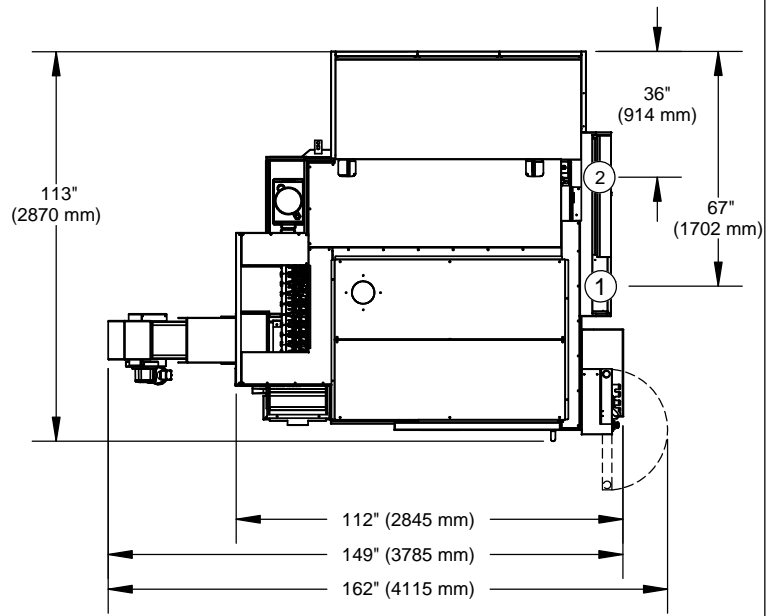
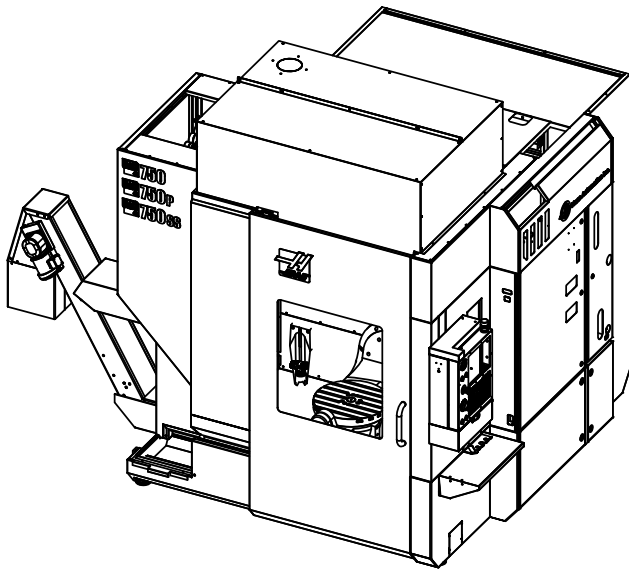
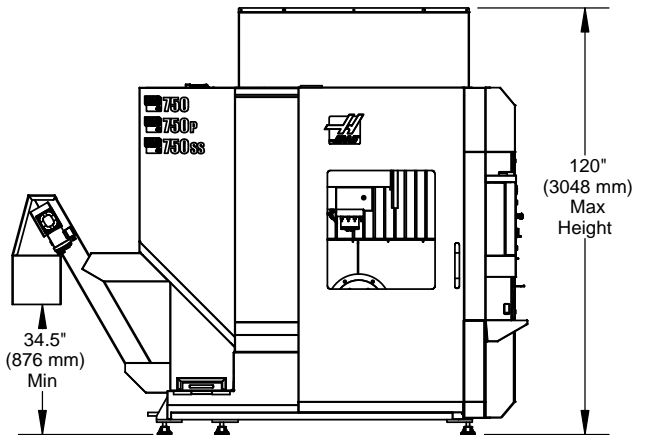
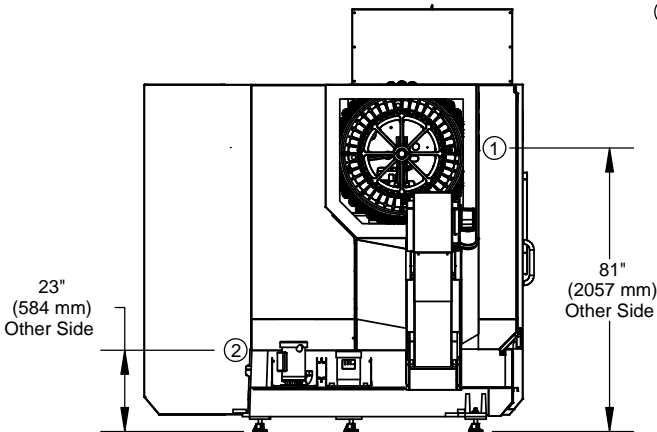


Machine Layout Drawing - UMC-750/SS/P



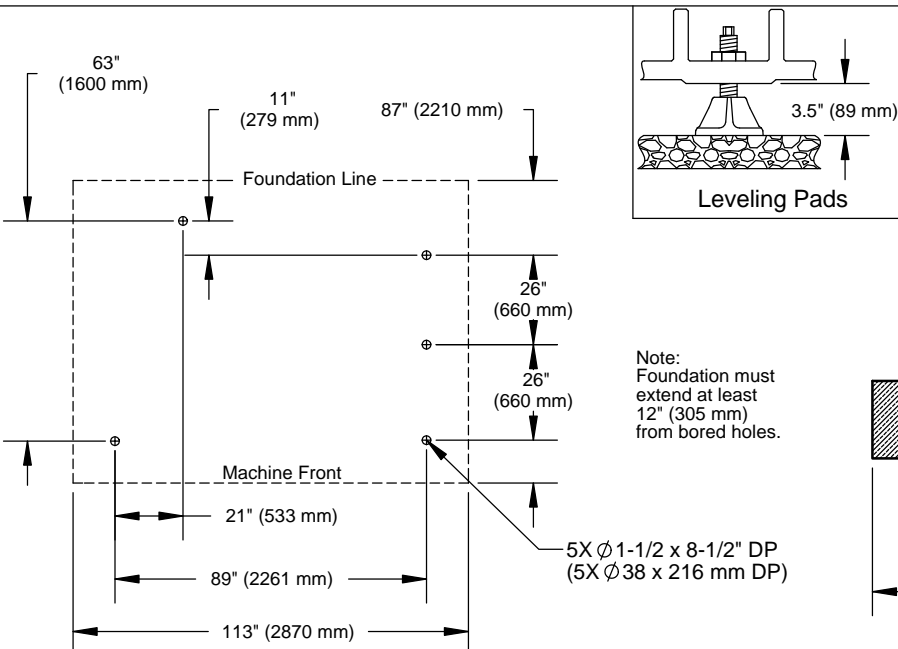
Note:
Minimum distance required to remove conveyor from mill 85" (2159 mm)

- ① Electrical Connection
- ② Air Connection

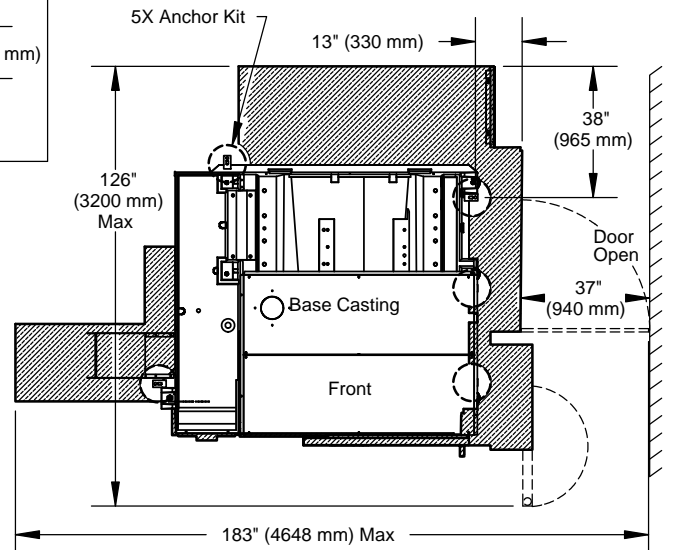


Operating Dimensions

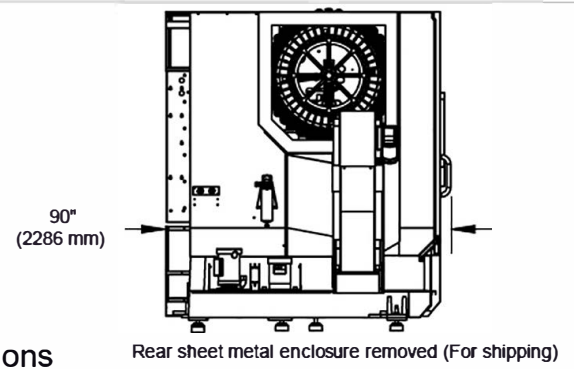
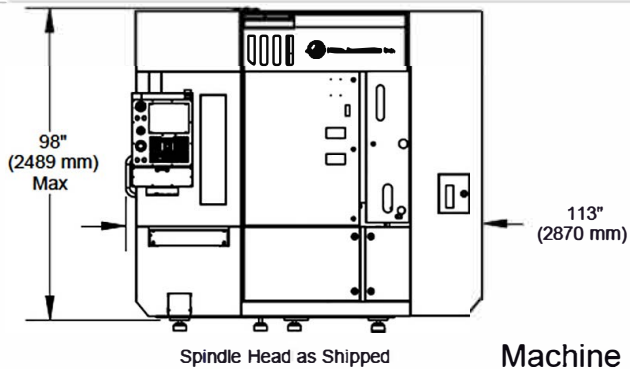
Note:
The roof is a standard feature as of Q1 2018



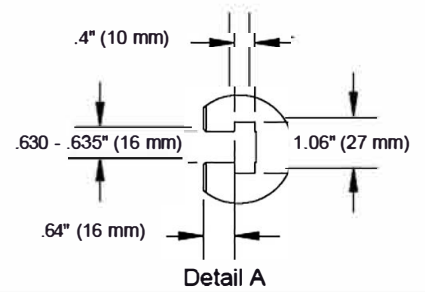
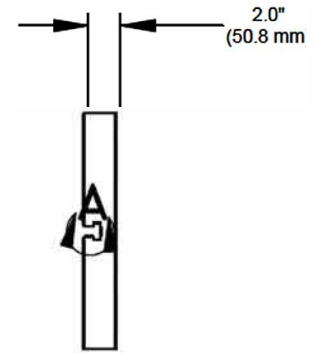
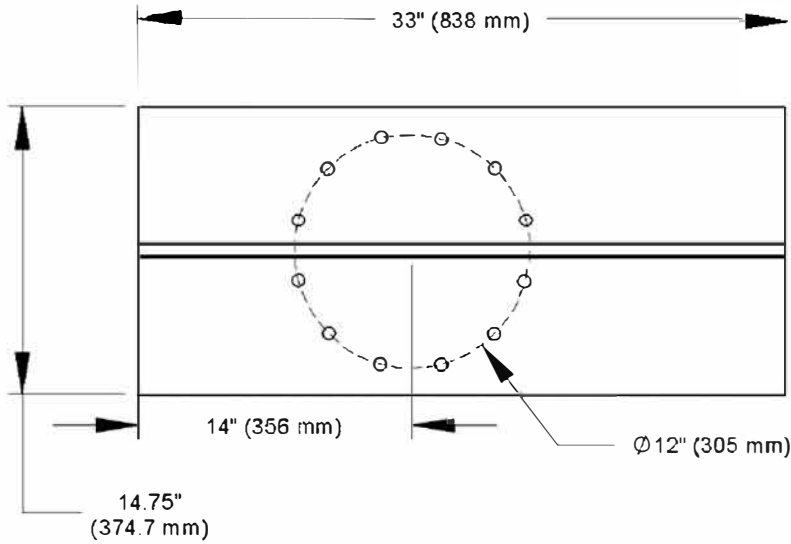
Note:
Foundation must extend at least 12" (305 mm) from bored holes.



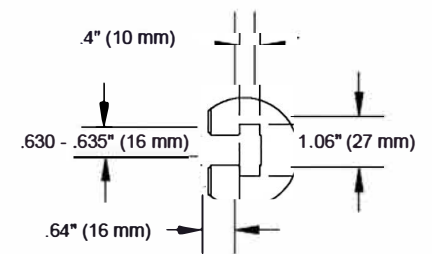
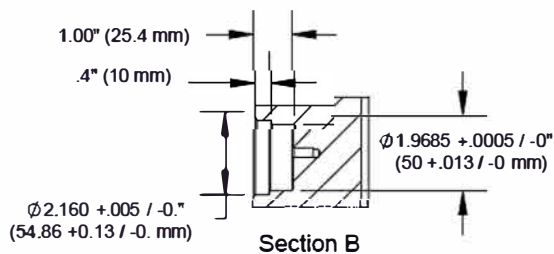
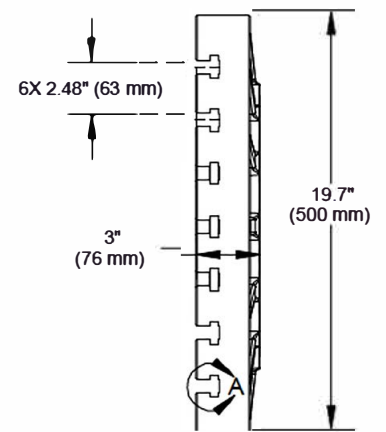
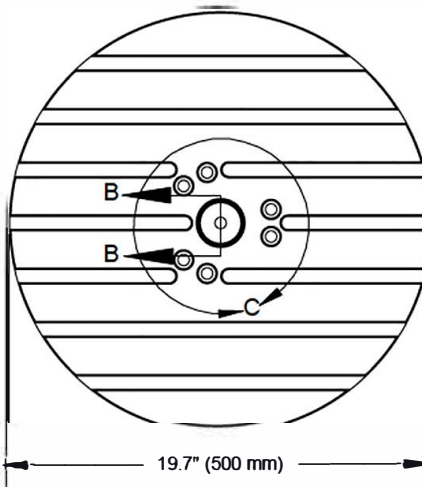
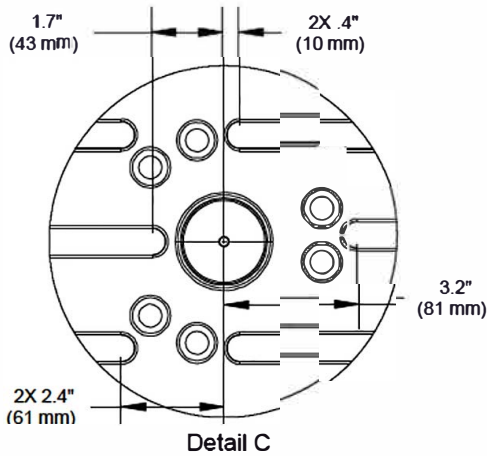
Anchor Pattern



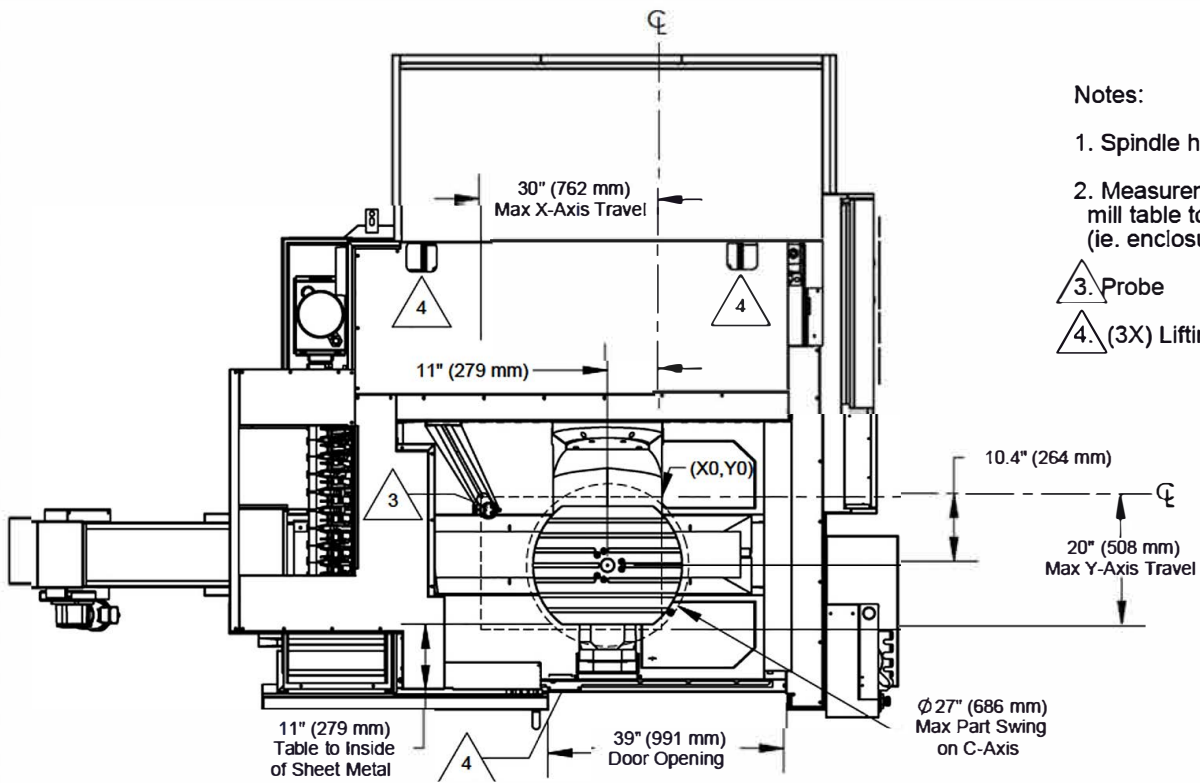
Machine Clearance Dimensions



UMC-750P Table Dimensions



UMC-750/SS Table Dimensions



Notes:

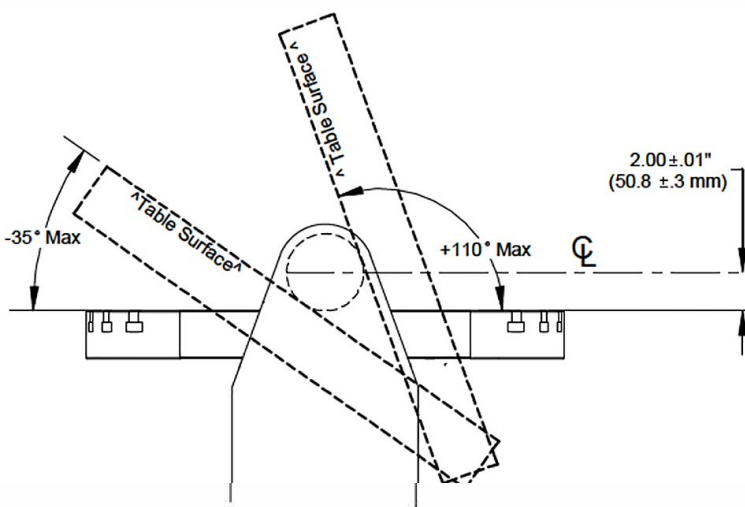
1. Spindle head at max X and Y travels.
2. Measurements are from the edge of mill table to nearest obstruction (ie. enclosure, door, etc.).

3. Probe

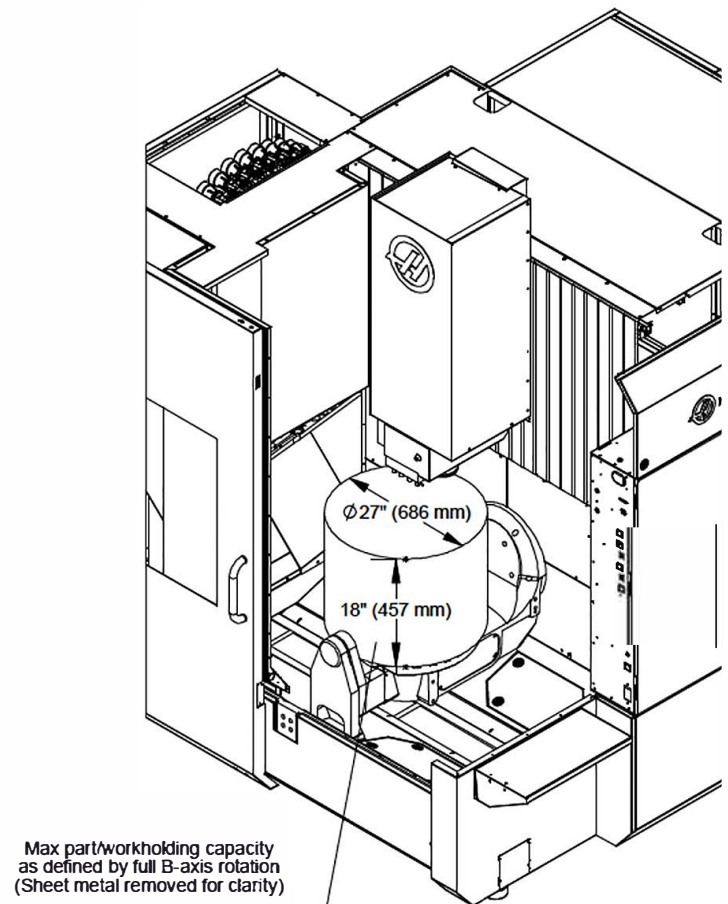
4. (3X) Lifting Points

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



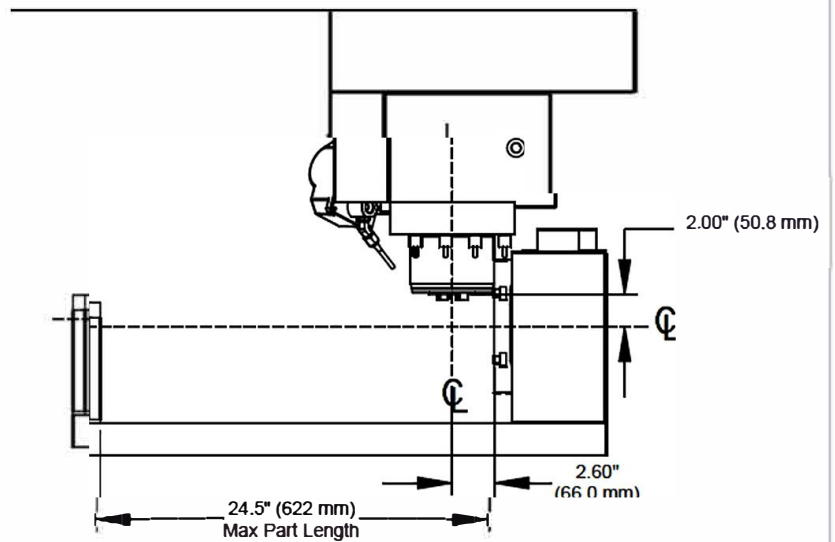
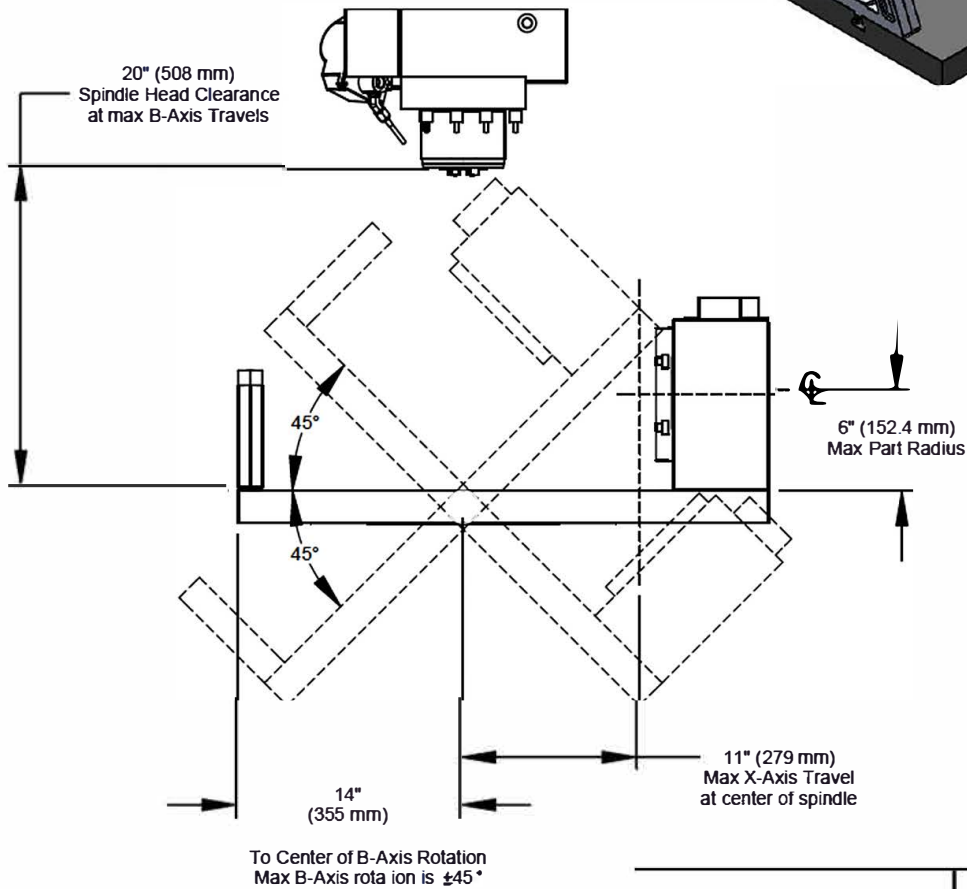
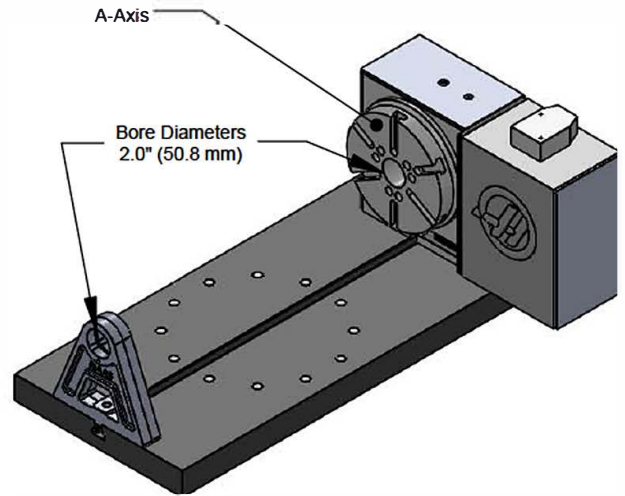
B-Axis Work Envelope



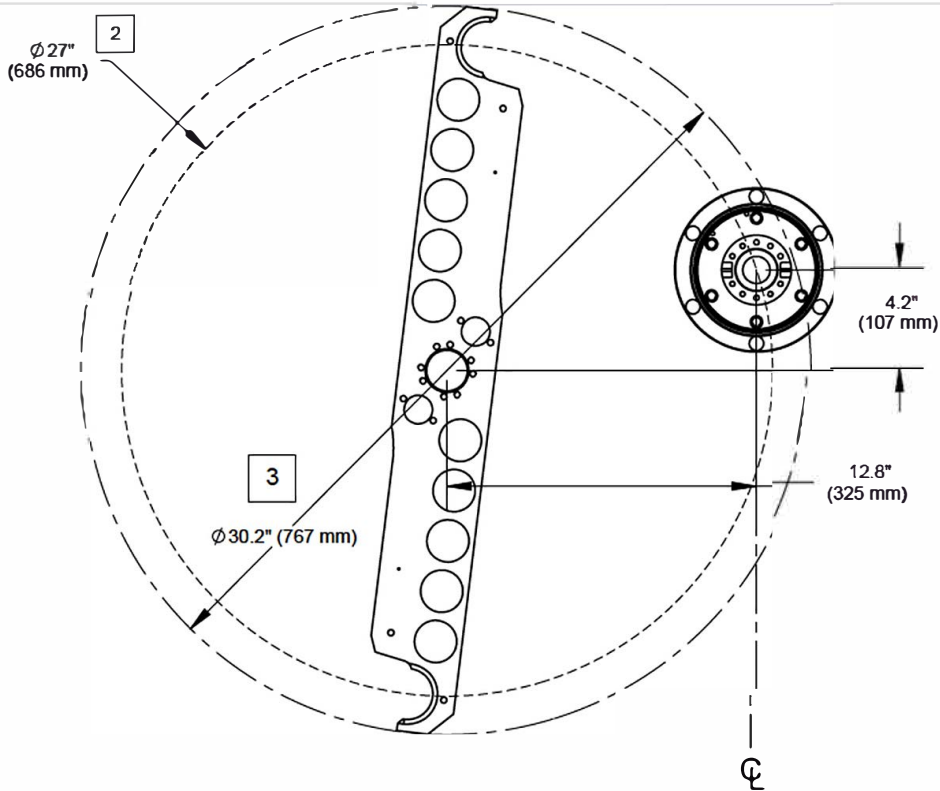
Max part/workholding capacity as defined by full B-axis rotation (Sheet metal removed for clarity)

Max Weight Capacity
660 lb (300 kg)

Enclosure Work Space



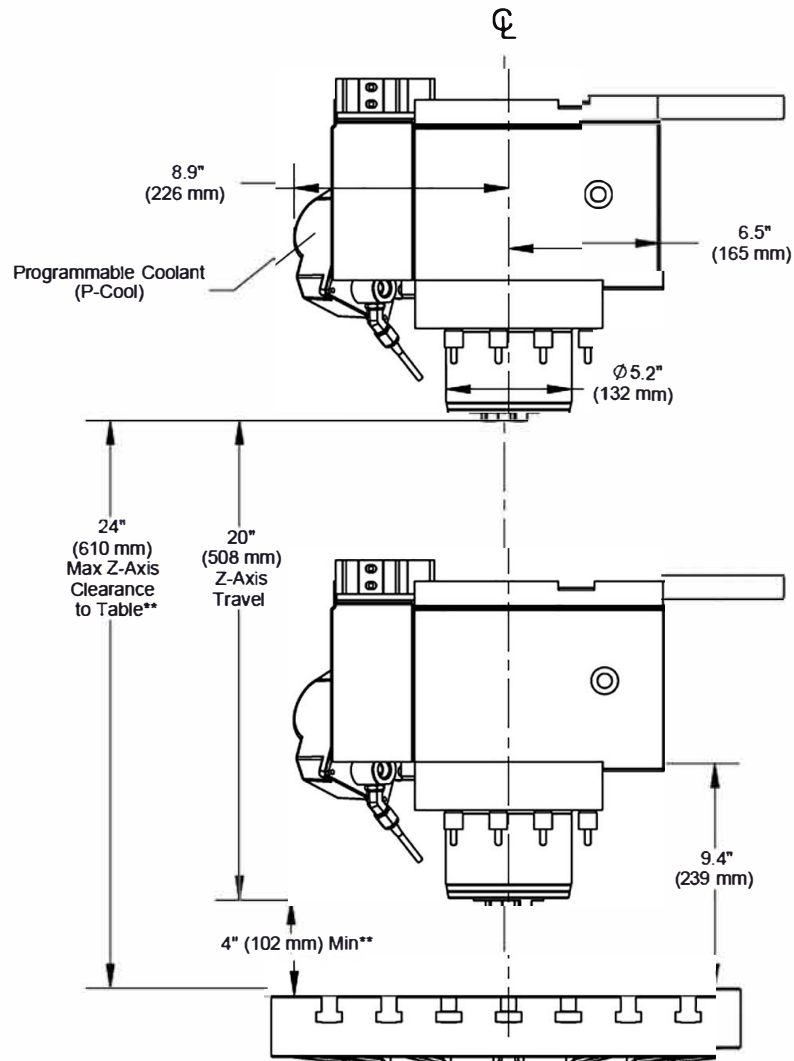
This view shows the spindle head clearance with a 2" (50.8 mm) long tool,
which is 3" (76.2 mm) above the minimum clearance



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