

# TRAK Machine Tools

## Site Preparation Guide

### TRAK K3 with RMX Control

#### Service Manual Link:

[https://www.southwesternindustries.com/media/manuals/29988\\_manual.pdf?rev=72215](https://www.southwesternindustries.com/media/manuals/29988_manual.pdf?rev=72215)

#### Programming Manual Link:

[https://www.southwesternindustries.com/media/manuals/29889\\_manual.pdf](https://www.southwesternindustries.com/media/manuals/29889_manual.pdf)

Before an Authorized Field Service Technician can perform the machine's final checkout, the following requirements must be met:

- The machine must be in position and placed on its rest pads
- To offload the machine, a 6000 lb. forklift with 6' extension is required.
- The machine must be leveled (refer to installation and service manual).
- The machine must be wired (refer to the installation and service manual).
- The machine must have air hooked up if power drawbar is installed (see the installation and service manual).
- The machine must be cleaned. Remove all grease from the way surfaces.

### Space & Weight

- Floor area = 103" x 70"
- Height = 87"
- Footprint = 24.2" x 38.8"
- Net (approx) Weight = 2800 lbs.
- Shipping (approx) Weight = 3100 lbs.
- Pallet Size = 6' x 6', 8" thick
- Allow clearance at the rear of the mill to open and work on the electrical box.
- A solid and level foundation to maintain approximately 2800 lbs. plus the weight of the work piece (maximum total 3700 lbs) is required. Four leveling screws are provided.

### Electrical

#### Non Spindle Control Machines

- A separate 208/480 VAC, 8.5/4.3 Amps minimum, 60 Hz, 3 phase circuit is required to maintain proper operation
- A separate 110 VAC, 10 Amps minimum, 60 Hz circuit is required to maintain proper operation.
- Machine tool must be earth grounded.

#### Spindle Control Machines

- A separate 208/480 VAC, 11 Amps minimum, 60 Hz, 3 phase circuit is required to maintain proper operation
- A separate 110 VAC, 8 Amps minimum, 60 Hz circuit is required to maintain proper operation.
- Machine tool must be earth grounded.

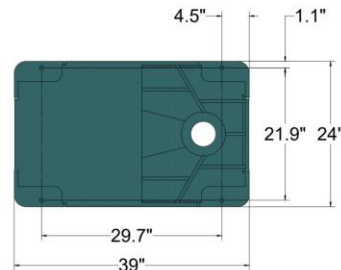
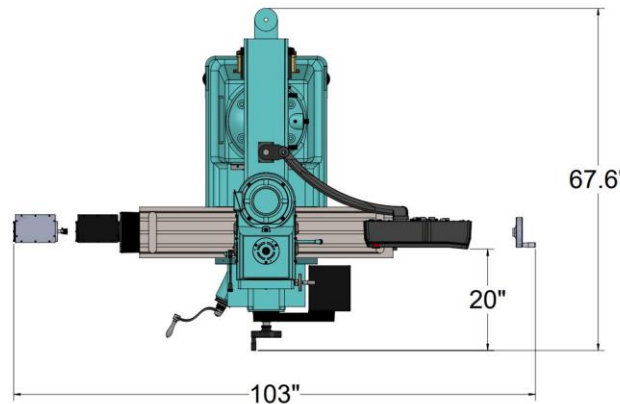
### Air (for optional Power Drawbar)

- 1/4" NPT connection
- Air pressure not to exceed 100 psi
- 17.5 SCFM or 2.5 CFM at 90 psi

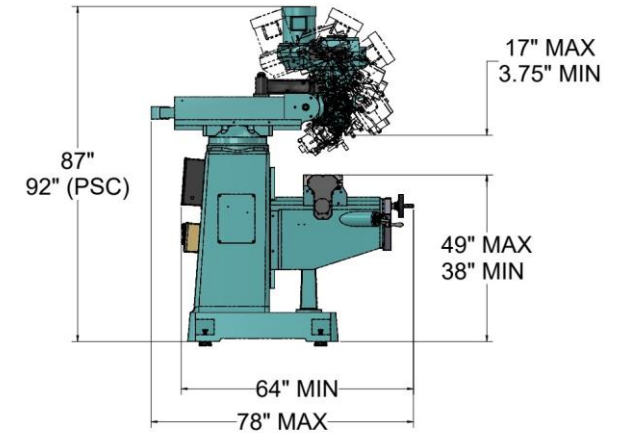
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FRONT OF MACHINE



**NOTE:** 87" is for non spindle control machines and 92" is for spindle control machines

### Coolant Option

- If you have purchased the coolant pump option, please have coolant available at installation. This machine requires 9 gallons.

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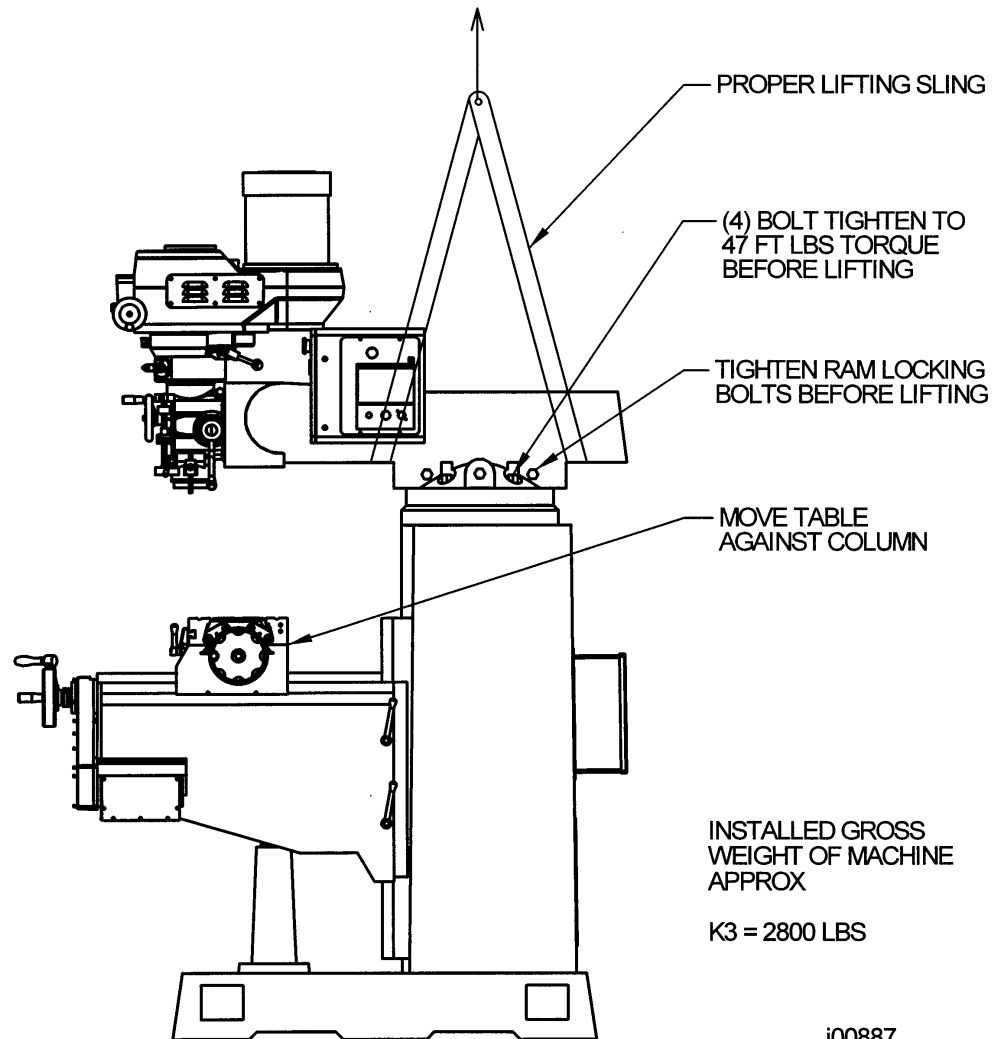
#### Lifting and/or Moving the Machine

#### **CAUTION!**

*Proper equipment of sufficient capacity must be used when lifting and/or moving the machine.*

(See Figure To Prepare the Mill before Lifting):

1. Using a steel cable with protective sleeving (min 3/4" diameter) or a 3-ton sling, position sling loops on machine as shown in Figure.
2. Use cardboard pieces or other suitable protective sheets on both sides of the machine to prevent scratching.
3. Remove the 4 nuts and screws holding the machine to the wood skid.
4. Lift the machine (the machine should lift approximately level).
5. Insert the 4 screws for leveling pads in their place in the bed.
6. Place the machine in its location (see floor plan and bed footprint drawing). Carefully positioning each leveling pad under each leveling screw.
7. Remove the lifting cable or sling and all protective cardboard.



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