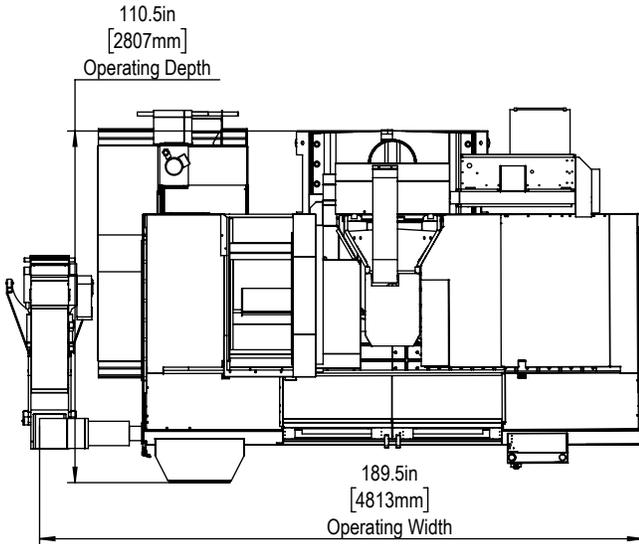
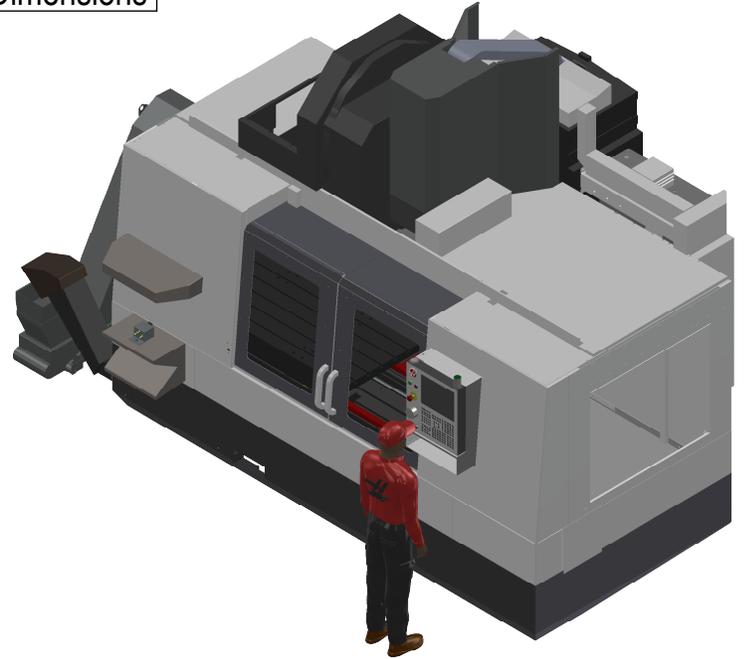
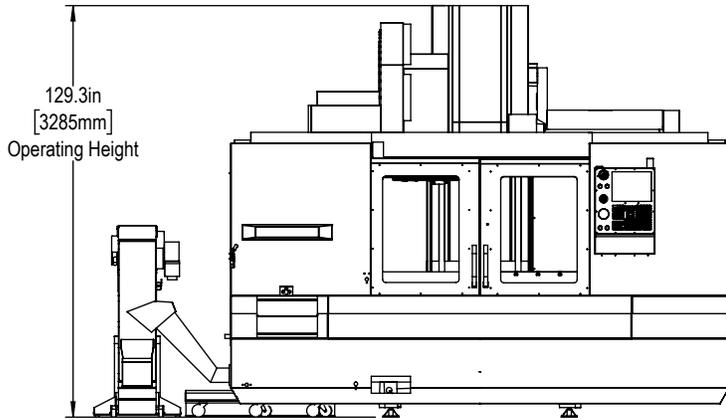
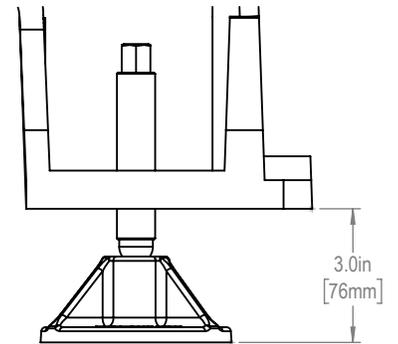


Installed Dimensions

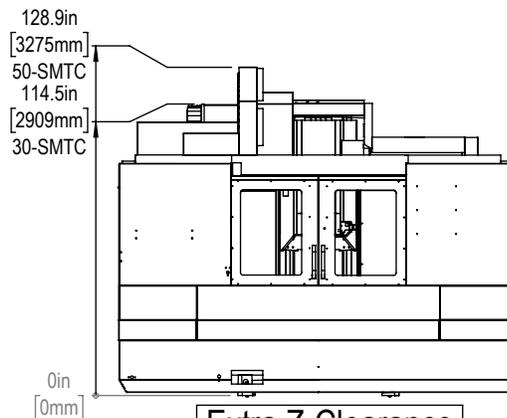
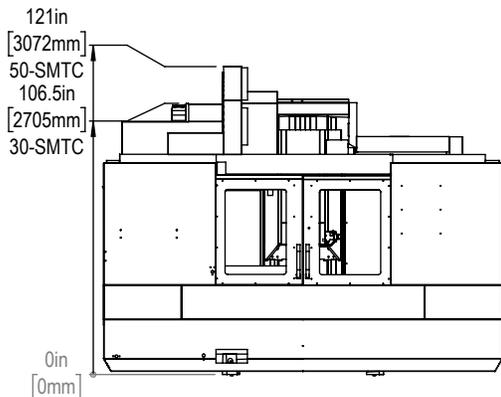


Leveling Pad Height

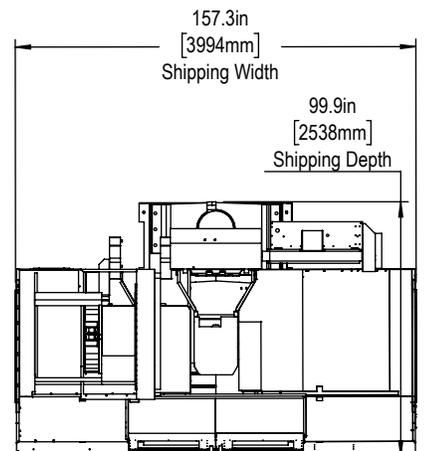


\*All Height Dimensions Based on Suggested Leveling Pad Height

Shipping Dimensions

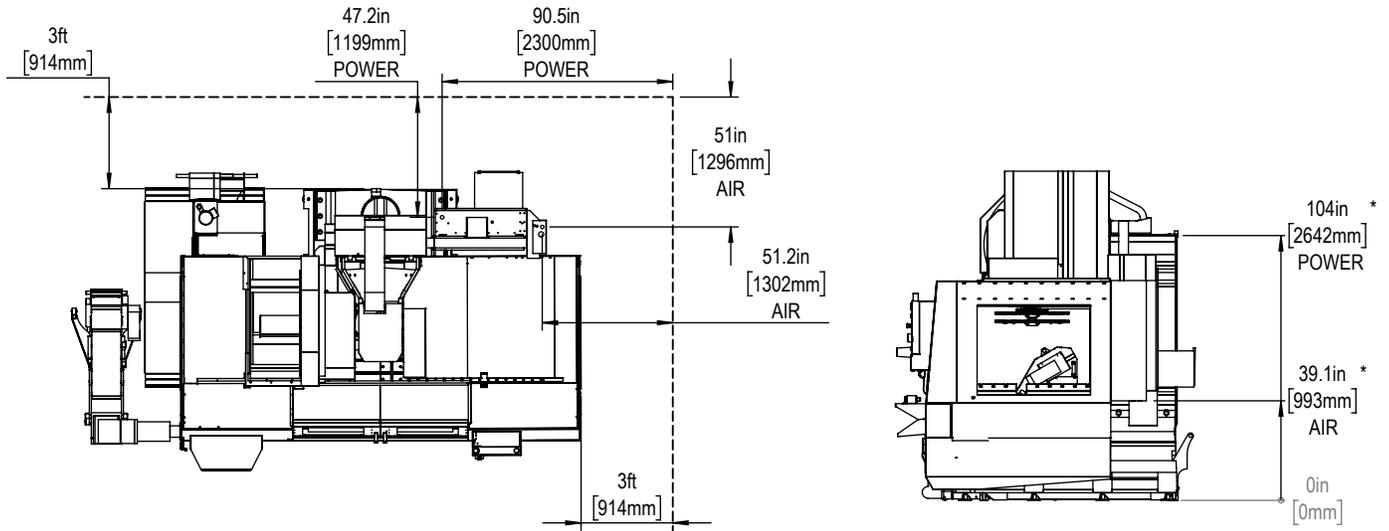


Extra Z-Clearance



**Air & Power**

**\*Add 8in for Extended Z-Axis Clearance**



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

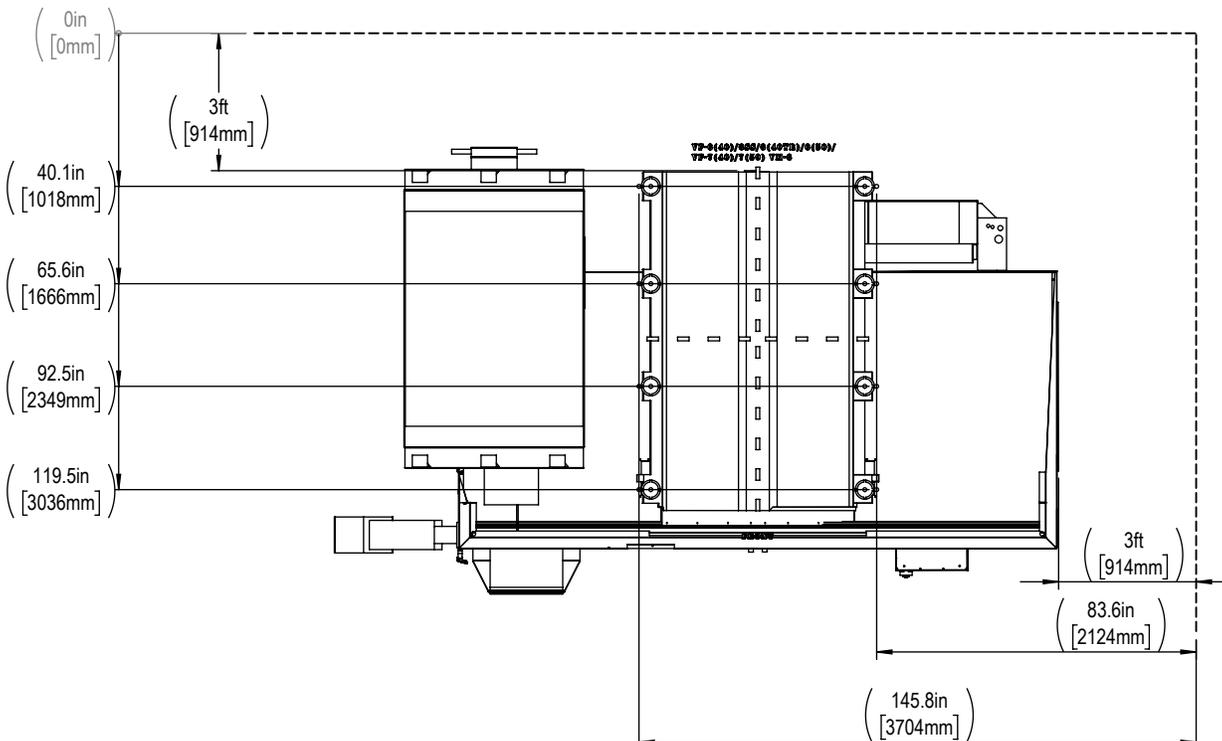
Note:  
Machine must be placed on one continuous concrete slab. Slab should extend 12in [305mm] beyond anchor holes in all directions

**Anchor Pattern**

For machines built before Sept. 2023.

Anchor Hole Detail  
Ø0.625in  
▽2.0in-2.25in

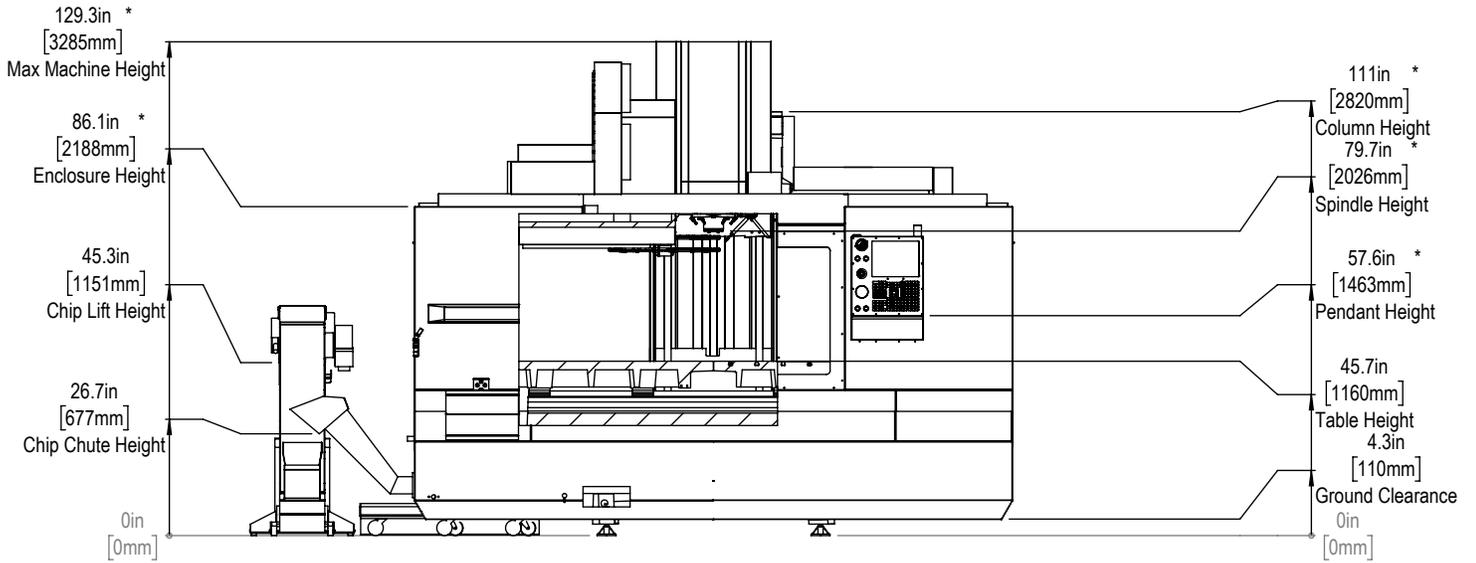
**NOTE: For machines built after Sept. 2023, see separate Anchoring Template.**



For precise locations and specifications please use template in Anchoring Kit found at Haascnc.com

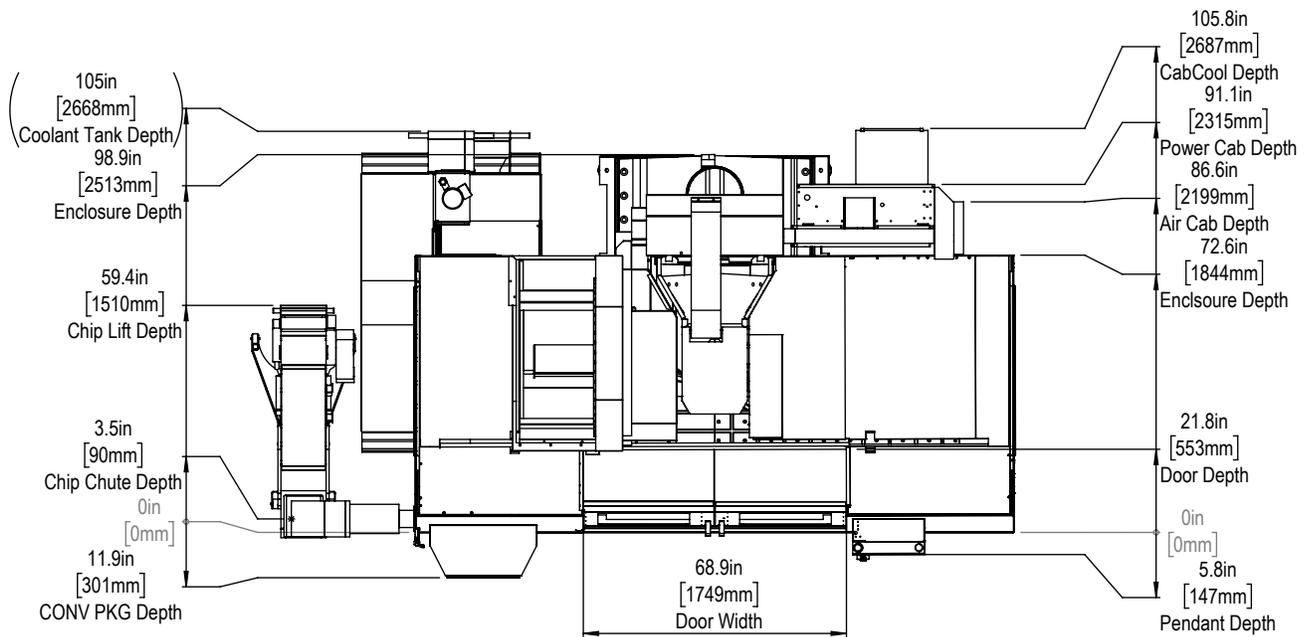


Height Breakdown

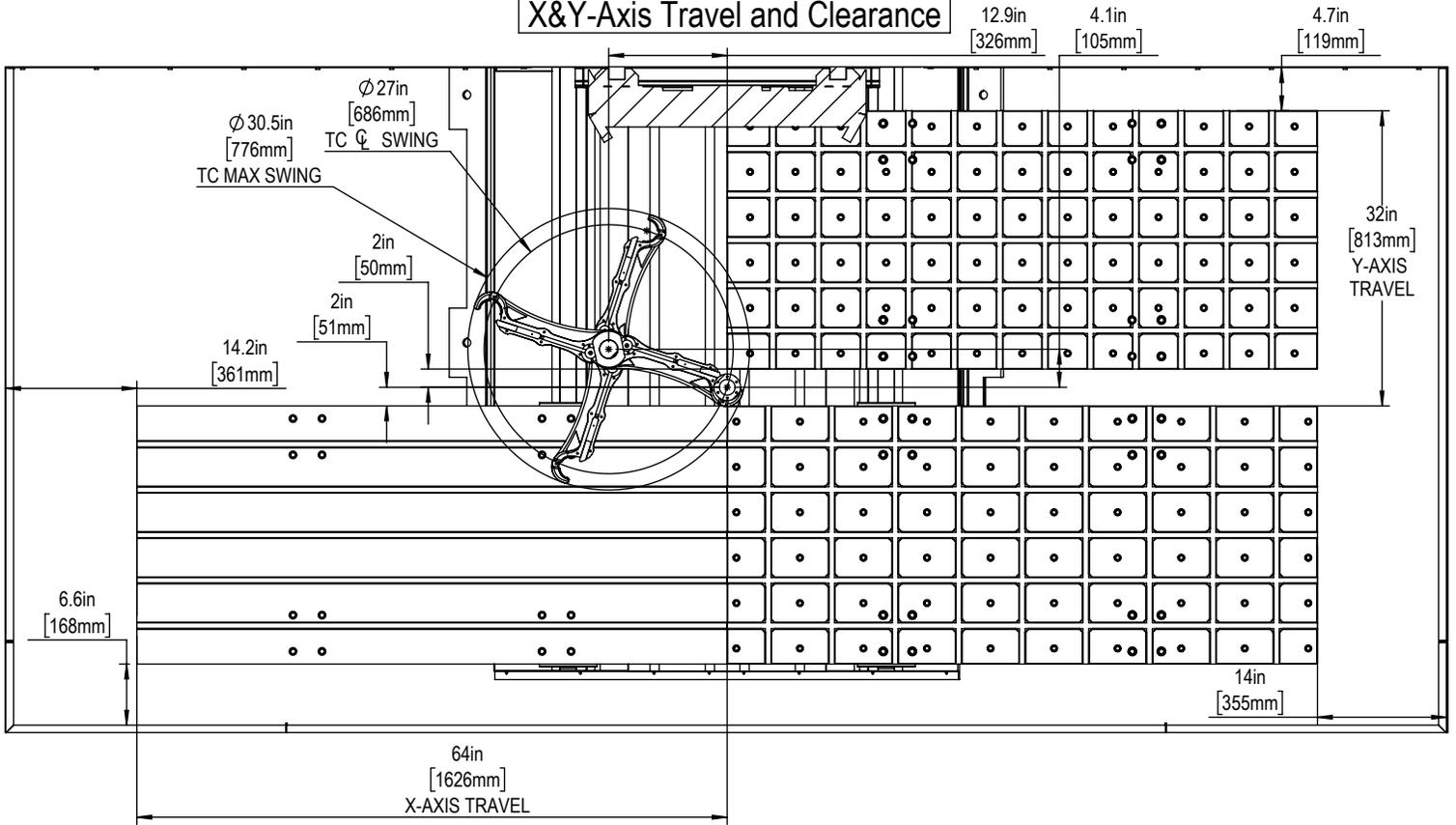


\*Add 8in for Extended Z-Axis Clearance

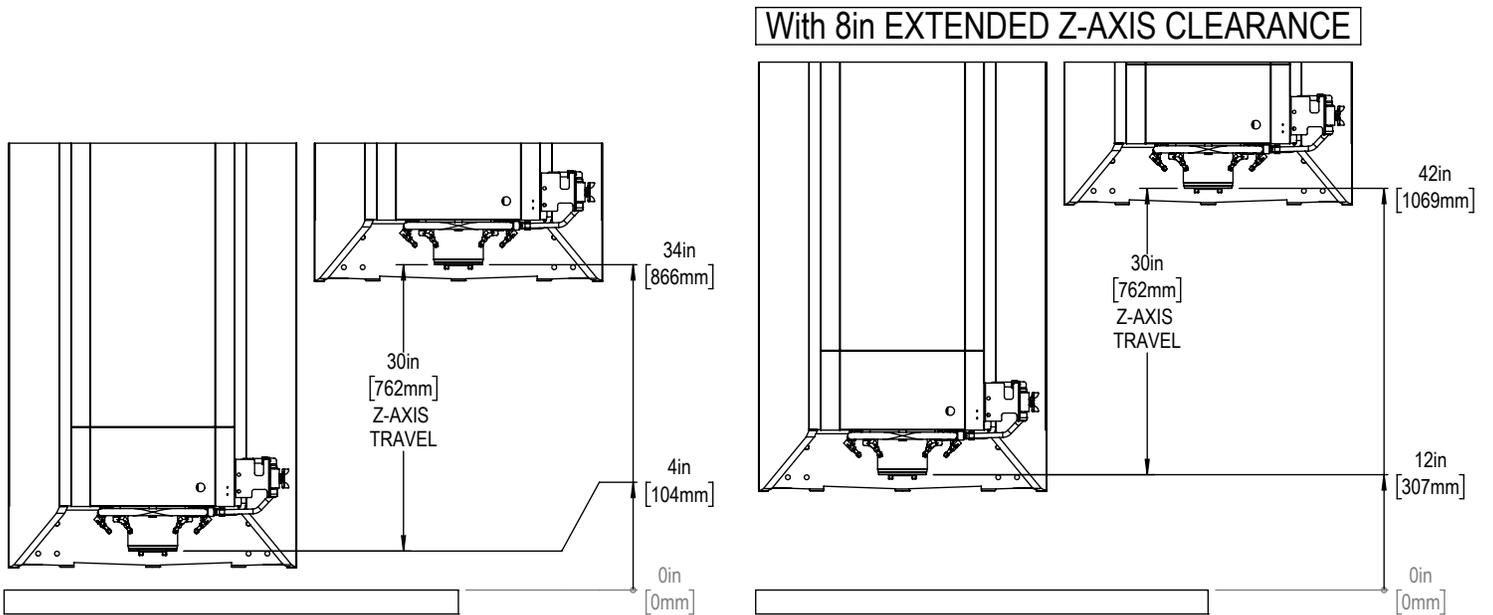
Width Breakdown



X&Y-Axis Travel and Clearance

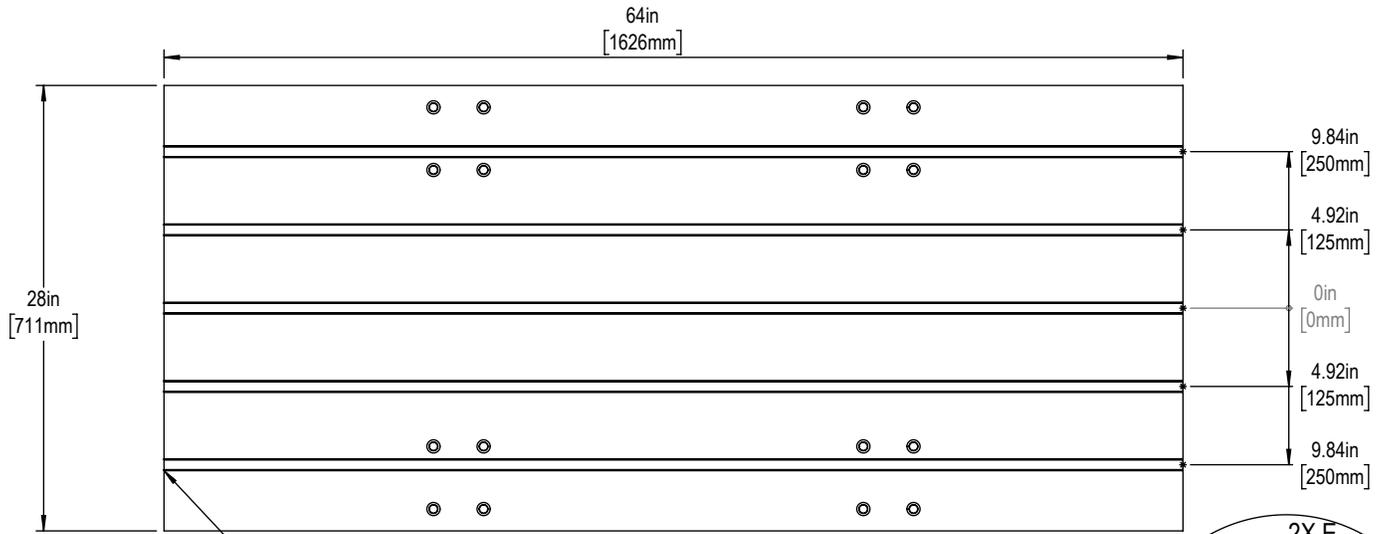


Z-Axis Travel and Clearance

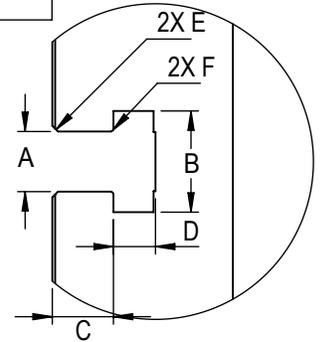




Optional Table With X T-Slots Only



16mm T-Slots



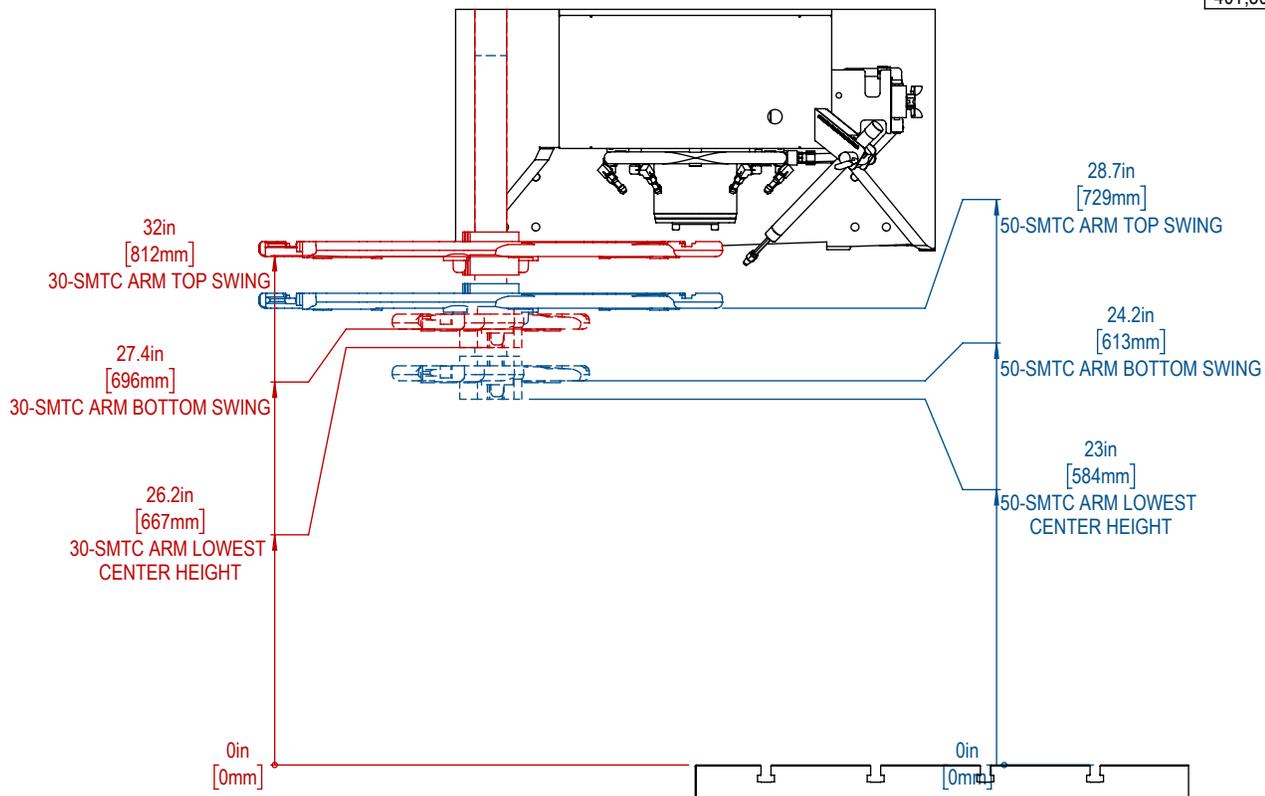
T-Slot Dimensions in inches

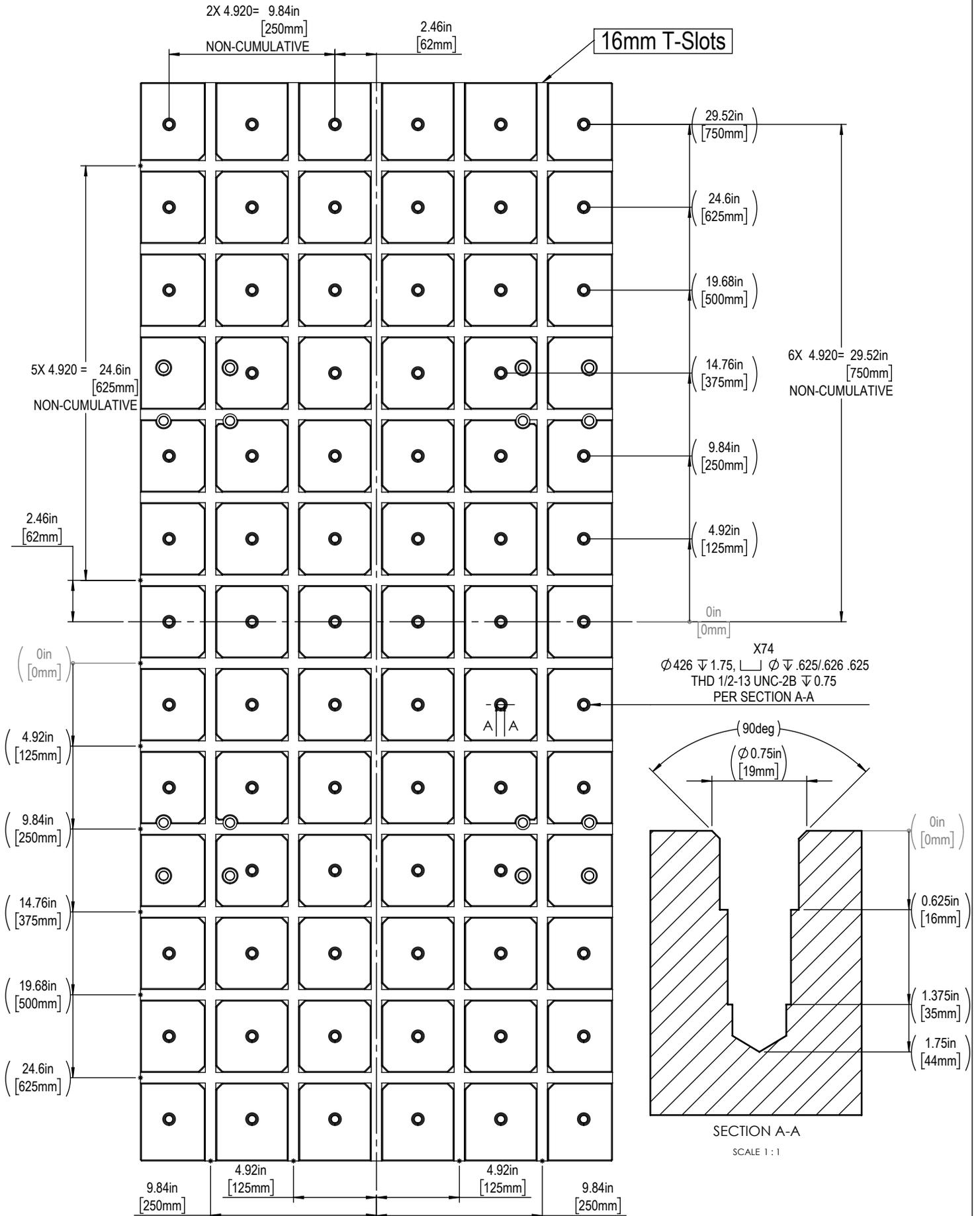
Slot Size	A	B	C	D	E	F
12mm	$0.438^{+0.002}_{-0.000}$	$0.76 \pm 0.02$	$0.310 \pm 0.010$	$0.318 \pm 0.010$	$0.03 \times 45^\circ$	$0.020 \times 45^\circ$
16mm	$0.628 \pm 0.002$	$1.06 \pm 0.02$	$0.640 \pm 0.010$	$0.420 \pm 0.010$	$0.06 \times 45^\circ$	$0.020 \times 45^\circ$

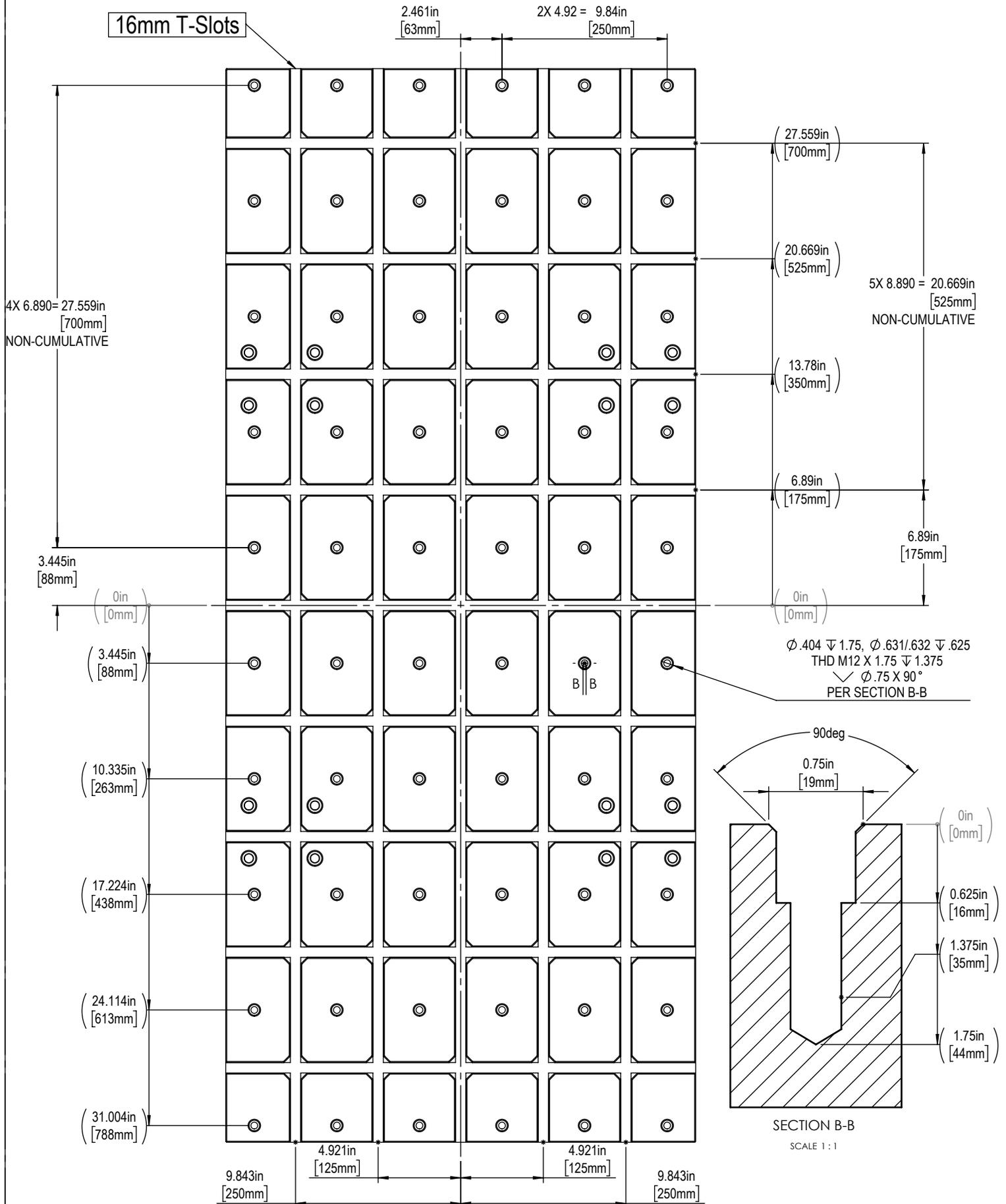
Add 8in to all Dimensions for 8in Extended Z-Axis Clearance

Tool Changer

Drop Down Distance by Spindle Type:  
50T = 6.56in  
40T,30T,HSK-A63=4.56in







All dimensions based on stackup of sheetmetal, subject to variation of 1/2" ( 13 mm) Due to continual product improvements, dimensions are subject to change without notice