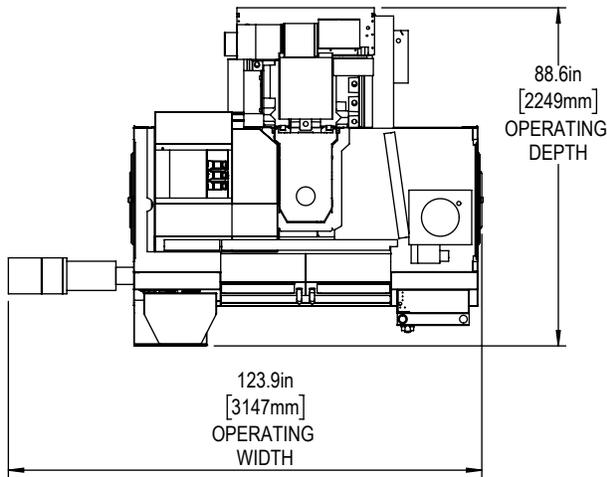
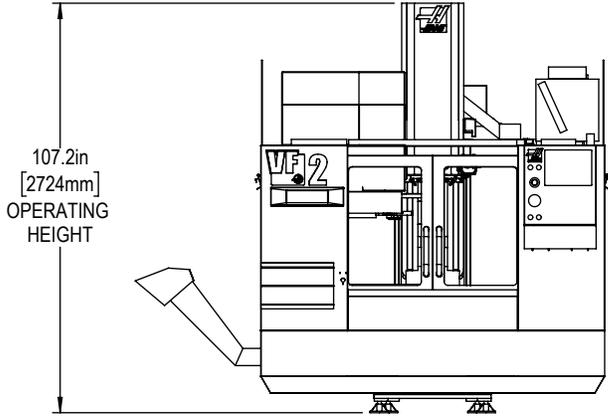
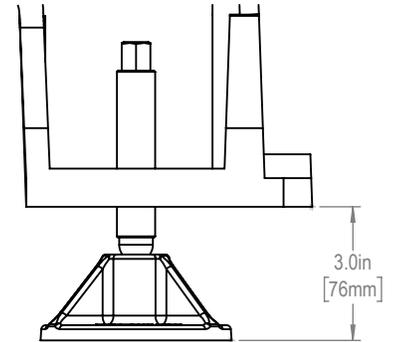




Installed Dimensions

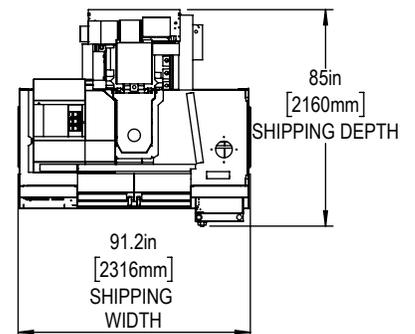
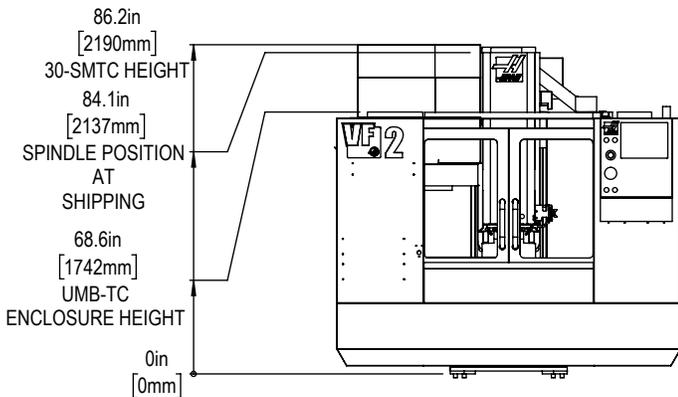


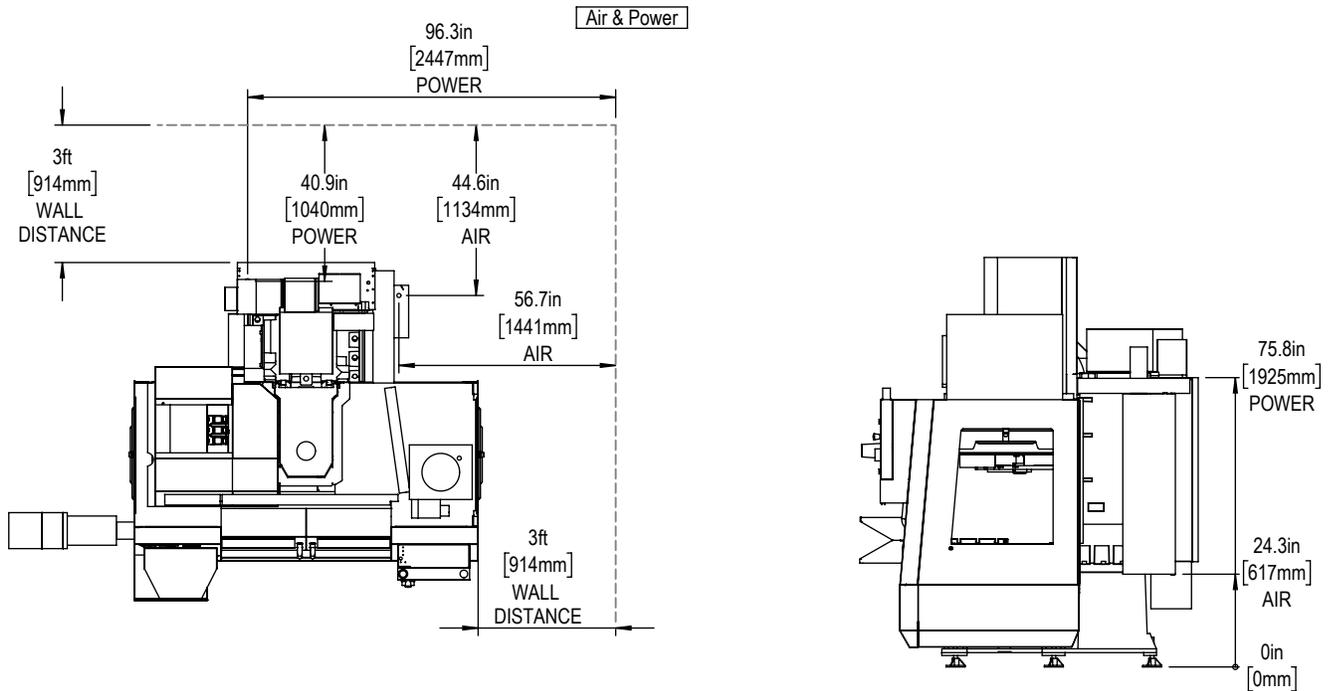
Leveling Pad Height



\*All Height Dimensions Based on Suggested Leveling Pad Height

Shipping Dimensions



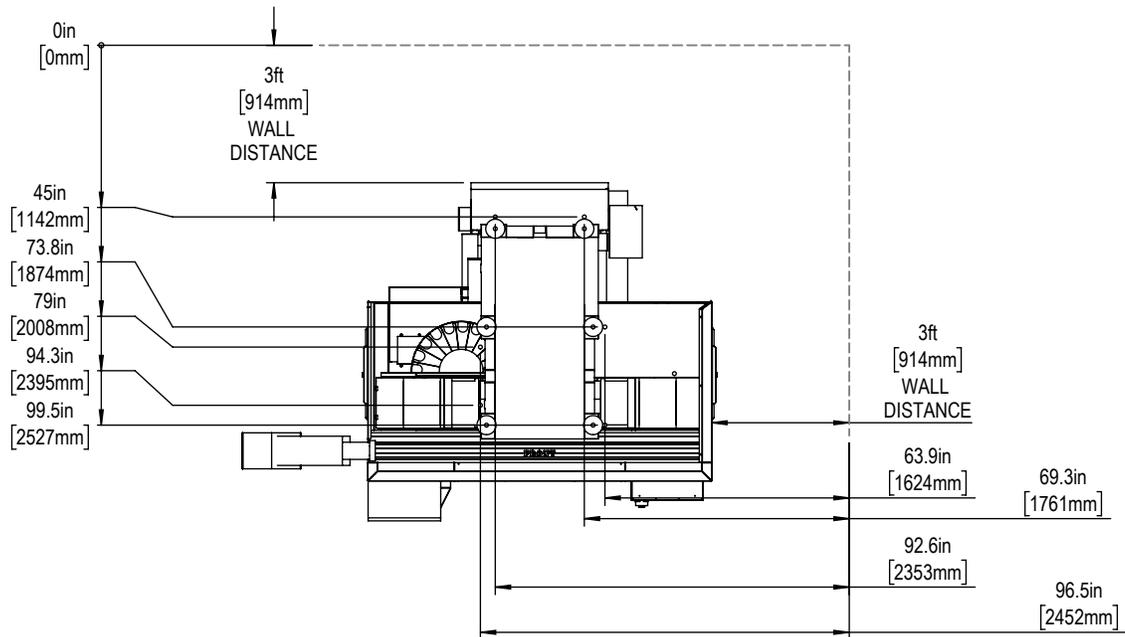


Maintain 3 feet [915mm] clearance to the nearest obstruction around all sides of machine perimeter for maintenance access

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

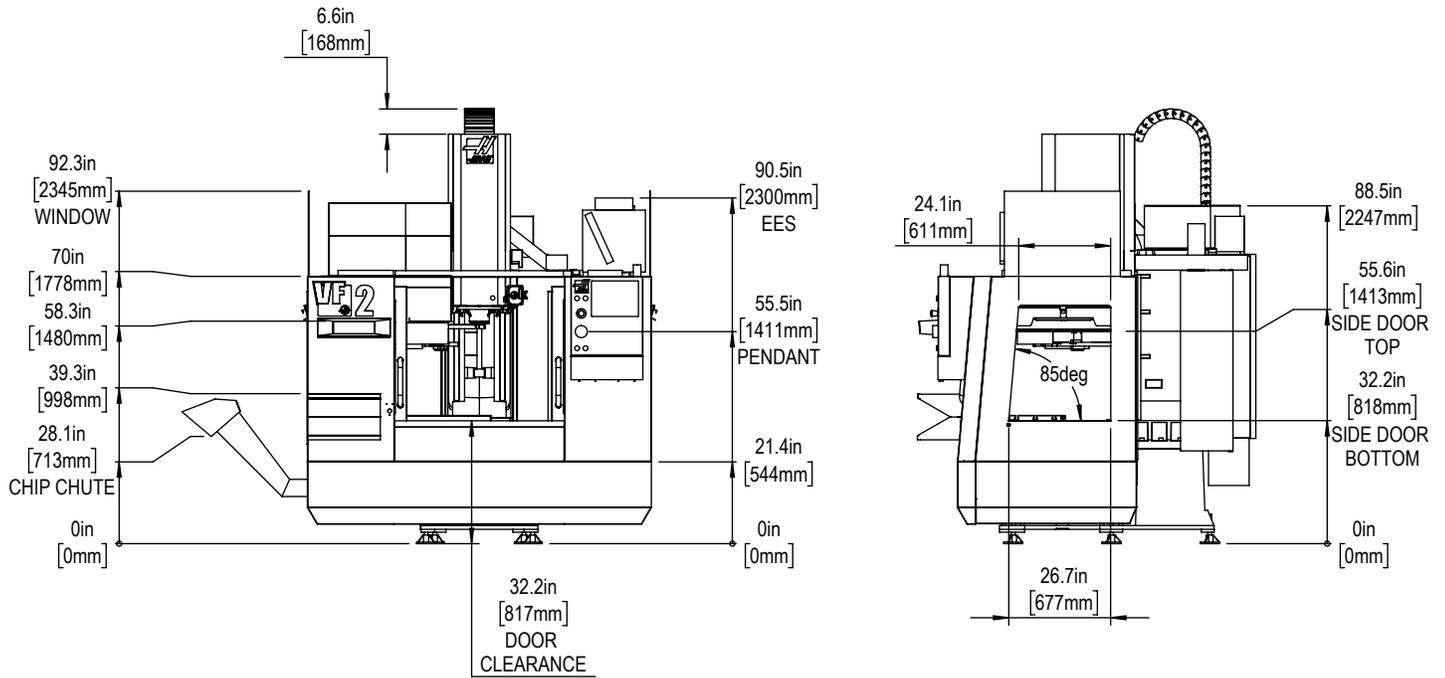
**Anchor Pattern**

**Anchor Hole Detail**  
 Ø 1.0in[25mm]  
 ∇ 2.0in[51mm]-  
 ∇ 2.5in[64mm]

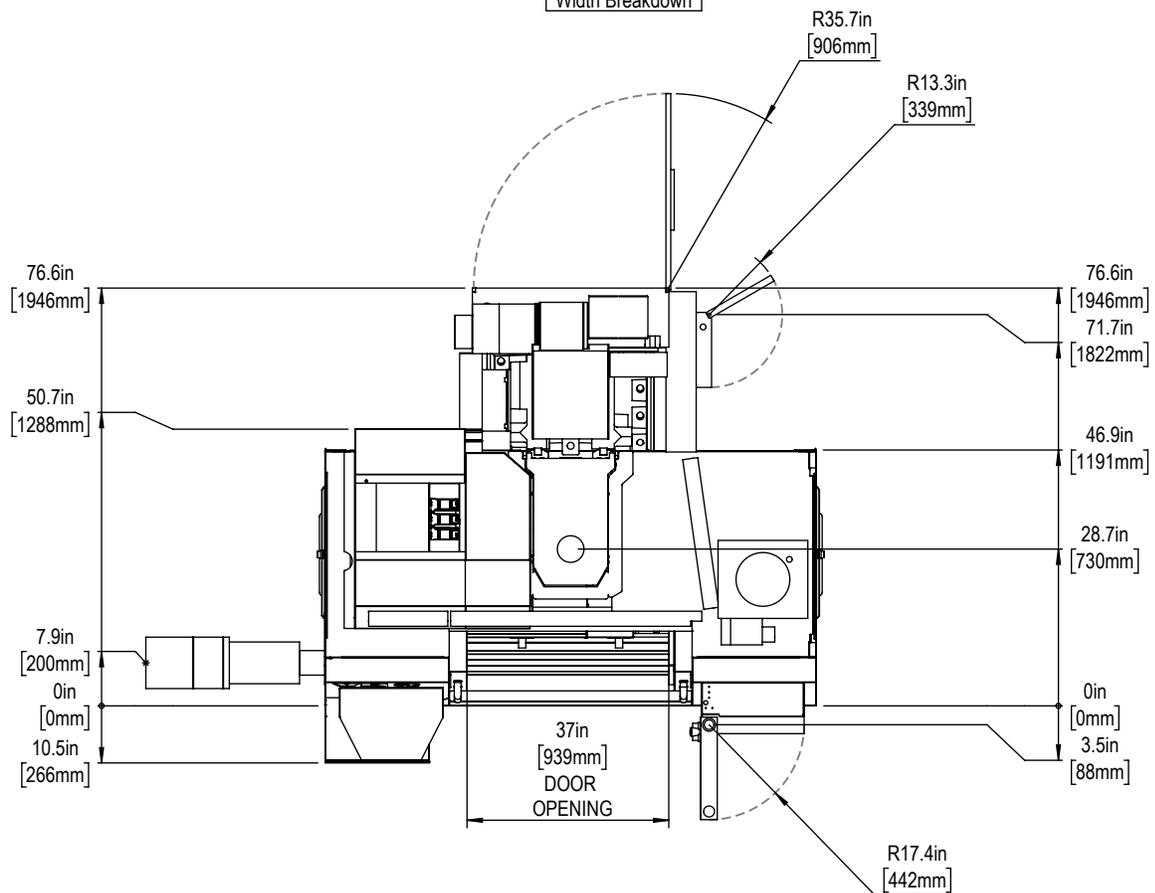


For precise locations and specifications please use template in Anchoring Kit found at Haascnc.com

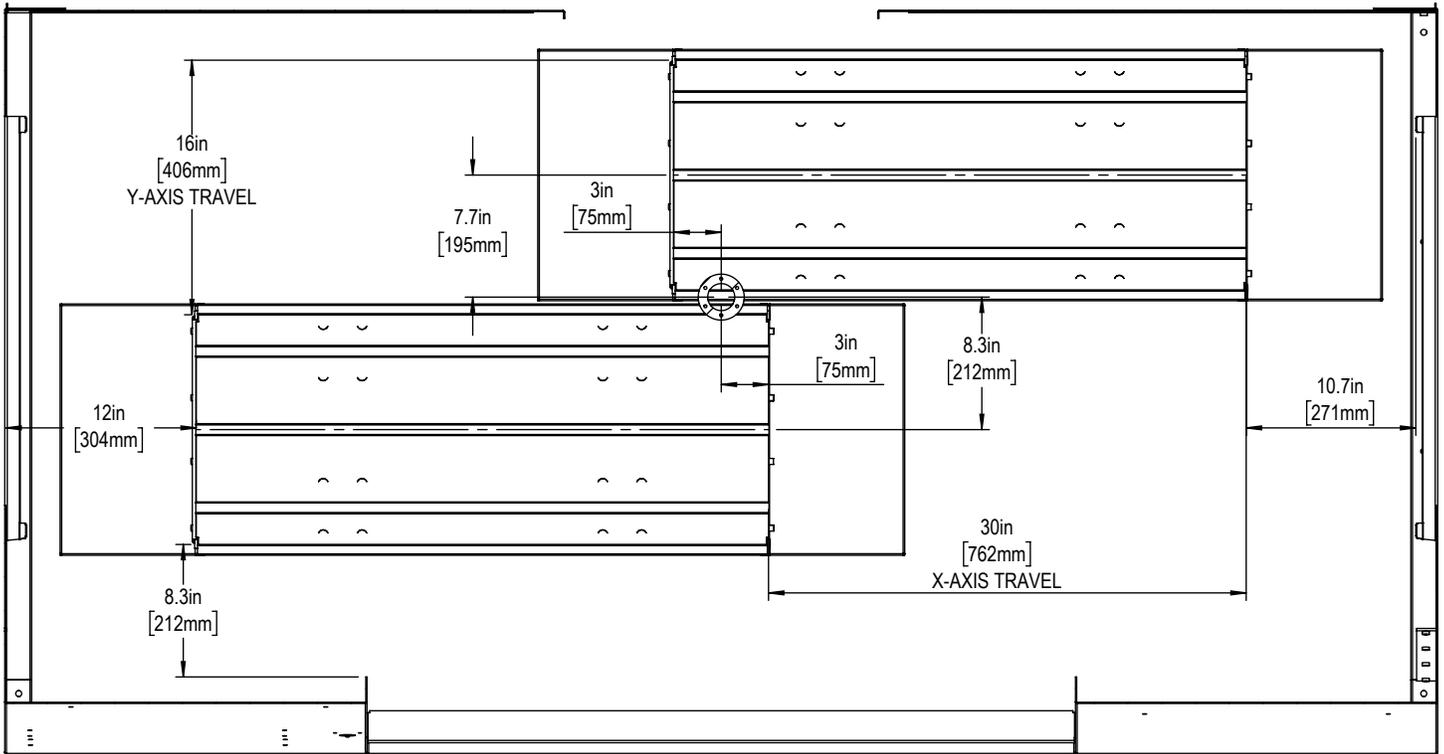
Height Breakdown



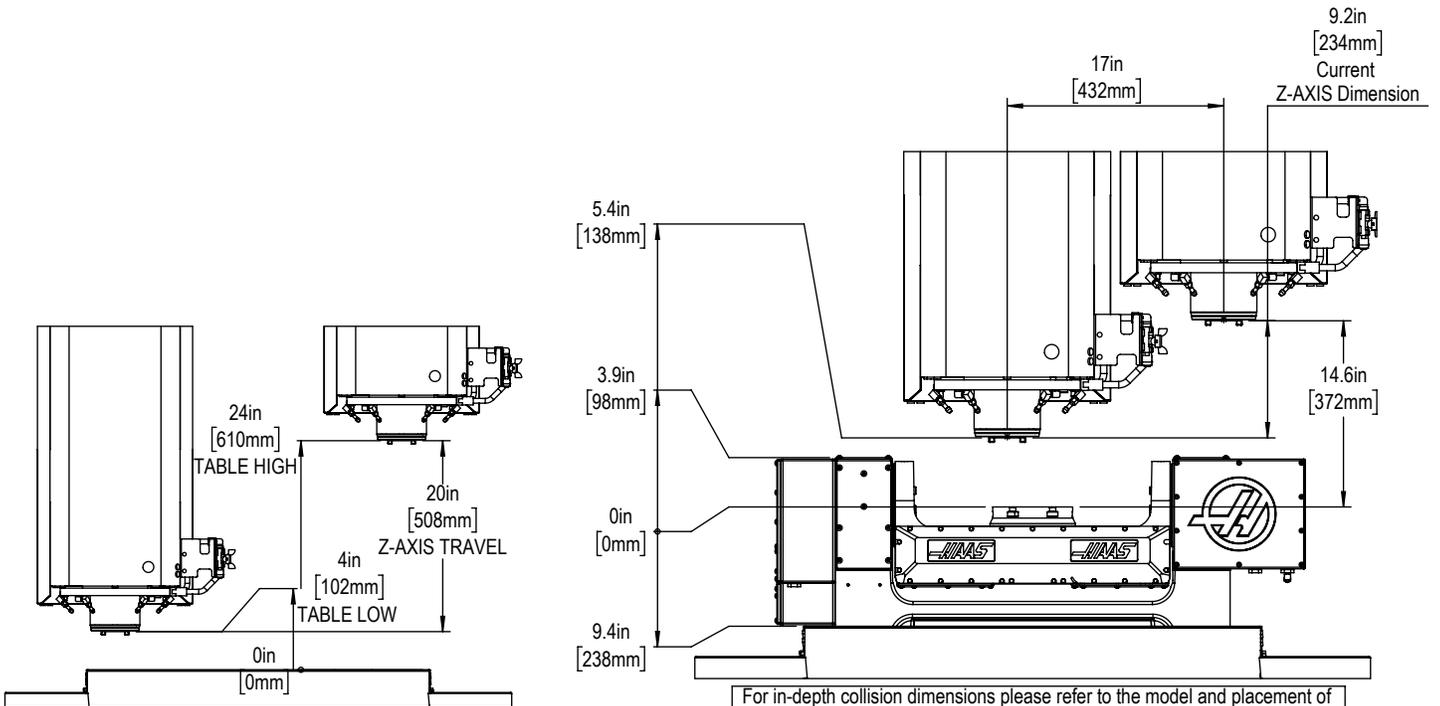
Width Breakdown



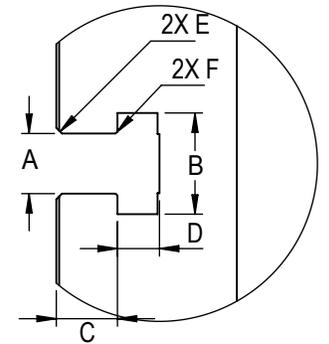
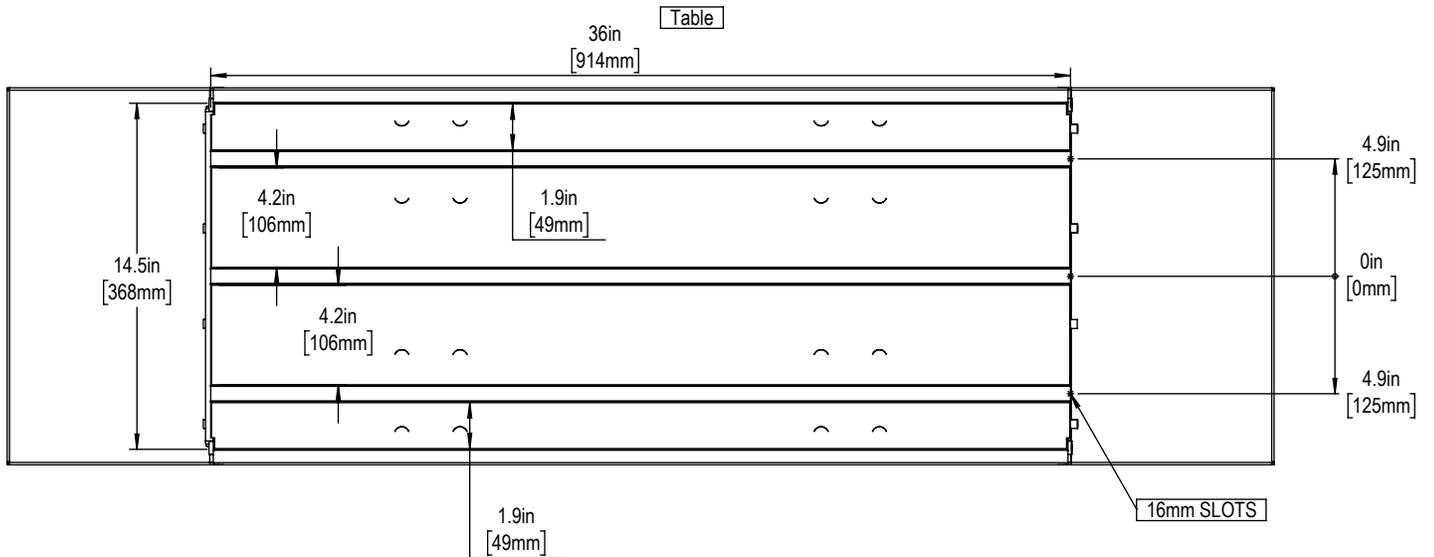
X&Y-Axis Travel and Clearance



Z-AXIS TRAVEL & CLEARANCE



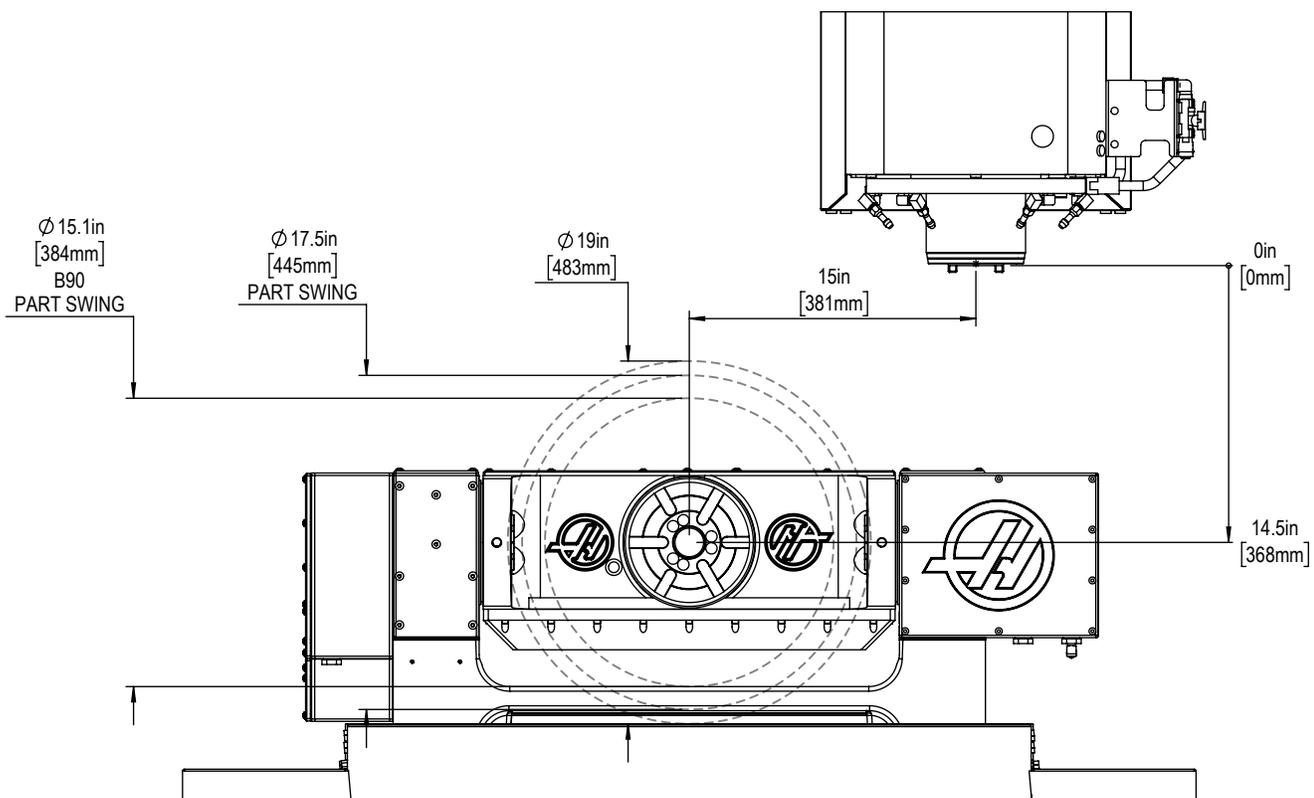
For in-depth collision dimensions please refer to the model and placement of trunnion on your Haas machine.



T-Slot Dimensions in inches

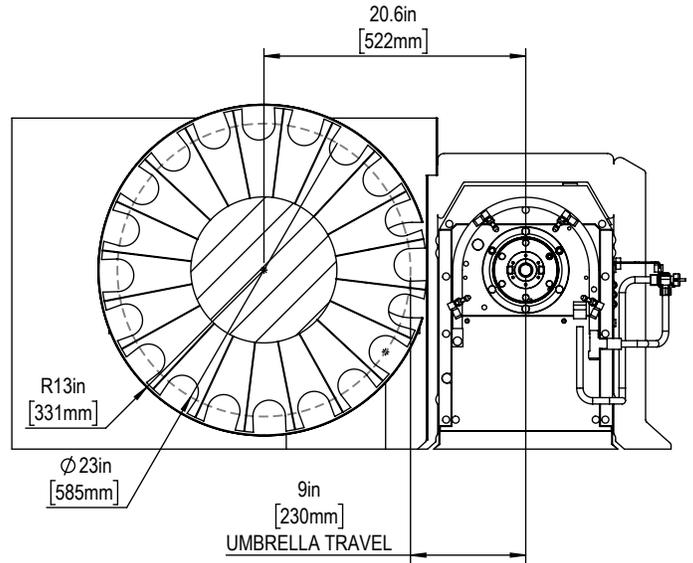
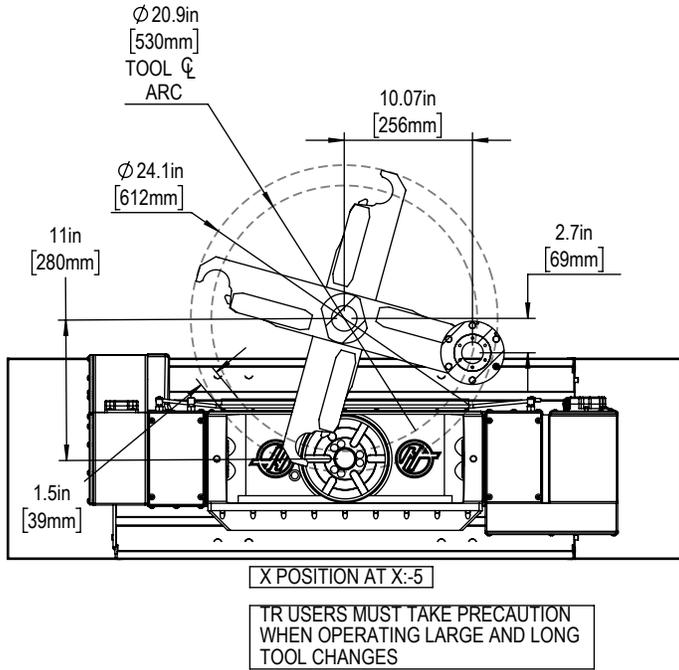
Slot Size	A	B	C	D	E	F
12mm	$0.438 \begin{smallmatrix} +.002 \\ -.000 \end{smallmatrix}$	$0.76 \pm 0.02$	$0.310 \pm 0.010$	$0.318 \pm 0.010$	$0.03 \times 45^\circ$	$0.020 \times 45^\circ$
16mm	$0.628 \pm 0.002$	$1.06 \pm 0.02$	$0.640 \pm 0.010$	$0.420 \pm 0.010$	$0.06 \times 45^\circ$	$0.020 \times 45^\circ$

Tool Changer



FOR ADDITIONAL TRUNNION DIMENSIONS PLEASE REFER TO THE TR160 MLD

X&Y-Axis Travel and Clearance



Z-AXIS TRAVEL & CLEARANCE

