



Productivity Inc®

Mini Mill 2/Super Mini Mill 2 PRE-INSTALLATION CHECKLIST -Rev 01/2009

Installation of your new Haas Mini Mill 2/Super Mini Mill 2 can be smooth and rapid if preparations are made prior to the delivery of your machine. Any questions regarding machine installation should be directed to our service department for clarification. We hope this checklist will aid in a rapid installation of your new machine. **NOTE: The following must be completed prior to our technician arriving at your facility.**

- Power Requirements** for your machine: MM2 – 208v/3ph/9kVa, 30 Amp 240v/1-ph/9kVa, 50 Amp
 SMM2 - 208v/3ph/14kVa, 50 Amp or 460v (see ** below)
 Proper voltage per machine specifications should be ready at machine site. **Do NOT power up machine. If you wish to run the MM2 at 460v, you will need an an External Transformer and a 15 Amp breaker.**

****The Super Mini Mill 2 peaks at 15HP - 208v/3phase/14kVa, 50 Amps (460v/3phase/14kVa, 25 Amps)**

A separate earth ground wire of the same conductor size as the input power must be connected to the chassis of the machine; must be supplied from the main plant ground. A local cold-water pipe or ground rod is not sufficient.

- Customer should furnish and have available the proper supply and types of lubricants required for machine operation.

ITEM	CAPACITY	FLUID TYPE
Coolant	24 gallons	Water Soluble, synthetic
Way Lube*	80 oz	Mobil Vactra #2

*Your machine will arrive with the Way Lubricant in the machine. You do not need to purchase immediately. You will need to have Coolant on hand at the time of installation.

- Air lines should be routed to the machine location and operational for proper air pressure.

The VMC requires a minimum of 100 PSI at 4 cfm at the input to the pressure regulator on the back of the machine. This should be supplied by at least a 1-HP compressor, with a minimum 20-gal tank, that turns on when the pressure drops to 100 PSI. The air must be supplied through a minimum 3/8" hose and fittings must be at least 1/4" NPT.

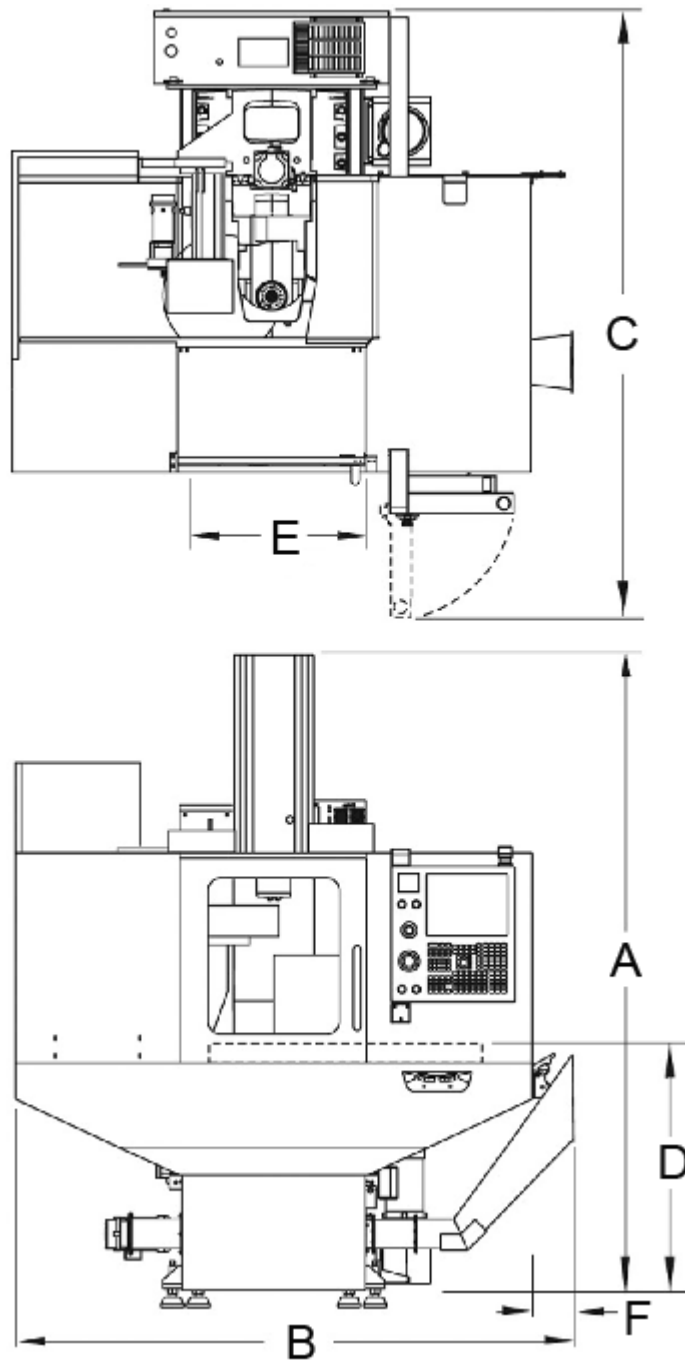
- Machine location should be planned to allow enough room for access panels to be opened and serviced with ease. *A minimum of 36" clearance around the machine is required for access and maintenance.*
- Weight requirements should be checked to insure that the surface below the machine will have sufficient strength for support and stability. The machine must be set on a solid, sound and stable, steel bar-reinforced concrete slab poured directly on the grade. In general, the 6" concrete floor on industrial buildings is suitable for machine placement.
- **The Haas Mini Mill must be moved with a forklift and must have 8' forks. Upon arrival of your machine, uncrate and immediately check for visible damage.**

SHIPPING WEIGHT	SHIPPING DIMENSIONS OF MACHINE
4,000 # (skidded)	6' L x 8'2" W x 8'2" H (on skid)
4,000 # (Oper)	See attached for layout/floor space. (Allow 36" behind the machine for maintenance.)

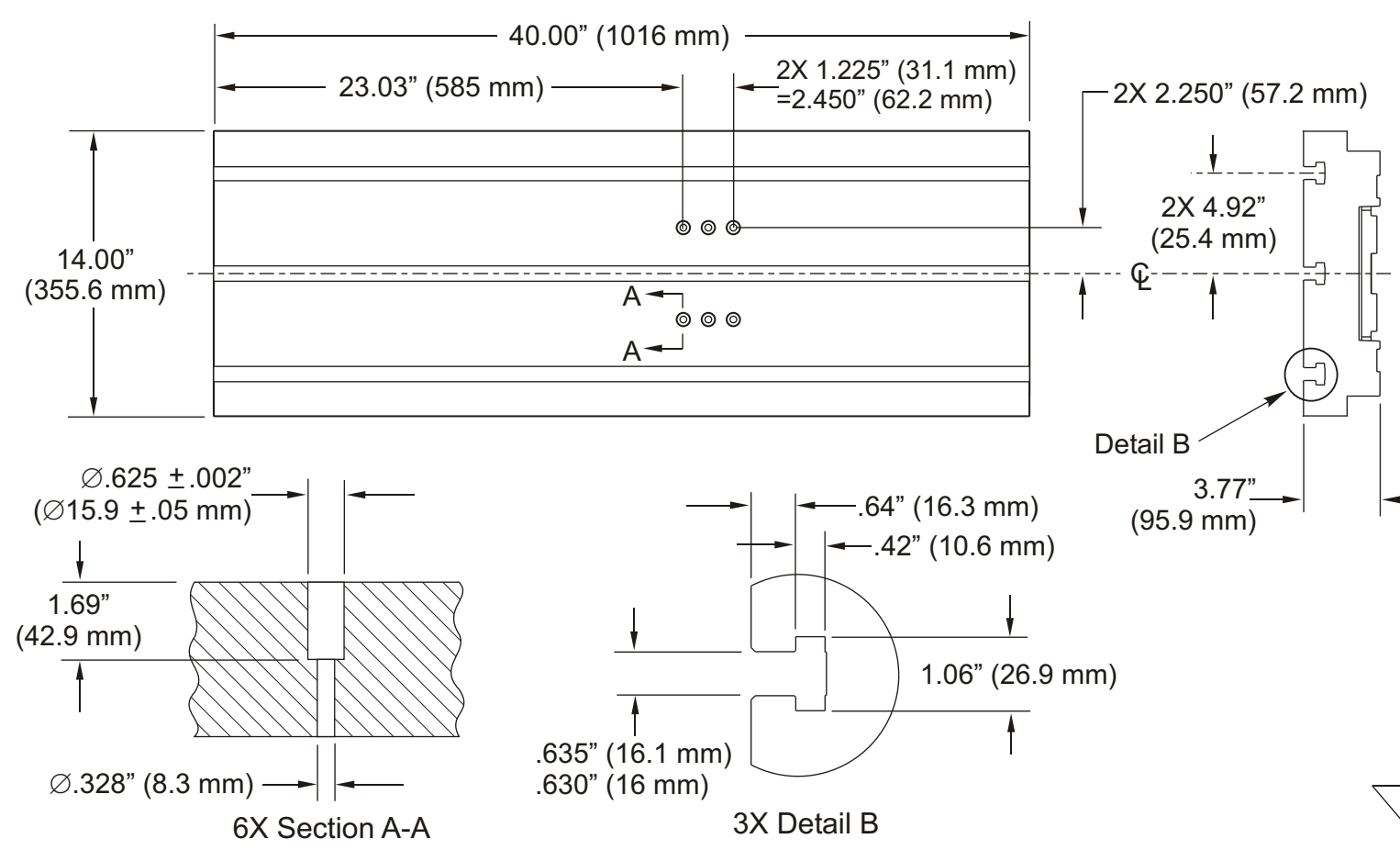
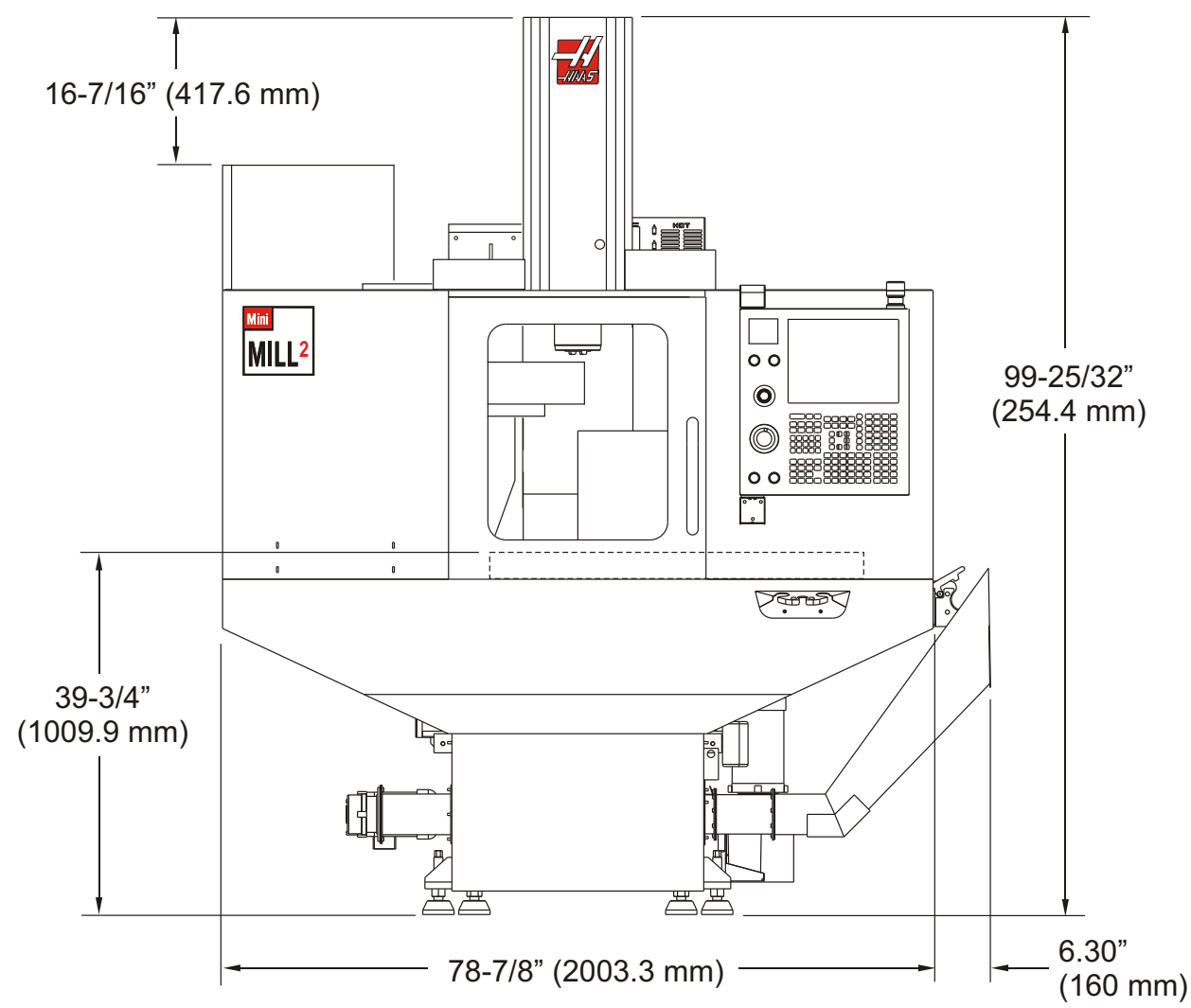
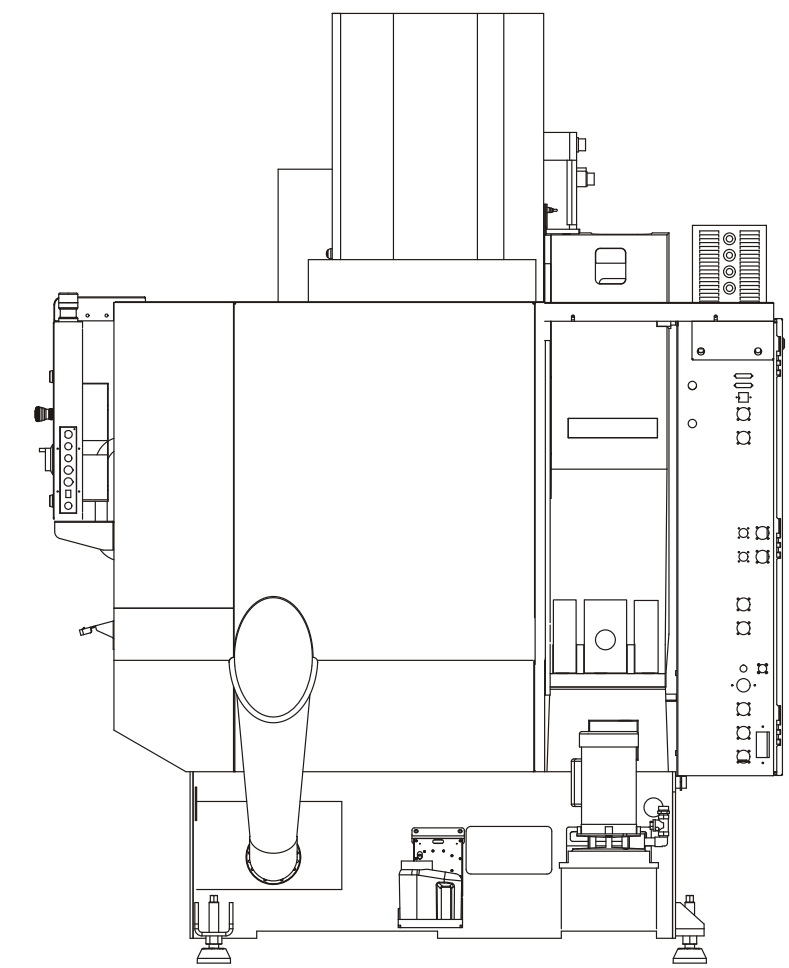
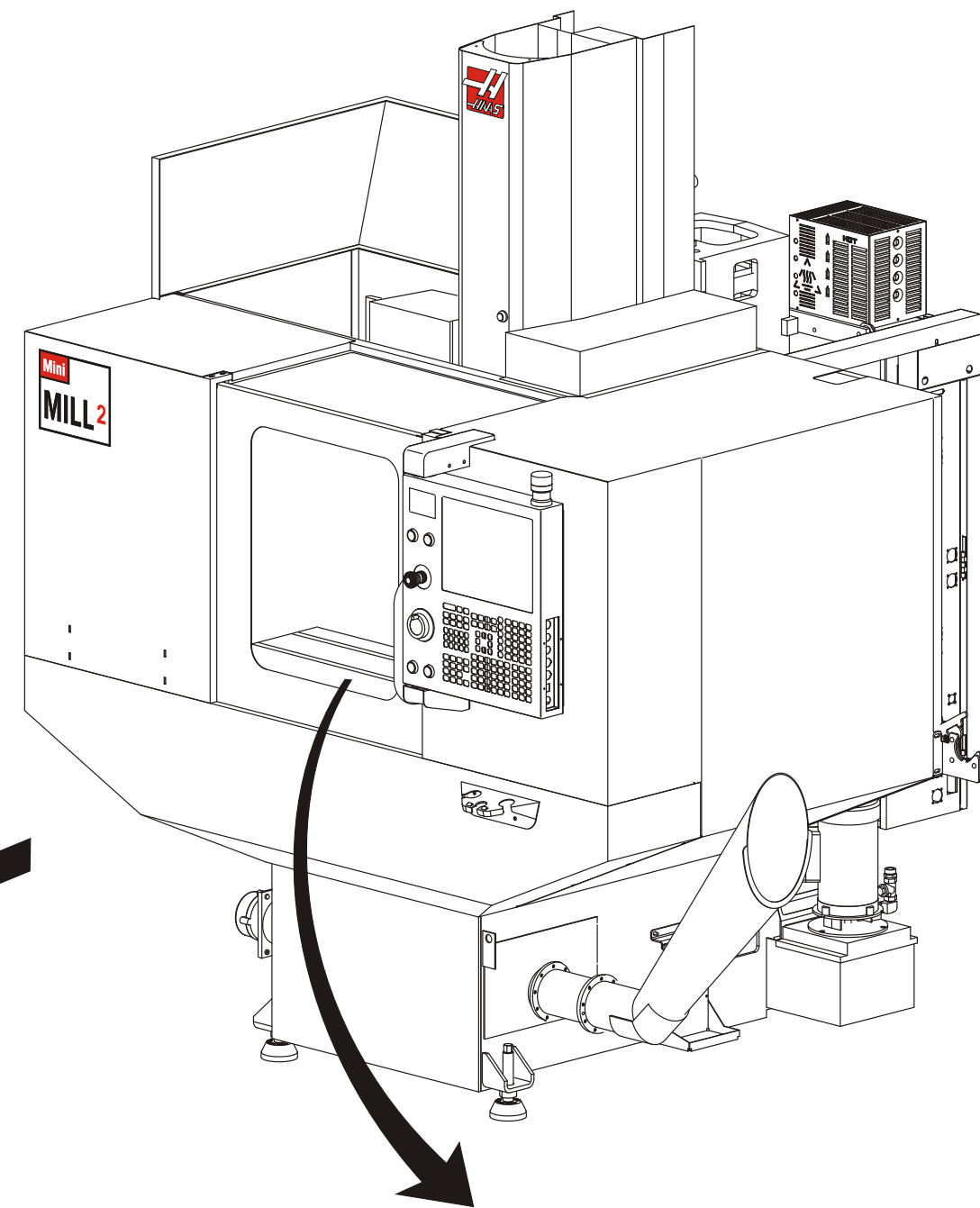
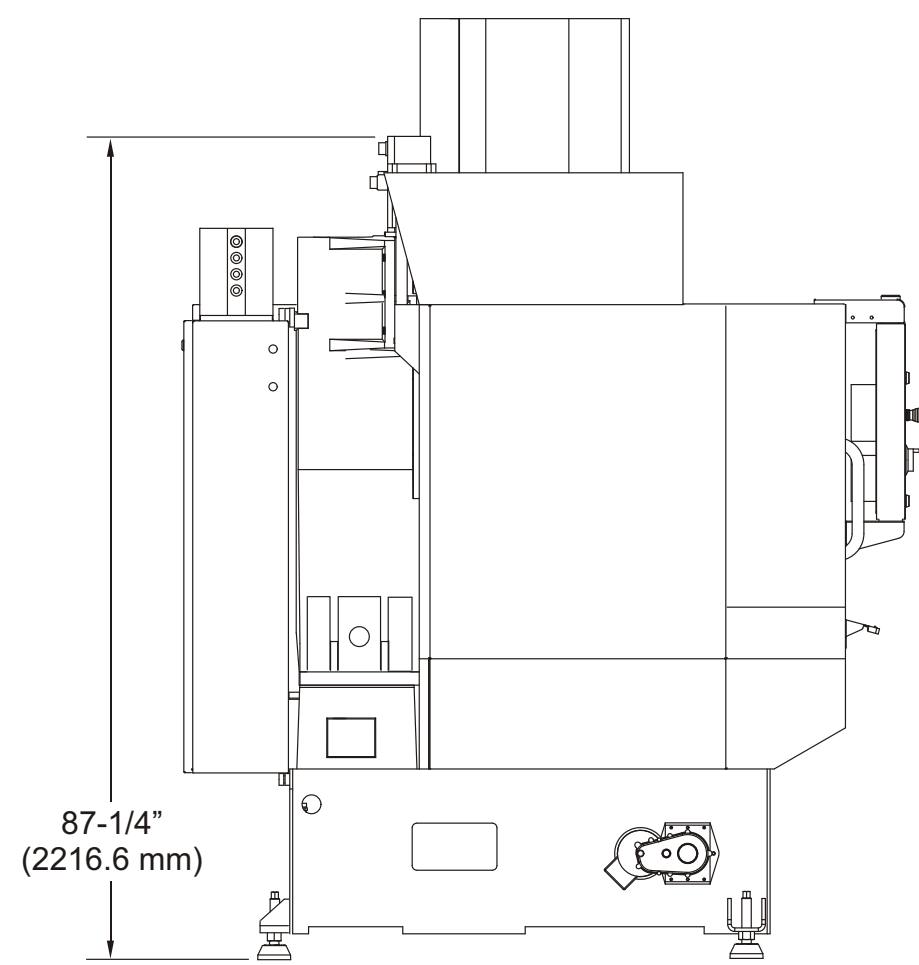
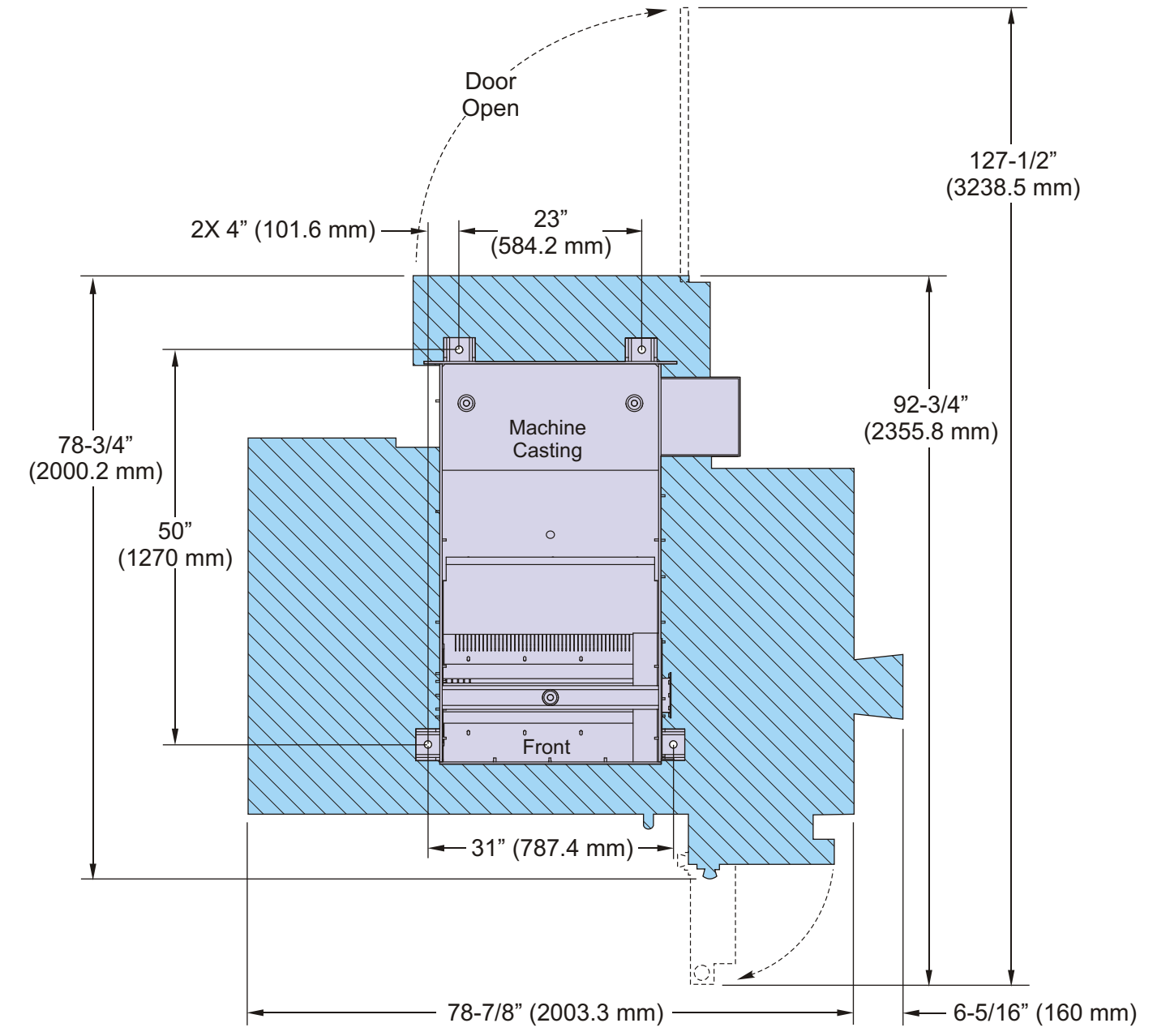
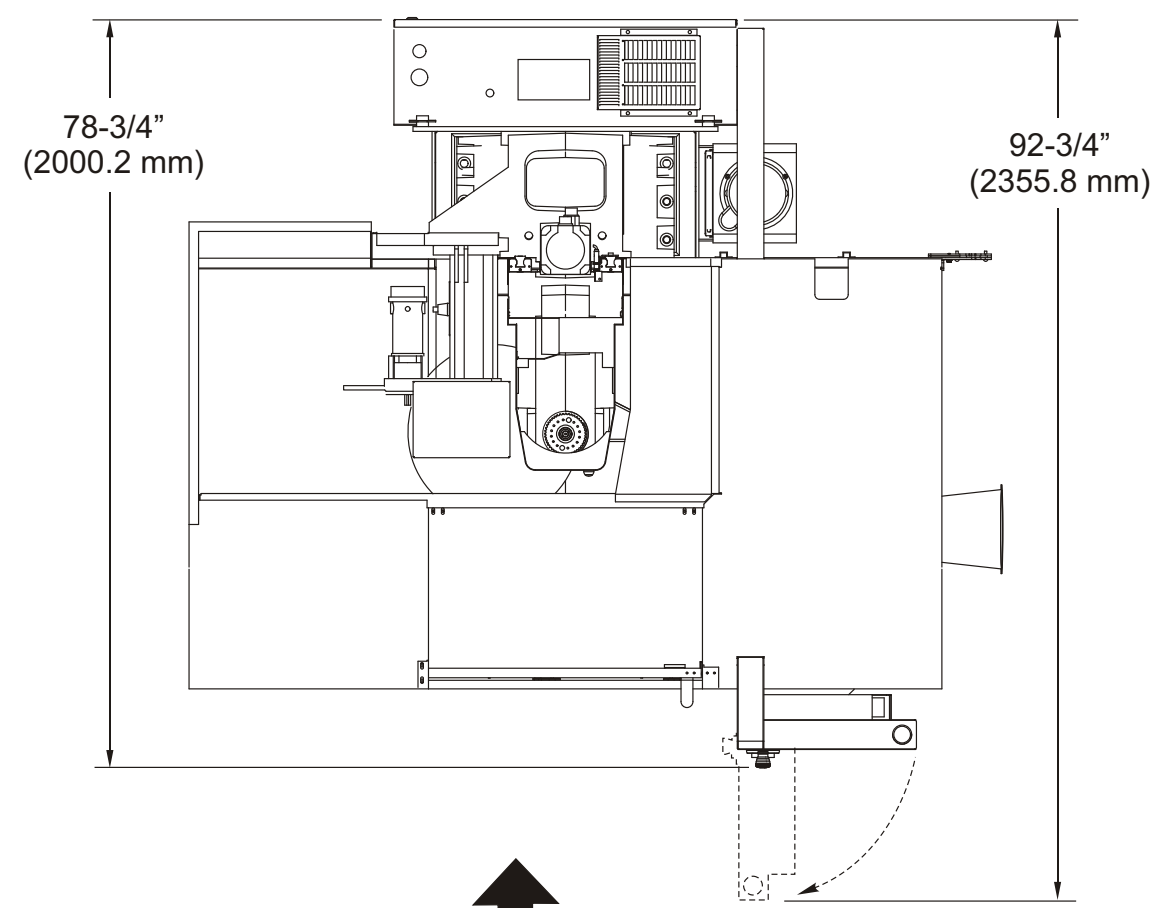
- Remove as much preservative from the machine as possible without having to power up (tables – slides, pulleys, etc.). We recommend mineral spirits to clean. Apply oil when finished to prevent rust.

PLEASE FORWARD THIS TO THE APPROPRIATE PERSON. THANK YOU.

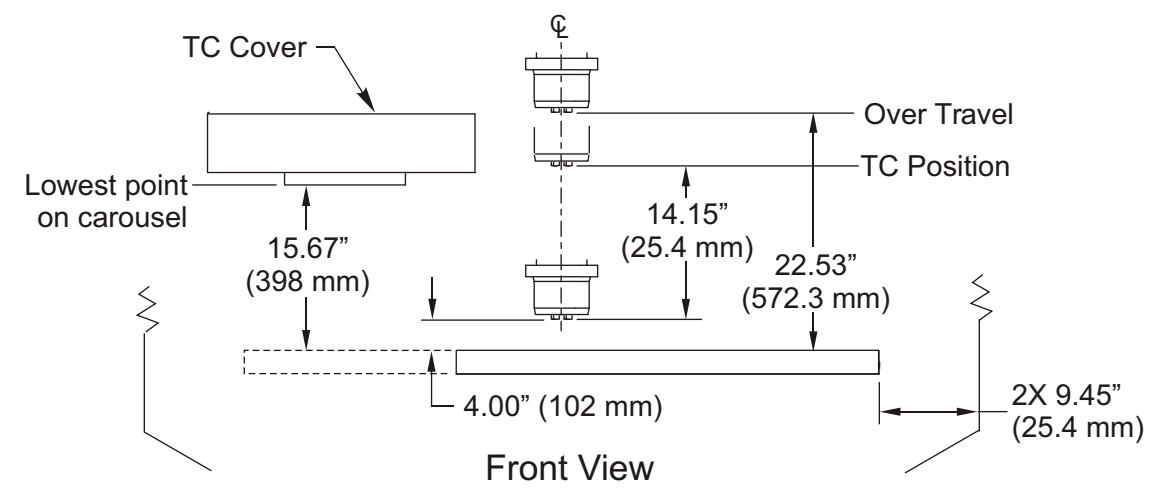
Mini Mill 2/Super Mini Mill 2 Layout/Dimensions



	Mix View	
A	99 "	
B	82 "	
C	93 "	
D	40 "	
E	24 "	
F	7 "	



MM-2 Table 20-9443 Dimensions



MM-2 Stock Work Envelope

