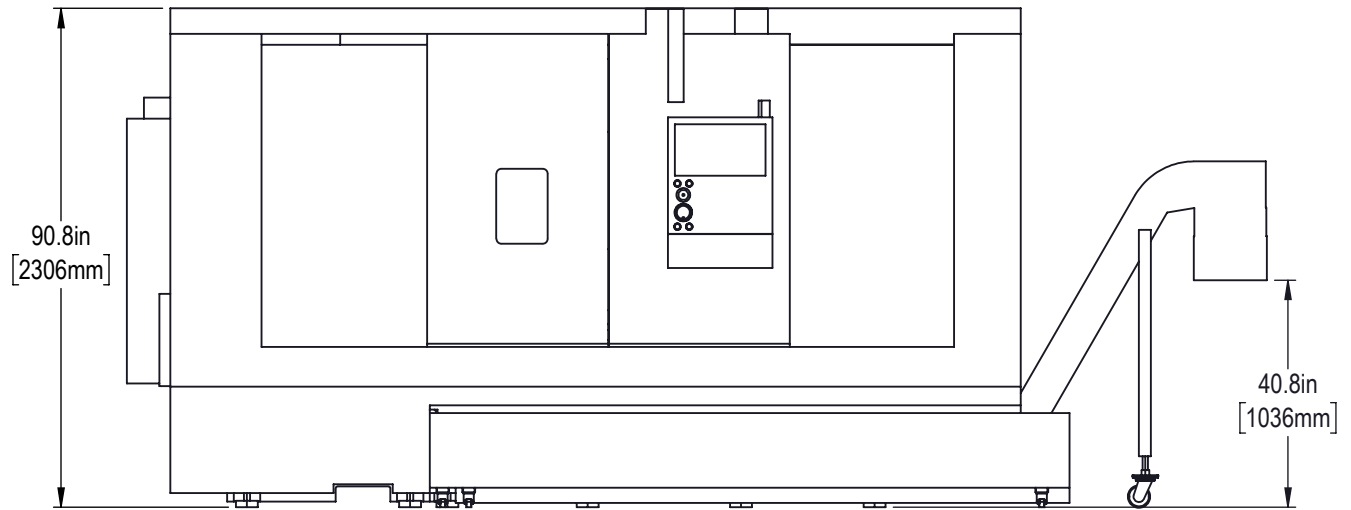




FRONT VIEW - OPERATIONAL HEIGHT DIMENSION

DRAWING NOT TO SCALE

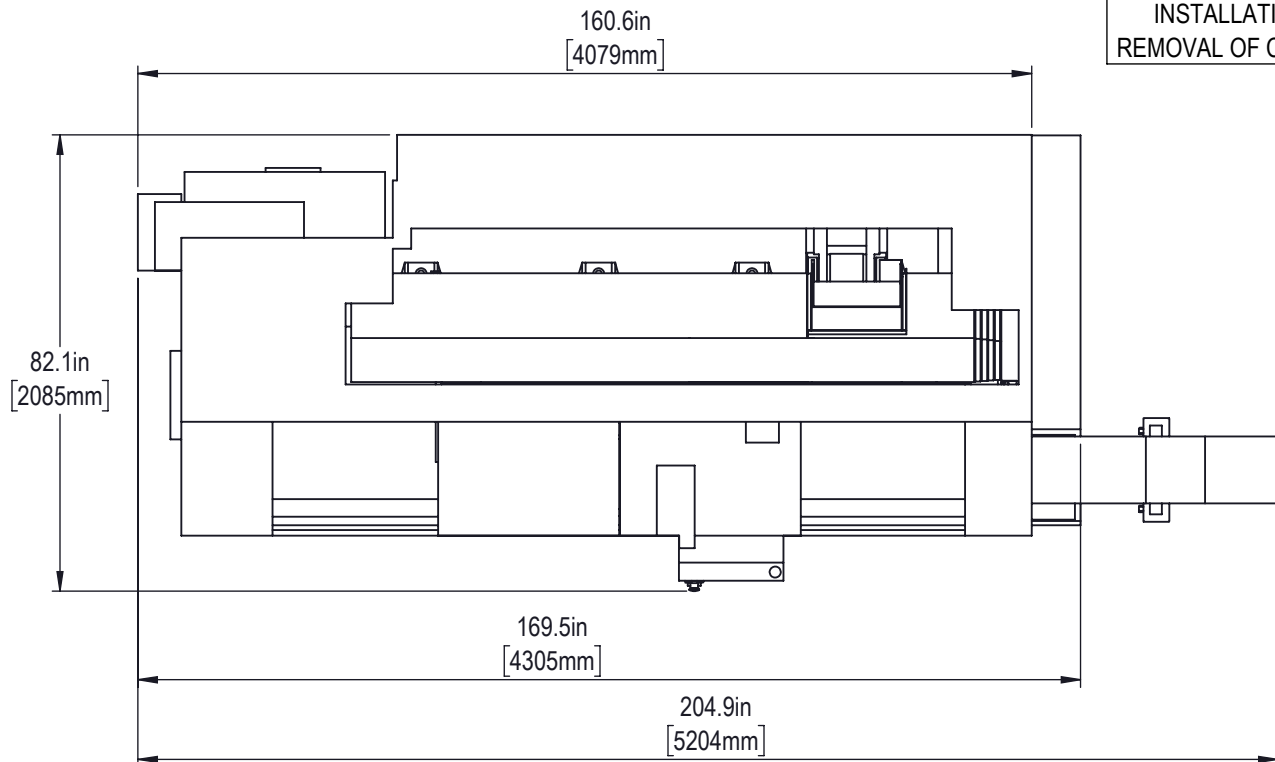


REFER TO THE INSTALLATION INSTRUCTIONS FOR STEP BY STEP GUIDANCE

TOP VIEW - OPERATIONAL DEPTH AND WIDTH DIMENSIONS

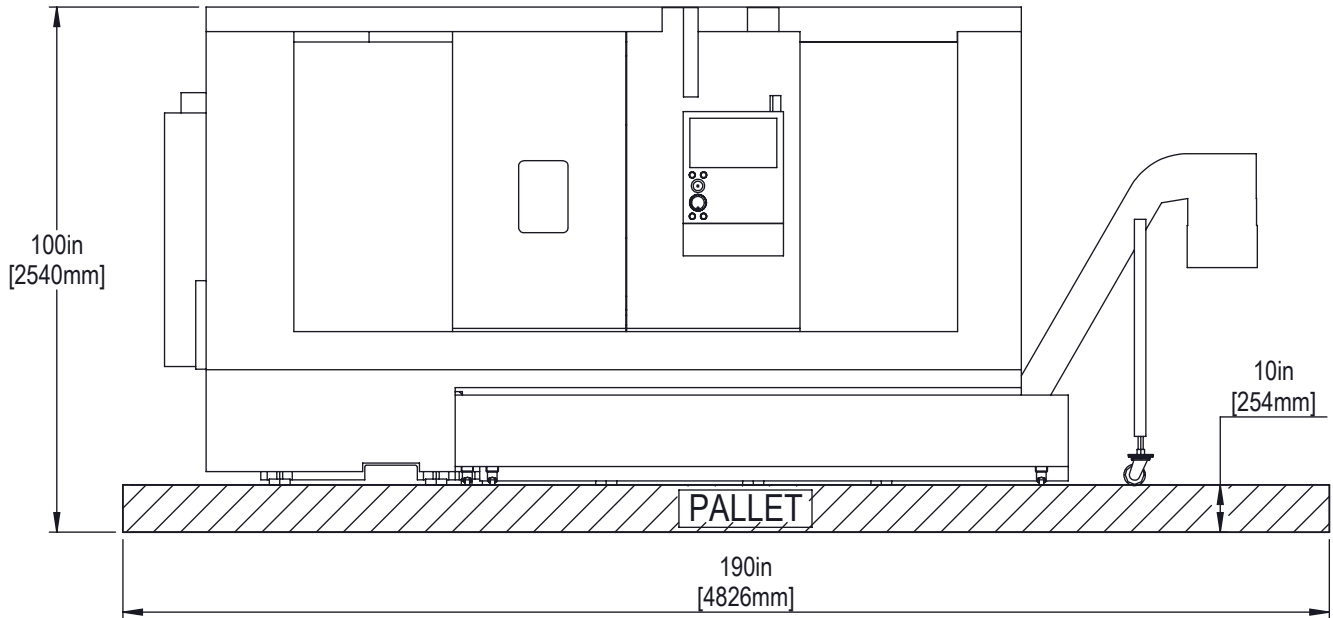
DRAWING NOT TO SCALE

107in [2718mm]
ADDITIONAL DISTANCE
NEEDED FOR
INSTALLATION OR
REMOVAL OF CONVEYOR



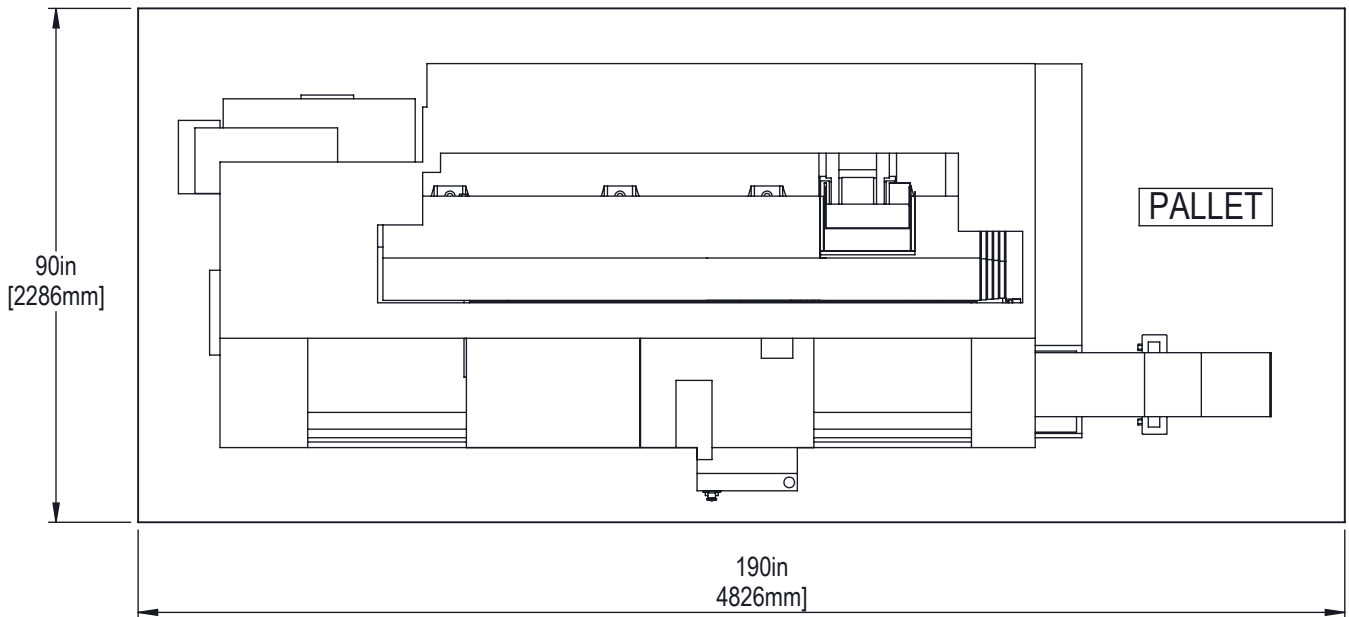


FRONT VIEW - WITH PALLET



DRAWING NOT TO SCALE

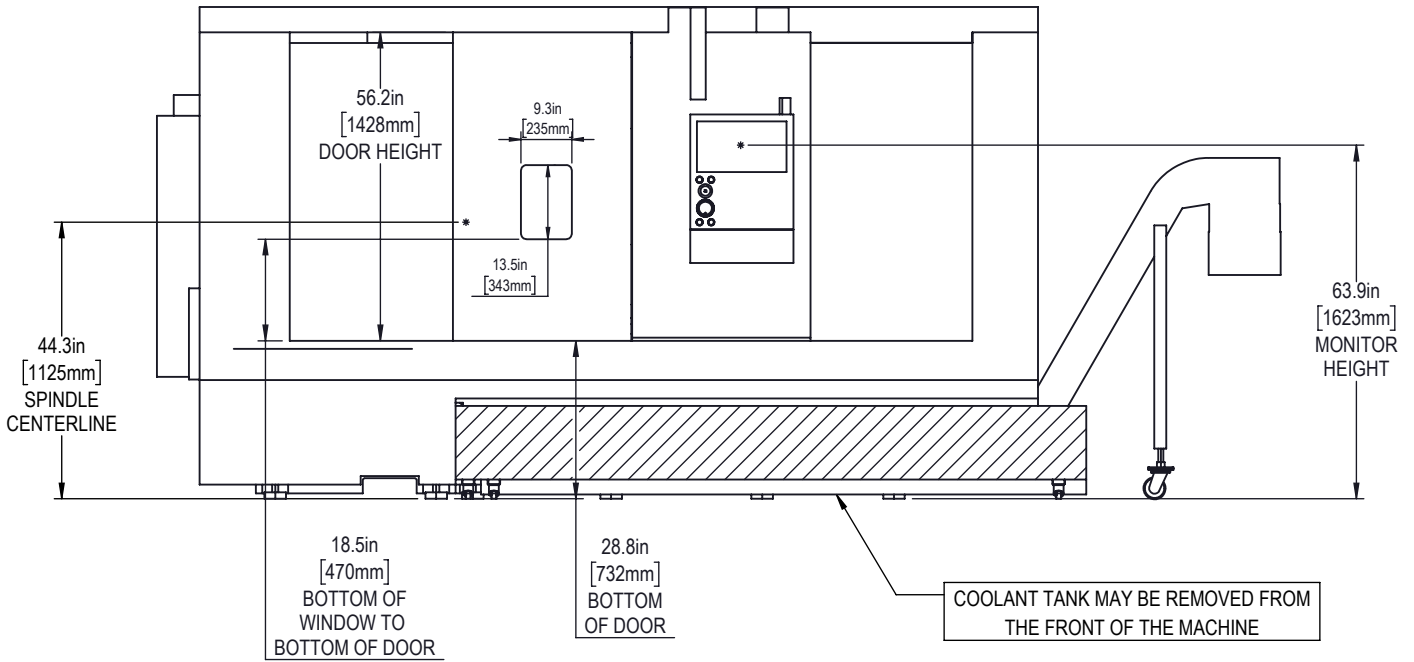
TOP VIEW - WITH PALLET



DRAWING NOT TO SCALE

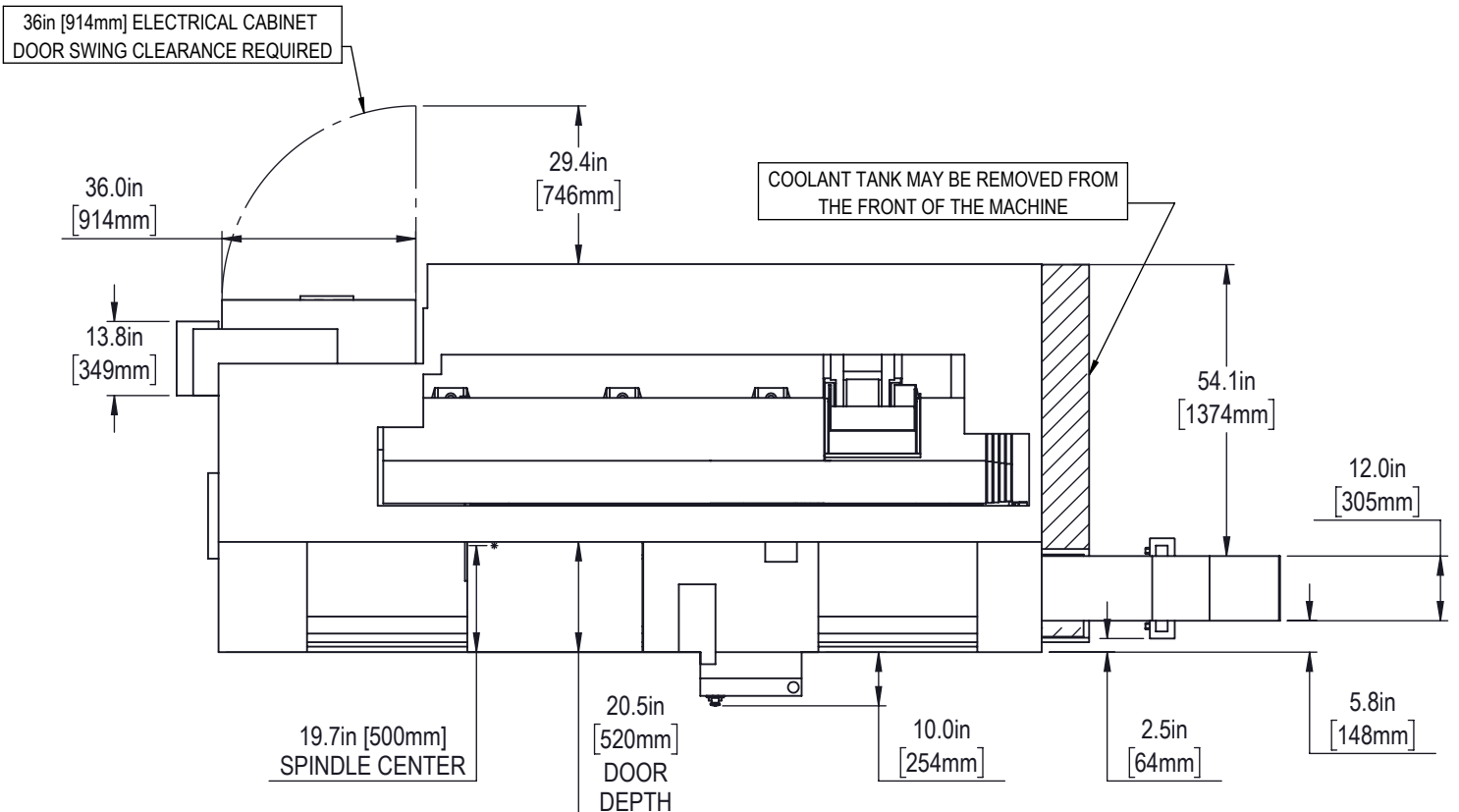
FRONT VIEW - HEIGHT DIMENSIONS

DRAWINGS NOT TO SCALE



TOP VIEW - DEPTH AND WIDTH DIMENSIONS

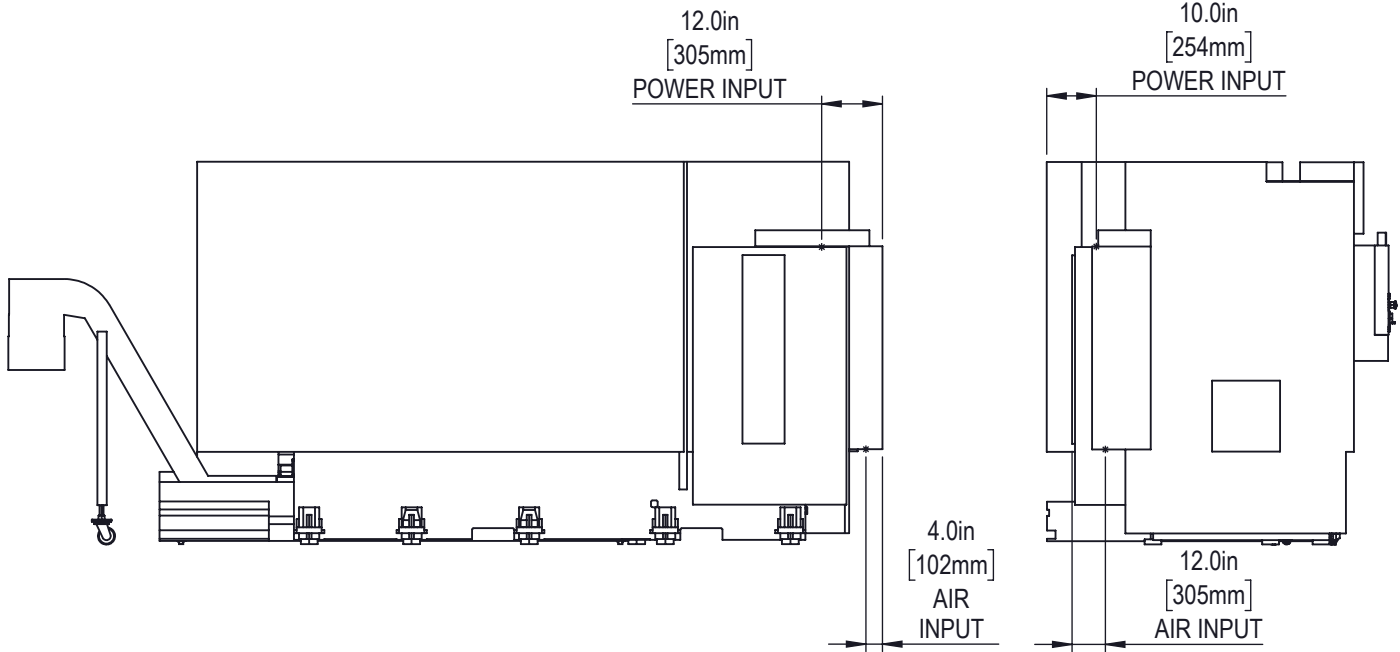
DRAWINGS NOT TO SCALE





BACK VIEW

LEFT SIDE VIEW



REFER TO MACHINE INSTALLATION INSTRUCTIONS FOR DETAILS

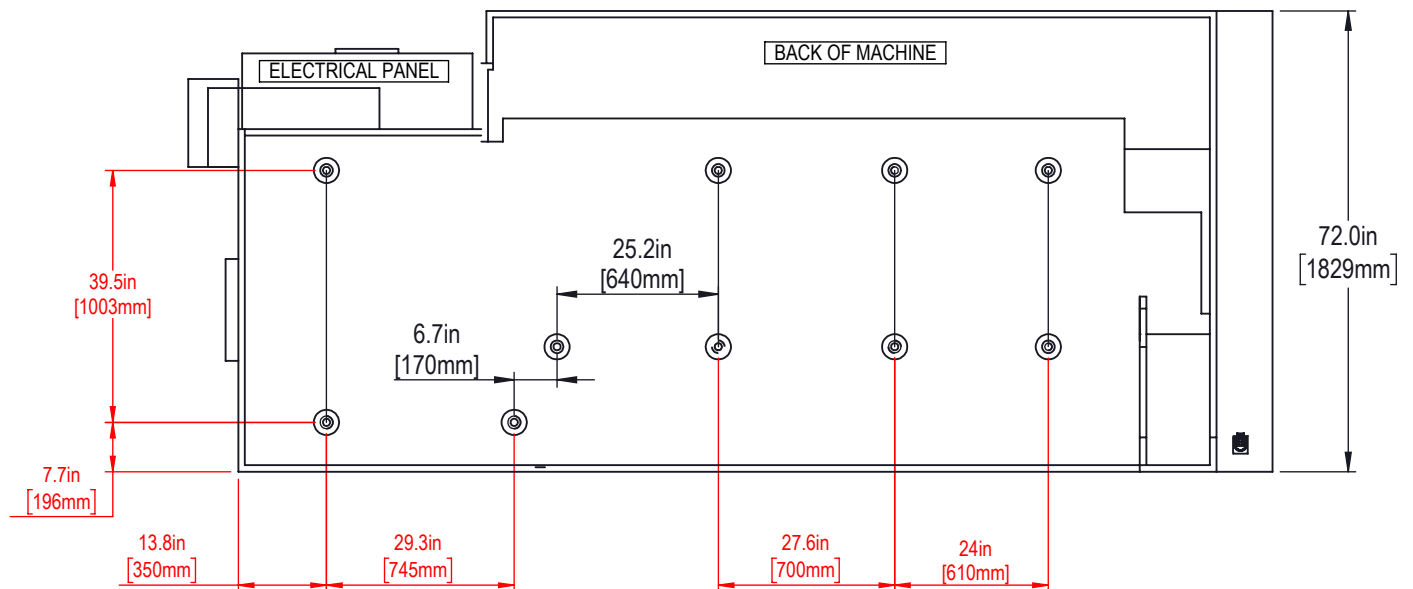
36in [914mm] CLEARANCE REQUIRED FOR ELECTRICAL CABINET DOOR SWING

DRAWINGS NOT TO SCALE

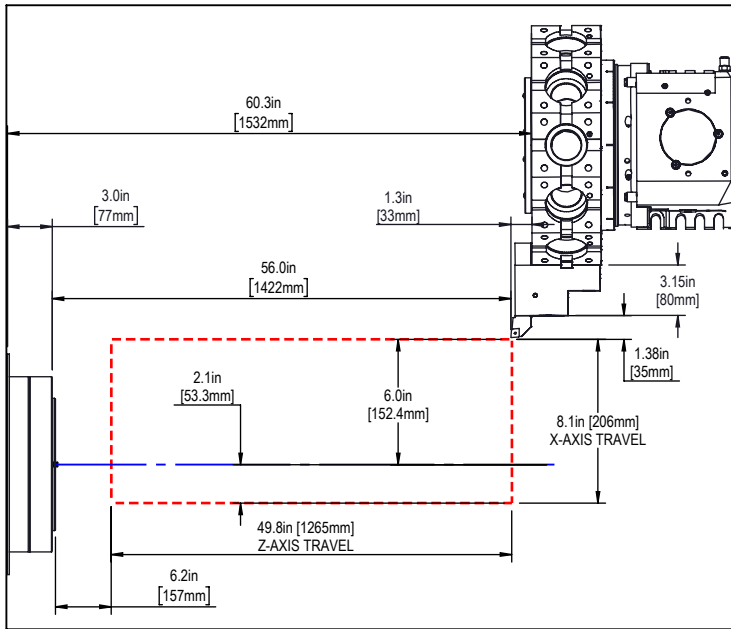
MACHINE MUST BE PLACED ON A SINGLE CONTINUOUS CONCRETE SLAB. SLAB MUST EXTEND 12in [305mm] BEYOND LEVELING PAD LOCATIONS IN ALL DIRECTIONS

THERE IS NO CURRENT ANCHORING REQUIREMENT FOR THIS MACHINE

TOP VIEW



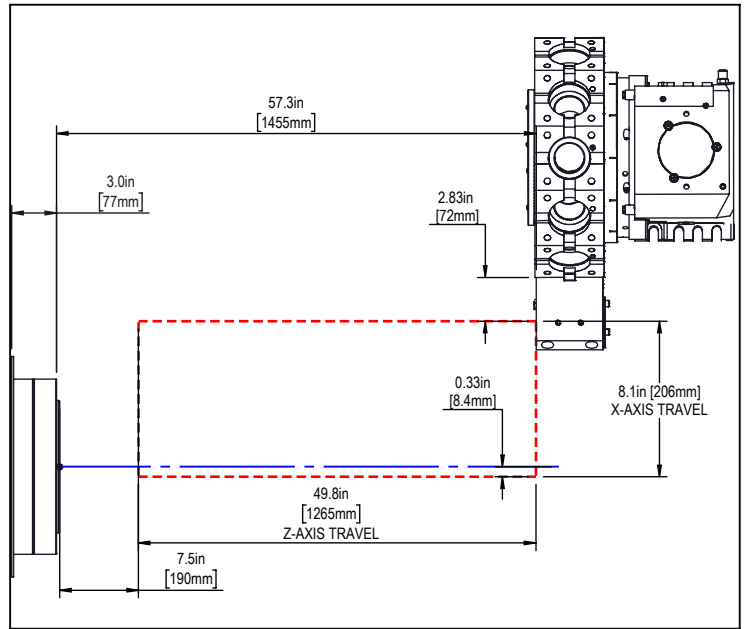
BMT65 OD TURNING



ALL Z-AXIS DIMENSIONS TO SPINDLE FACE

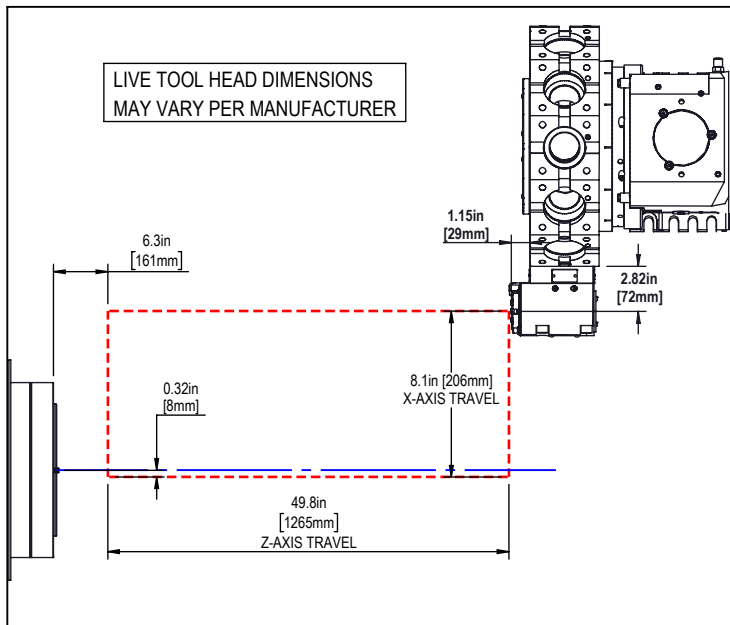
ALL X-AXIS DIMENSIONS ARE TO SPINDLE CENTER

BMT65 ID TURNING



NOTE: DRAWINGS NOT TO SCALE

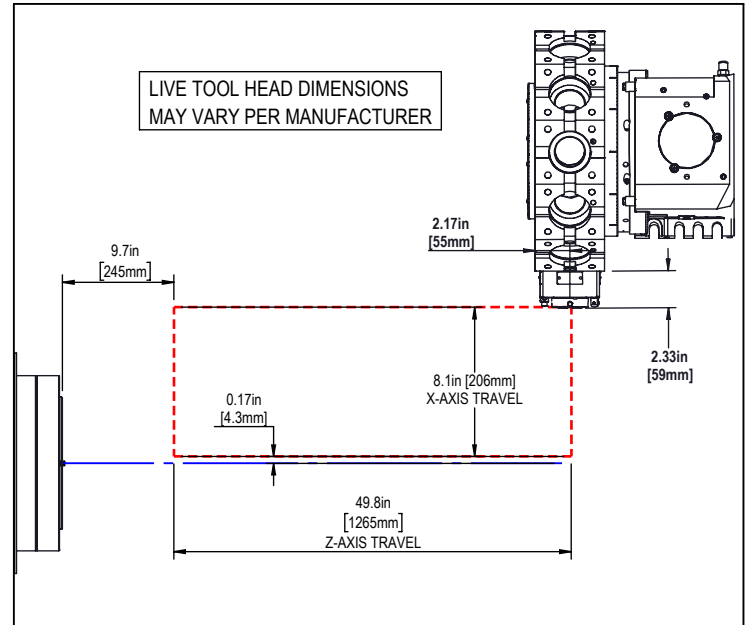
BMT65 90-DEGREE LIVE TOOL



ALL Z-AXIS DIMENSIONS TO SPINDLE FACE

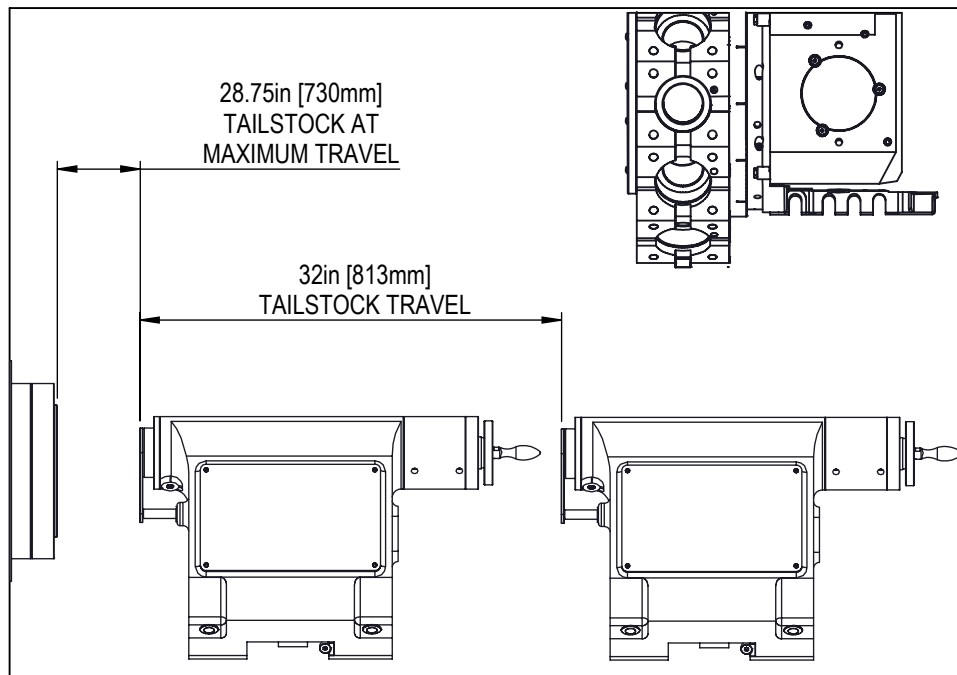
ALL X-AXIS DIMENSIONS ARE TO SPINDLE CENTER

BMT65 STRAIGHT LIVE TOOL



NOTE: DRAWINGS NOT TO SCALE

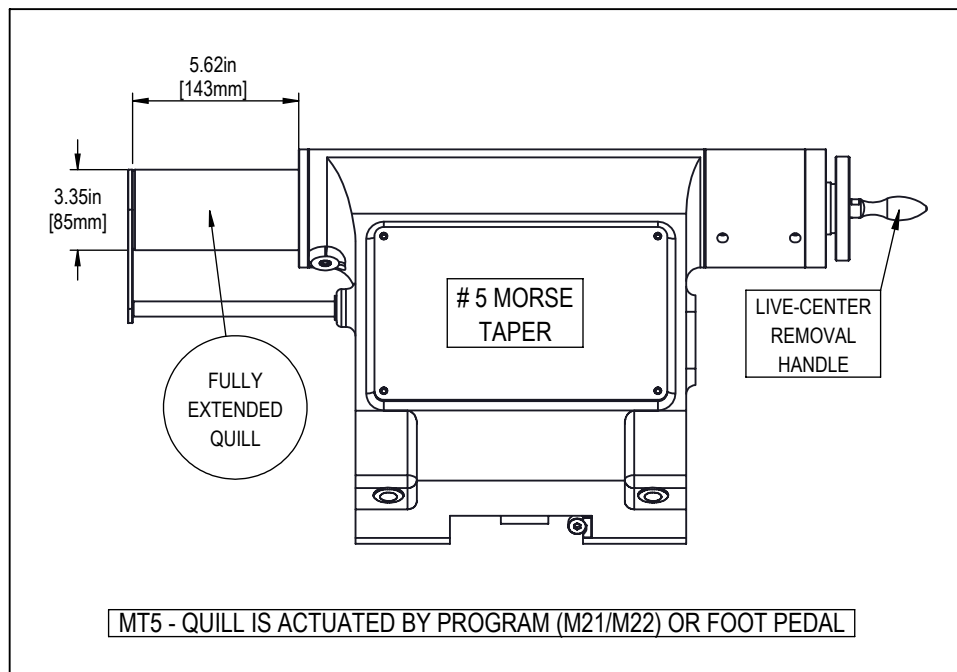
TAILSTOCK AND STEADY REST ARE STANDARD FEATURES ON THE MODEL



DISTANCES SHOWN ABOVE ARE CONDIERING THE PRESENCE OF THE STEADY REST BASE - NOT SHOWN FOR CLARITY PURPOSES

DRAWING NOT TO SCALE

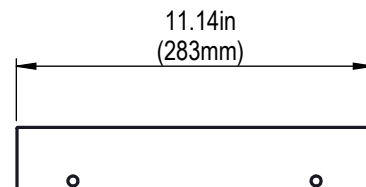
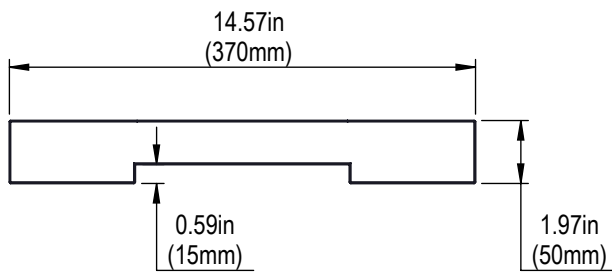
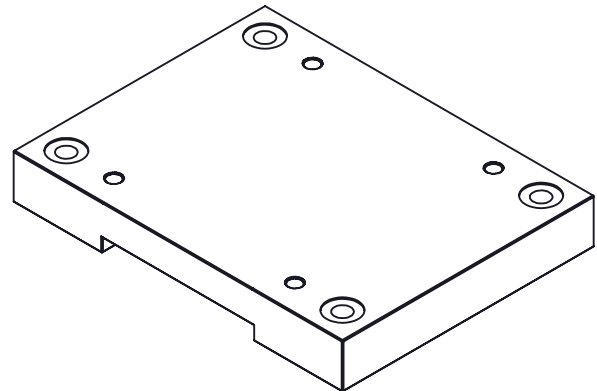
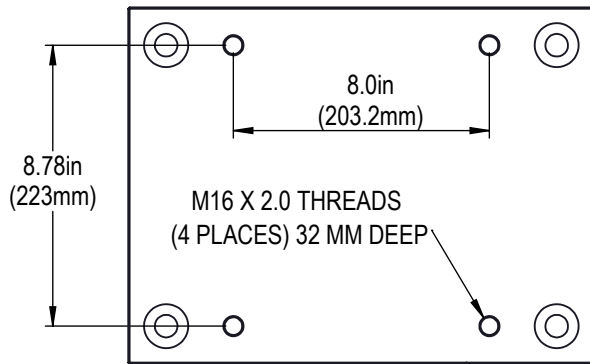
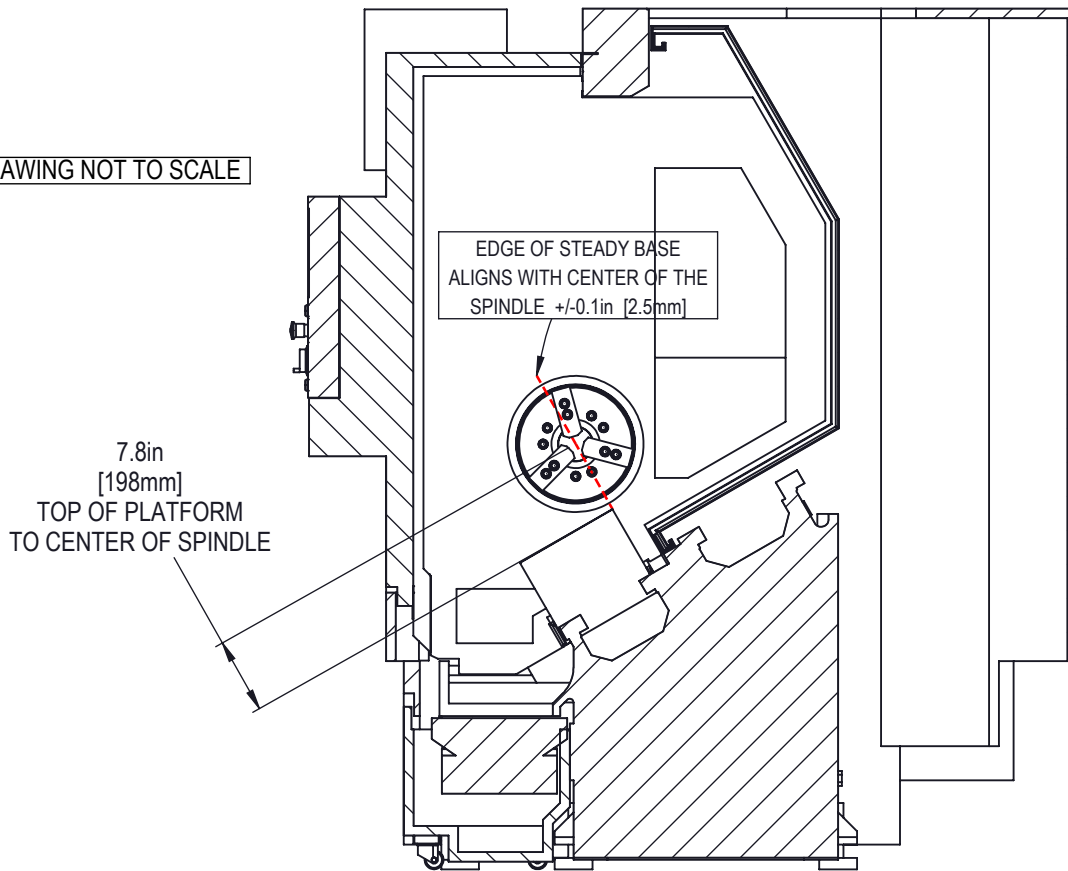
TAILSTOCK BODY IS TOWED AND POSITIONED BY THE Z-AXIS WEDGE



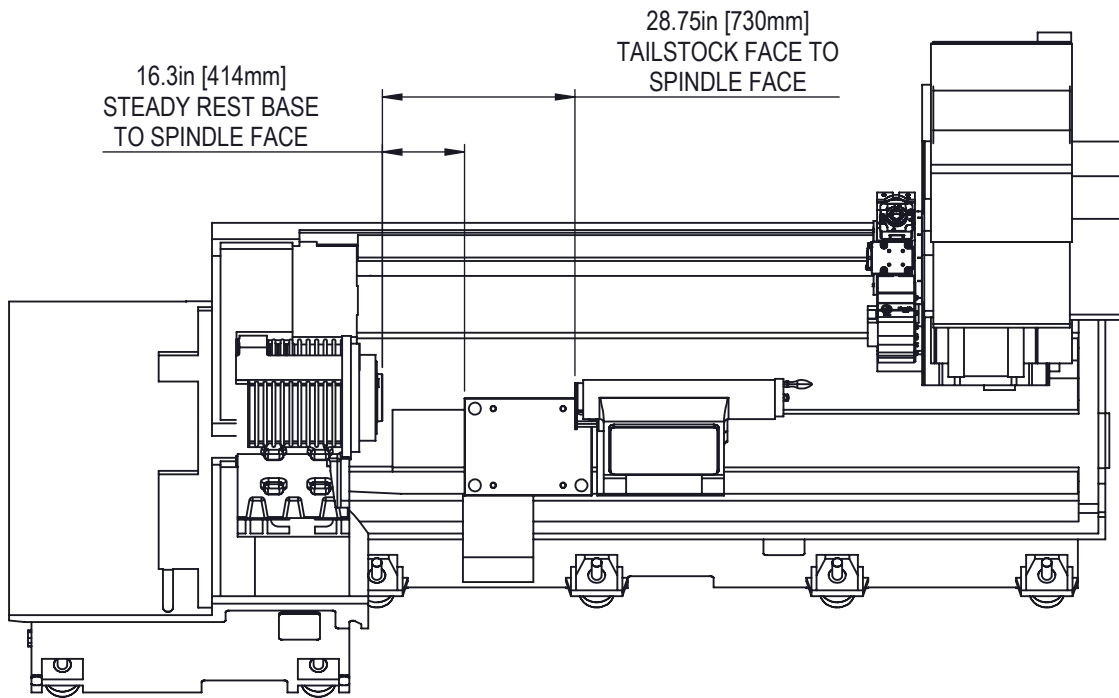
M321 (P) - TAILSTOCK ENGAGE AND POSITION

M322 - TAILSTOCK PARK OR HOME AND DISENGAGE

DRAWING NOT TO SCALE



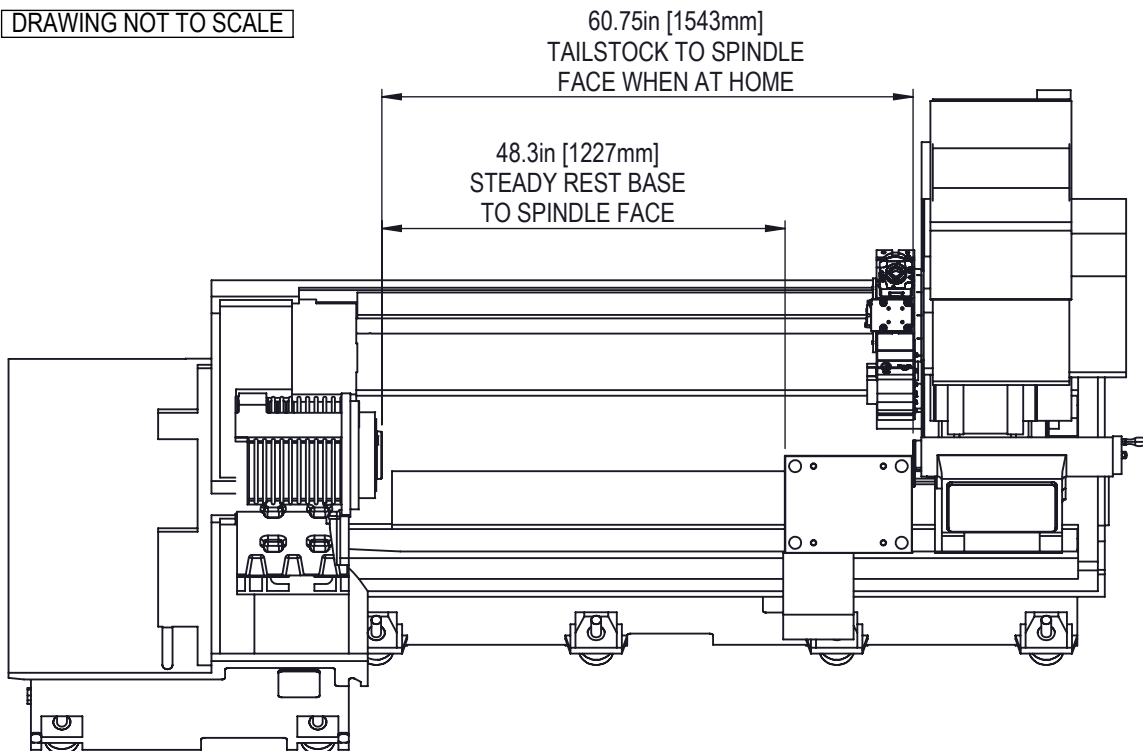
STEADY REST BASE IS TOWED AND POSITIONED BY THE Z-AXIS WEDGE



DRAWING NOT TO SCALE

TAILSTOCK BODY AND STEADY REST BASE ARE TOWED AND POSITIONED BY THE Z-AXIS WEDGE

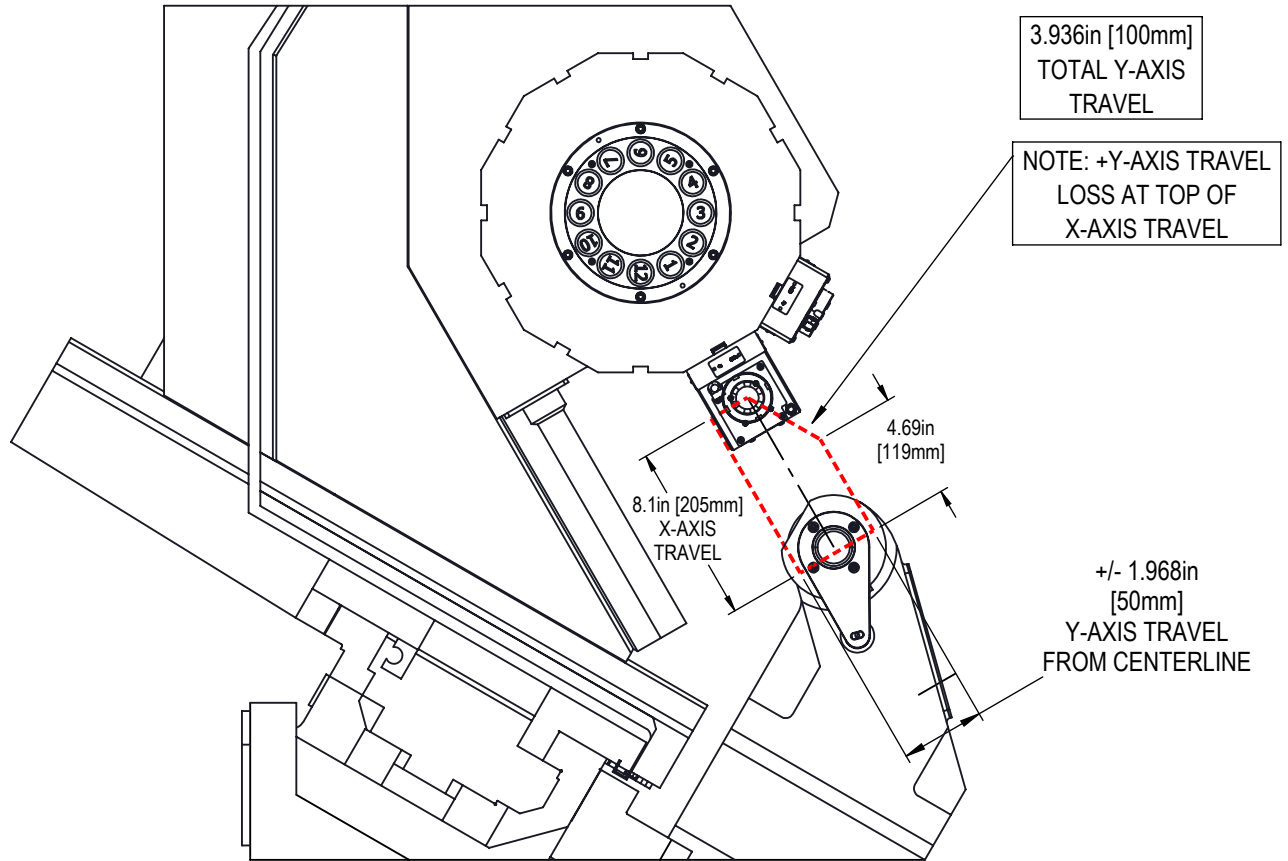
DRAWING NOT TO SCALE



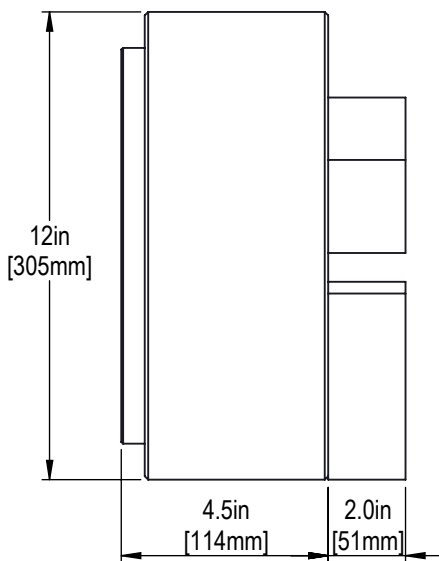
MT5 - QUILL IS ACTUATED BY PROGRAM (M21/M22) OR FOOT PEDAL

M321 (P) - TAILSTOCK ENGAGE AND POSITION

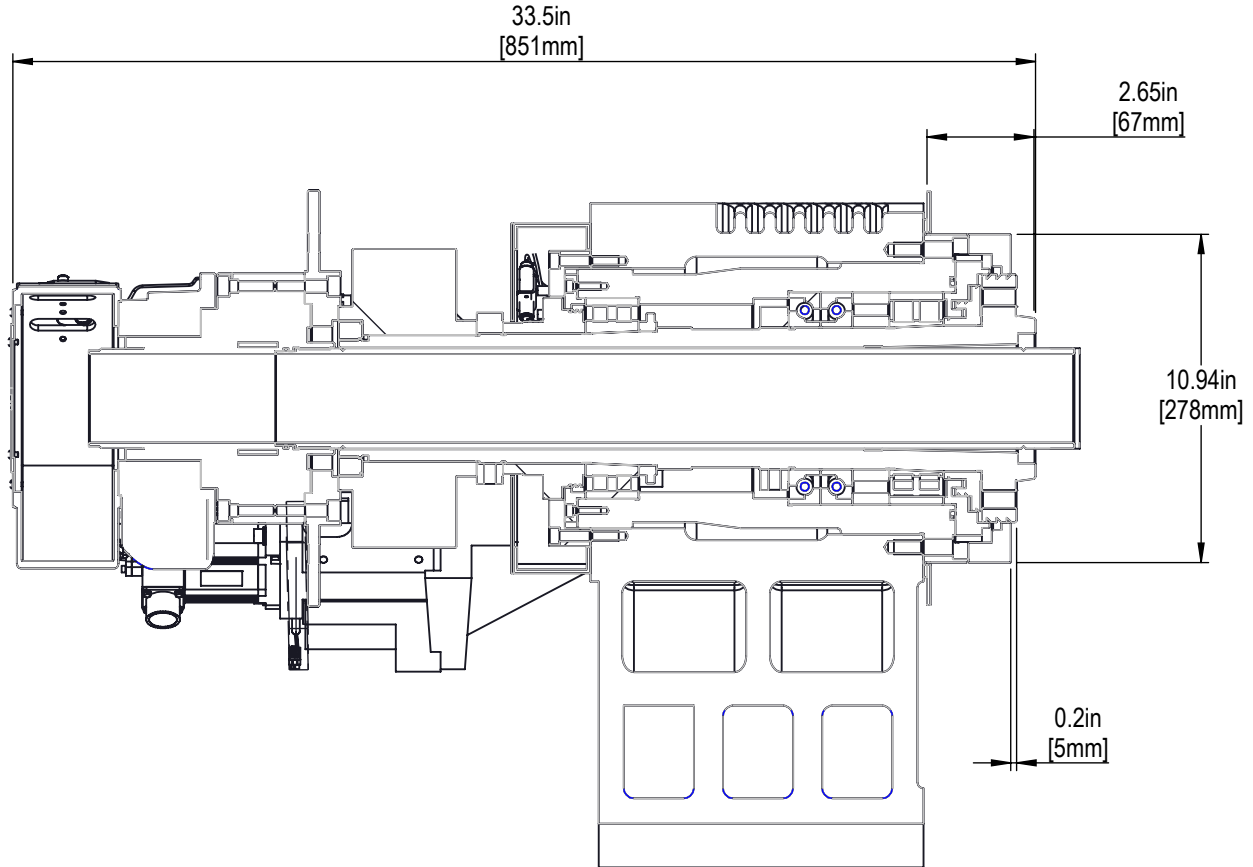
M322 - TAILSTOCK PARK OR HOME AND DISENGAGE



SIDE VIEW



DESCRIPTION	
NOMINAL CHUCK DIAMETER	12in [305mm]
THRU BORE DIAMETER	3.58in [91mm]
NUT THREAD	M115 X 2.0
FACE TO DRAWTUBE EXTENDED	2.6in [66mm]
FACE TO DRAWTUBE RETRACTED	1.6in [41mm]
MASTER JAW SERRATIONS	1.5mm X 60°
MASTER JAW SCREW THREADS	0.63in [16mm]
MASTER JAW SCREW SPACING	1.18in [30mm]
MASTER JAW SLOT WIDTH	0.826in [21mm]
SPINDLE NOSE	A2-8
MAXIMUM SPEED	2500-rpm

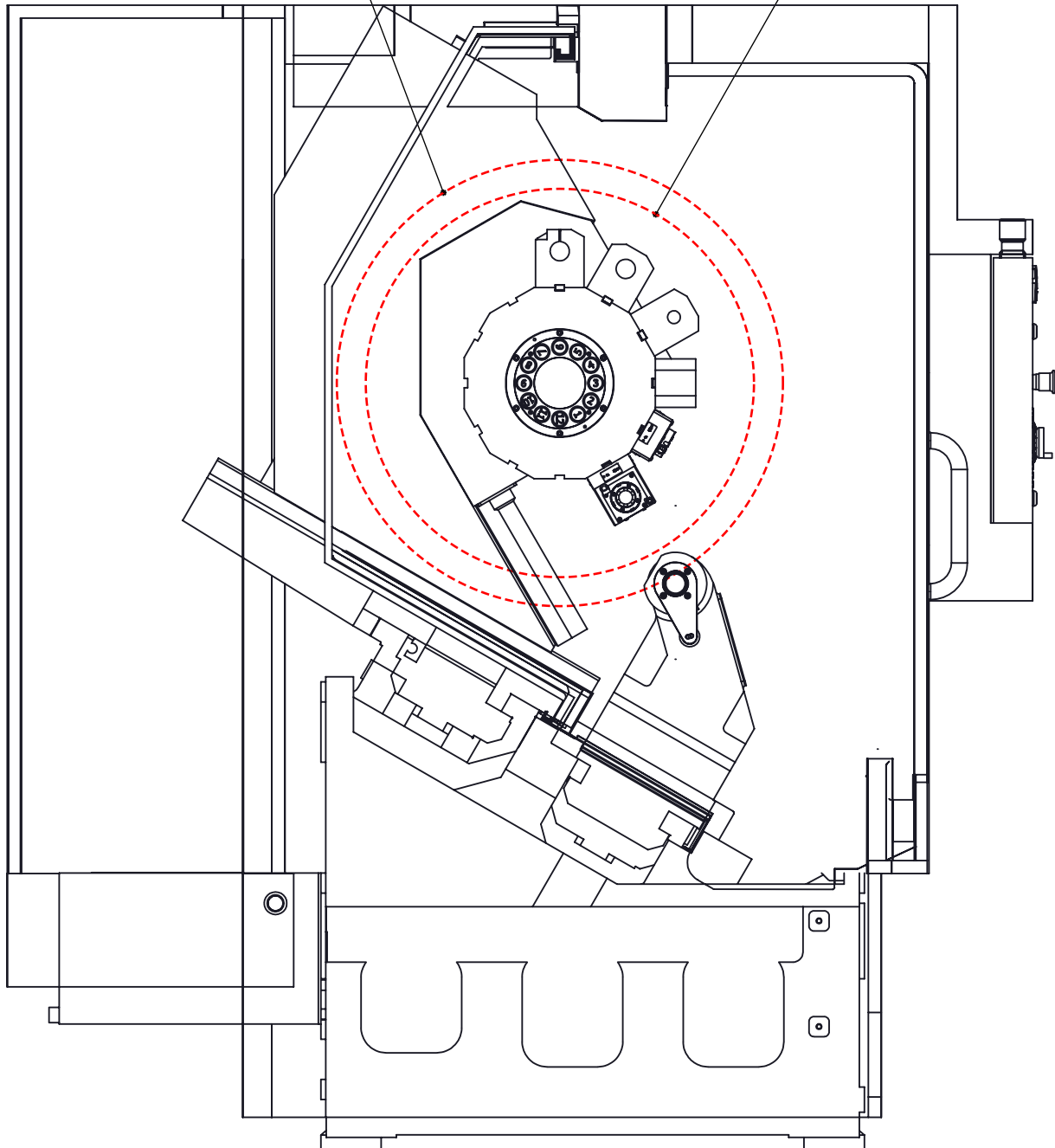


DESCRIPTION	
DRAWTUBE THREAD	M115 x 2.0
DRAWTUBE INTERNAL DIAMETER	3.58in [91 mm]
DRAWTUBE EXTENDED DISTANCE FROM FACE	2.6in [66mm]
DRAWTUBE RETRACTED DISTANCE FROM FACE	1.6in [41mm]
SPINDLE INTERNAL BORE DIAMETER	NONE
SPINDLE INTERNAL COUNTERBORE DIAMETER	NONE
SPINDLE INTERNAL COUNTERBORE DEPTH	NONE

HAAS AUTOMATION STRONGLY RECCOMENDS TAKING DIRECT MEASUREMENTS FROM THE MACHINE FOR THE PURPOSE OF USING 3RD-PARTY WORKHOLDING

Maximum Tool Length from
Turret Side (Periphery) to Waycover
Interference is 11in [280mm]

Maximum Tool Length from
Turret Side (Periphery) to Tailstock
Body is 8in [203mm]



CLEARANCE BEHIND BMT65 TURRET IS 0.5in [13mm]
FROM TURRET FACE. MORE CLEARANCE IF RAISED ON HOLDER