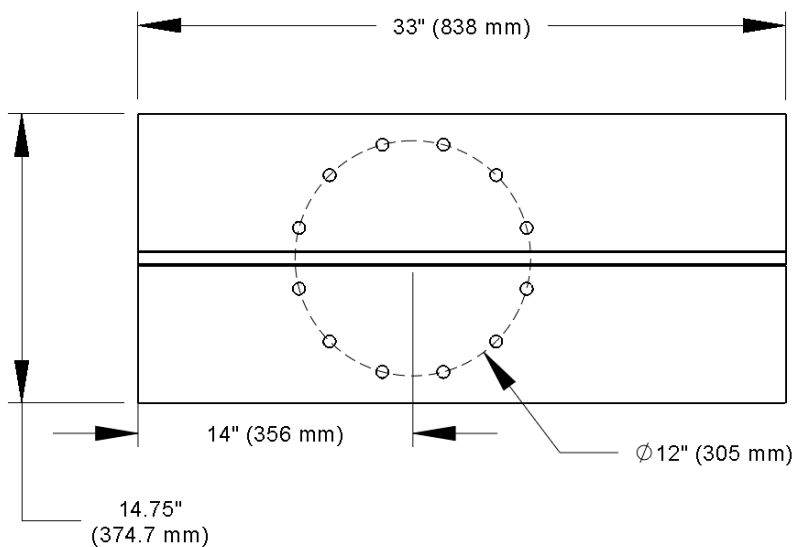


Spindle Head as Shipped

Machine Clearance Dimensions

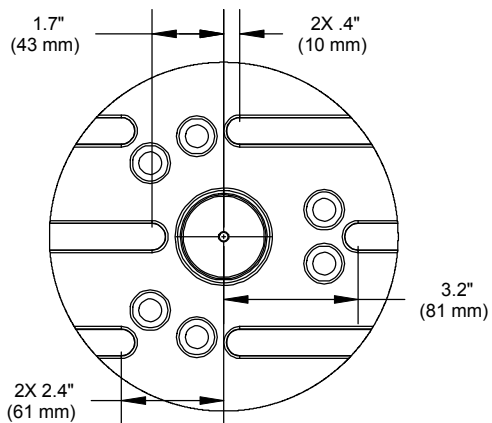


Rear sheet metal enclosure removed (For shipping)

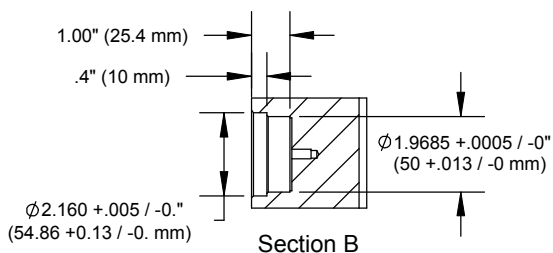
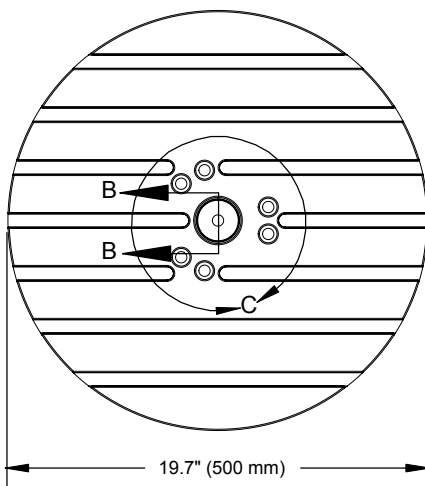


Detail A

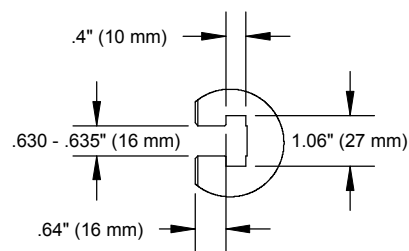
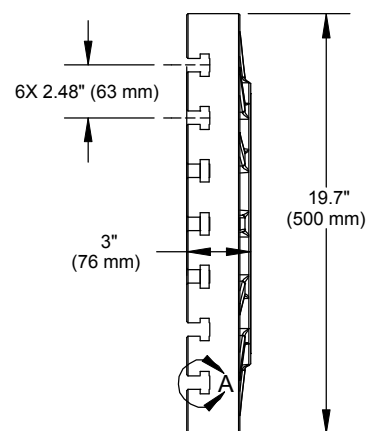
UMC-750P Table Dimensions



Detail C

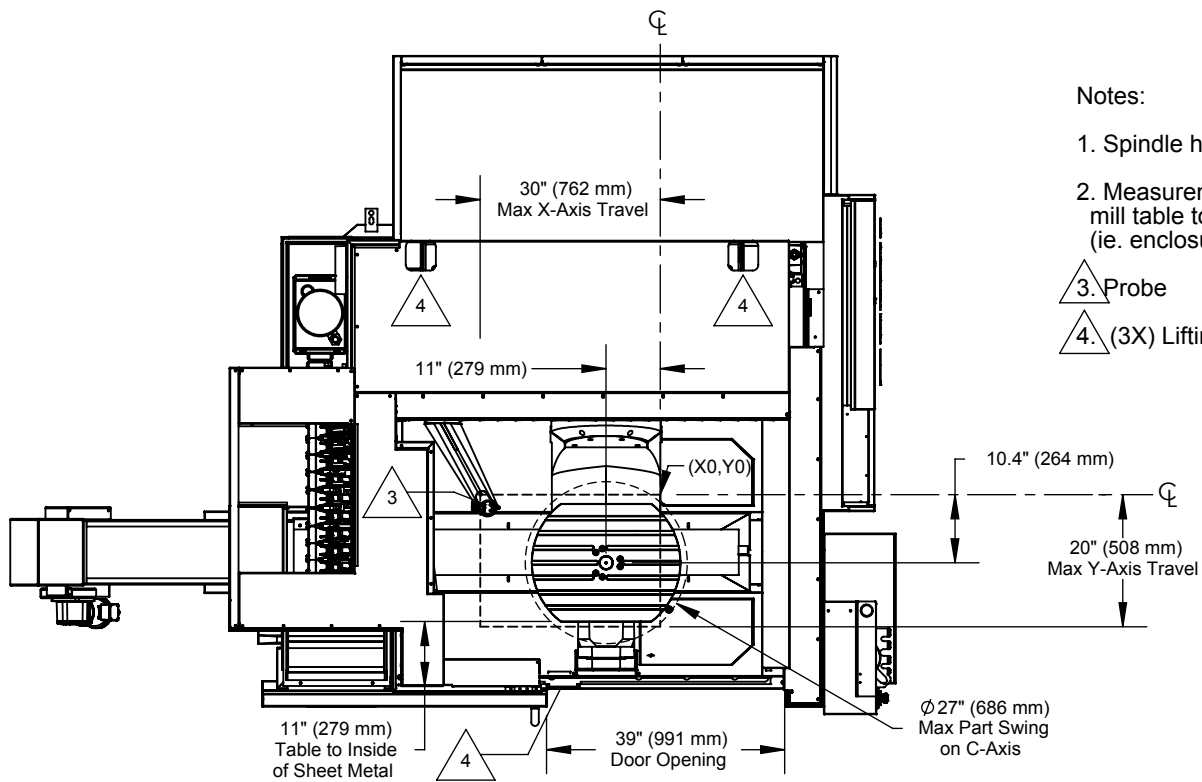


Section B



Detail A (7X)

UMC-750/SS Table Dimensions



Notes:

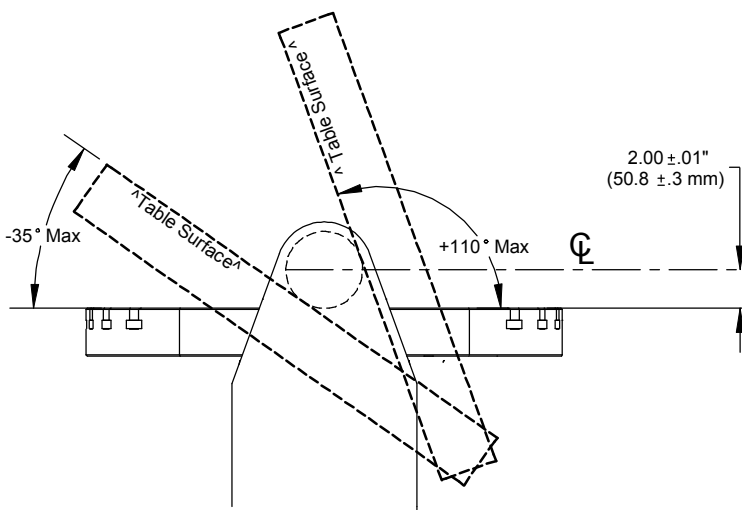
1. Spindle head at max X and Y travels.
2. Measurements are from the edge of mill table to nearest obstruction (ie. enclosure, door, etc.).

3. Probe

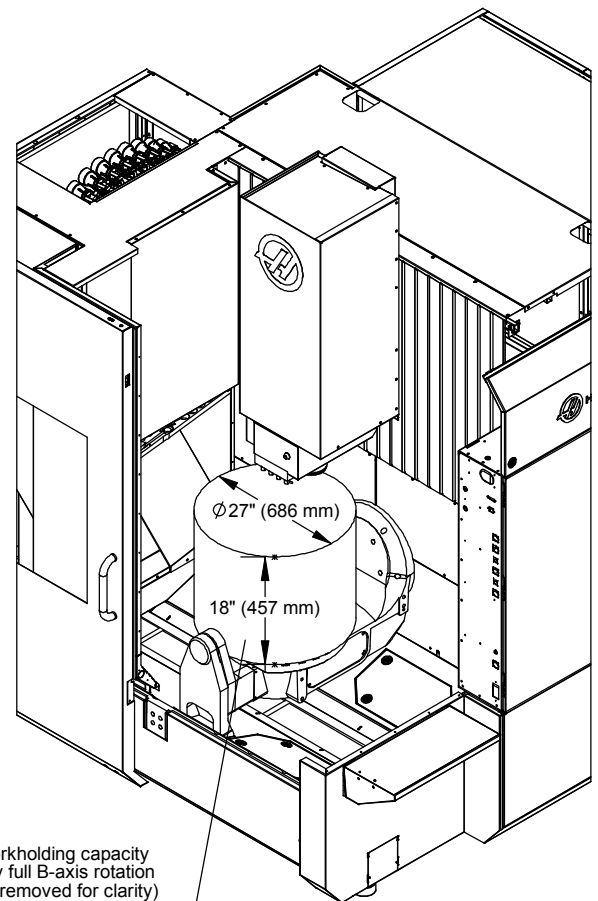
4. (3X) Lifting Points

Max Travels		
X	30 in	762 mm
Y	20 in	508 mm
Z	20 in	508 mm
B	-35, +110 deg	
C	360 deg	

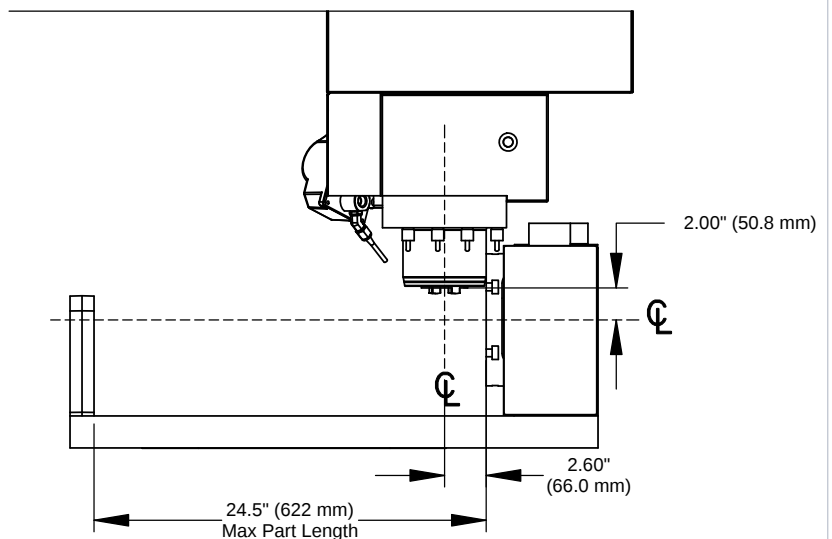
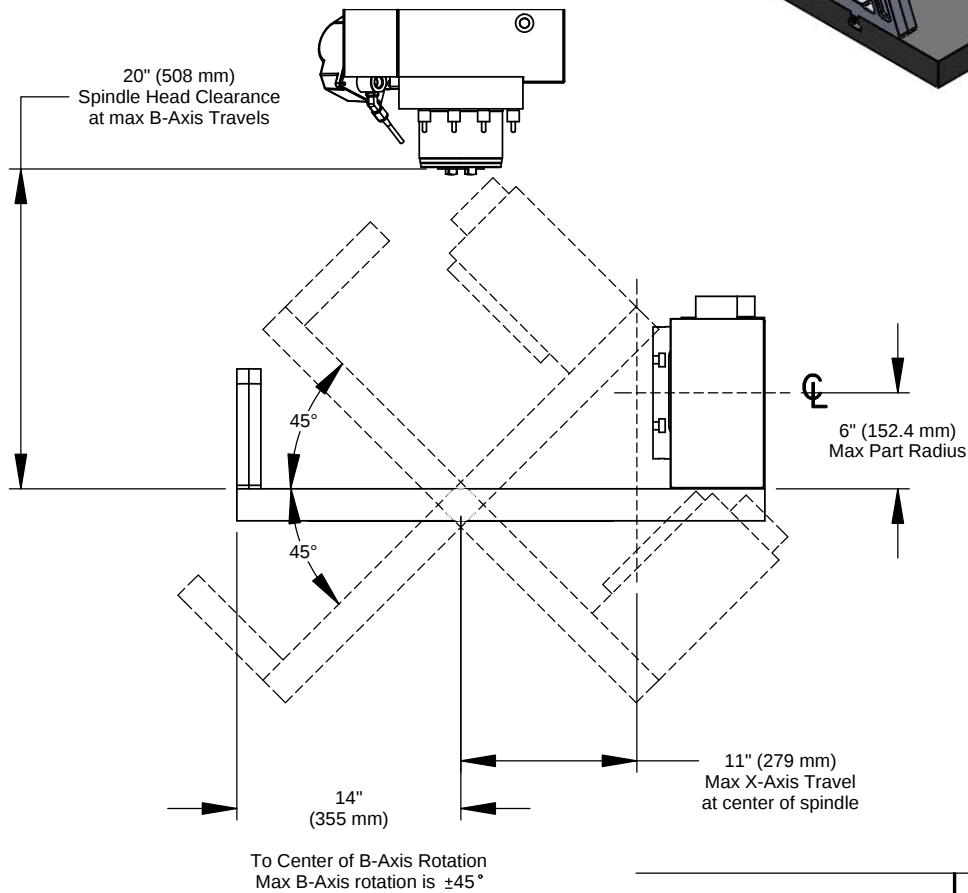
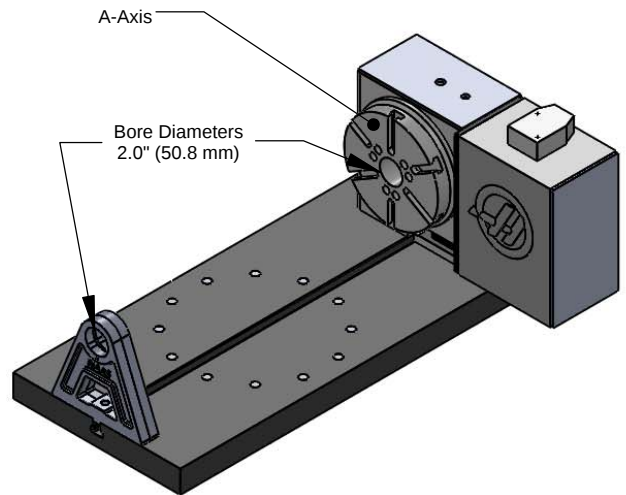
Machine Travels



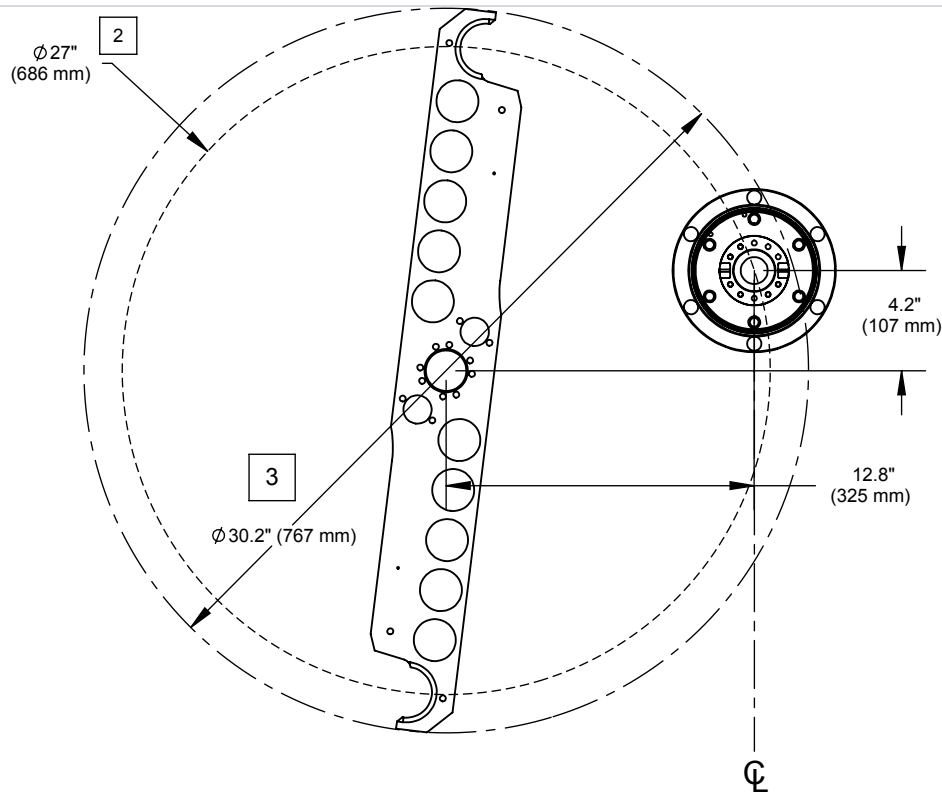
B-Axis Work Envelope



Enclosure Work Space



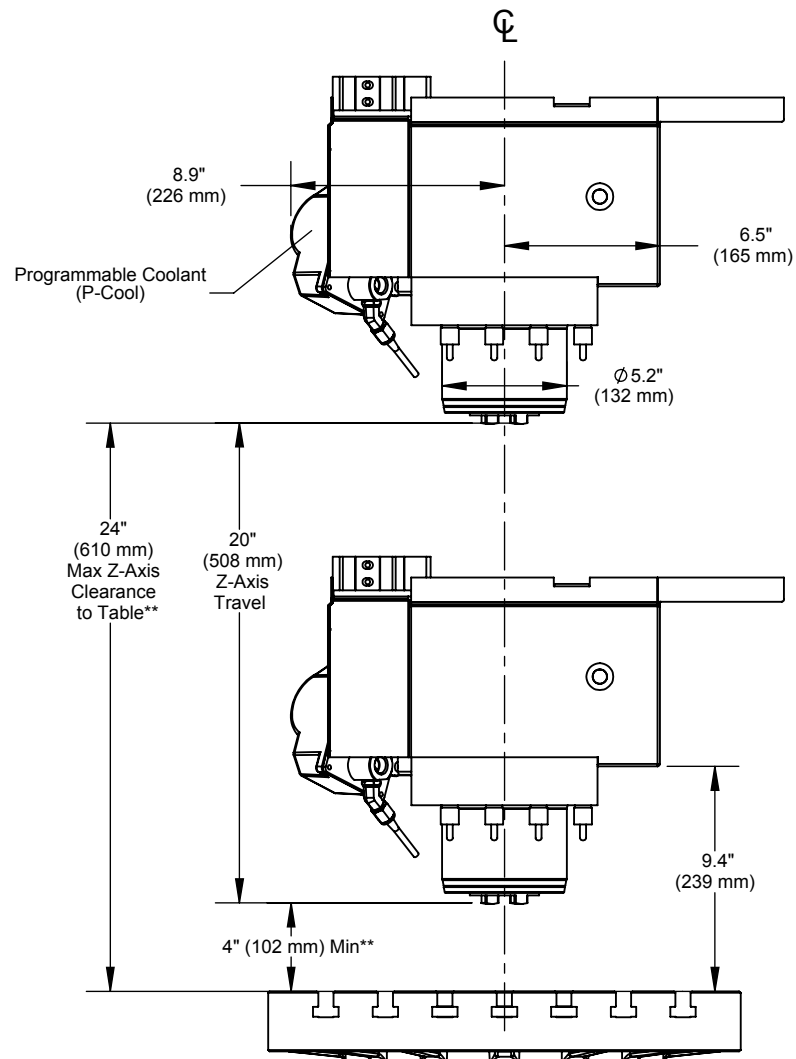
This view shows the spindle head clearance with a 2" (50.8 mm) long tool,
which is 3" (76.2 mm) above the minimum clearance



Notes:

1. Double arm swings down 4.5" (114 mm).
2. Double arm swing diameter.
3. Overall length of arm.

40 Taper 40+1 Side-Mount Tool Changer Double Arm Work Envelope



**The UMC-750P's table is 1" (25.4 mm) shorter than the standard table, clearance is 5-25" (127-635 mm)

Spindle Head Clearances