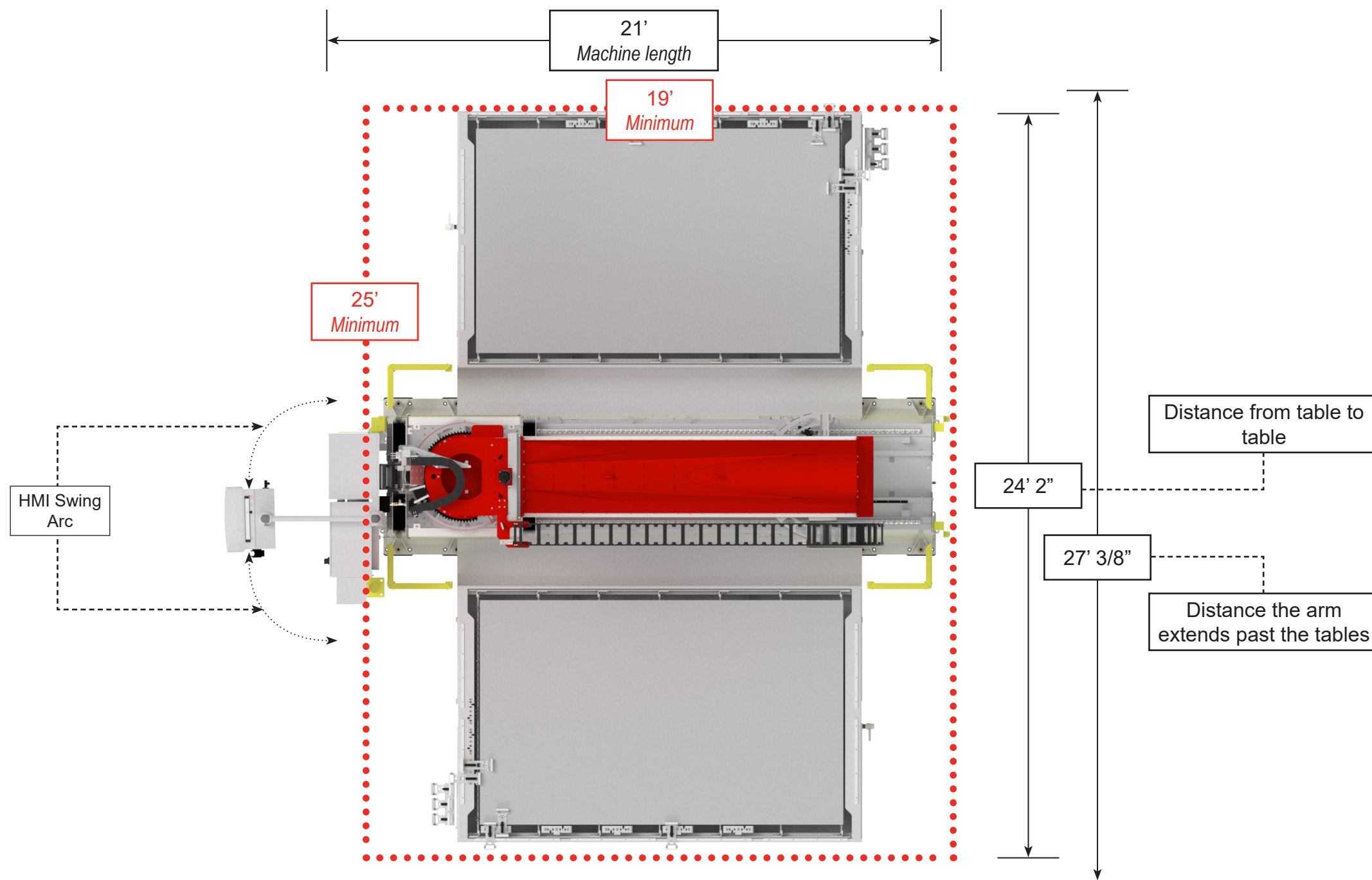




STD HMI w/DynaMAX 350 General Info Layout



NOTE: Red border indicates the minimum continuous 6" slab required.

There are 2 required power hookups with the requirements as listed below:

Javelin Power Requirements:

Note: Incoming supply power must be a 3-phase, 480 VAC, WYE with grounded WYE neutral power configuration.

- 480 volt (+/-10%), 3 phase, 60 Hz, 47.2 Full Load Amps

Site Requirements with Optional Transformer:

- 208 volt (+/-10%), 3 phase, 60 Hz, 108.9 Full Load Amps
- 240 volt (+/-10%), 3 phase, 60 Hz, 94.4 Full Load Amps
- 575 volt (+/-10%), 3 phase, 60 Hz, 39.4 Full Load Amps

Hypertherm DynaMAX 350 Power Requirements:

Note: Incoming supply power may be either a WYE or Delta configuration

- 480 volt (+/-10%), 3 phase, 60 Hz, 59.42 Full Load Amps
- 208 volt (+/-10%), 3 phase, 60 Hz, 137.12 Full Load Amps
- 240 volt (+/-10%), 3 phase, 60 Hz, 118.83 Full Load Amps

Site Requirements with Optional Transformer:

- 575 volt (+/-10%), 3 phase, 60 Hz, 49.60 Full Load Amps

Air Requirements (2 Hookups):

- 80 PSI (min)
- Javelin Machine: 1/2" ID line - 2 SCFM
- Abrasive Tank: 3/8" ID line - 6 SCFM

Water Requirements (3 Hookups):

Machine:

- 1" ID line - 15-25 GPM @ 40-60 PSI

Intensifier:

Cutting Water:

- 1/2" ID line - 2 GPM @ 40-110 PSI

Cooling Water:

- 1/2" ID line 3 GPM @ 40-110 PSI

Floor Requirements:

- All concrete to be ready mixed and of 3000 psi minimum strength at the time of installation.
- Concrete shall be 6" minimum thickness.
- Control joints are acceptable without random cracks.
- Cold joints within the bounds of the machine feet shall be dowel reinforced in accordance with ACI 318.

