



## DRS25 FACILITY REQUIREMENTS

### Electrical (also see Operating Notes):

- Machine Power (3 Phase): 208/230VAC, 50/60Hz, 30 amp (DRS25(T) & DRS25XL(T)), Nema L21-30P
- PC Power: 220VAC, 50/60Hz, 1 amp (power from DRS25)
- Monitor Power: 220VAC, 50/60Hz, 1 amp (power from DRS25)
- Camera Power: FireWire Camera powered from FireWire PC card
- Speaker Power: 120VAC power cube, 60 Hz, 125 ma

### Pneumatic:

#### **2 ports (21 cfm total, 90-130 psi)**

- Upper Heater: 90-130 psi, 3 scfm, air or nitrogen. Clean, dry air (non-condensing) source. 1/8"-27 NPT male fitting x 6' hose supplied.
- Accessories: 90-130 psi, 18 scfm. Clean, dry air (non-condensing) source. 1/4"-18 NPT male fitting x 6' hose supplied.

### Operating Notes - IMPORTANT!:

#### Electrical:

- This system is designed to operate on 220 VAC.
- **Under full load conditions**, power must not drop below 208 VAC. Full load is defined as DRS25 fully operating, plus all other equipment down the line fully operating. If 208 VAC is not met, a buck up transformer or another line must be connected. Under general conditions, expect incoming line voltage to drop approximately 3-10 volts.
- Under no load conditions, power must not exceed 240 VAC. No load is defined as DRS25 off and all other equipment down the line turned off.
- Removing supplied plug will invalidate machine warranty/UL approval.

#### Air/Nitrogen:

- With top heater and accessories operating at 100% flow, system consumes up to 18 scfm @80 psi. With all systems activated, 70 psi. must be maintained. Requires both gas lines be direct plumbed (no quick disconnect).
- These requirements must be addressed prior to the Air-Vac installation and training visit. This will assure that you receive a productive training program within the scheduled visit time.

#### Physical:

- Machine Operating Dimensions (W x D x H): 60" x 40" x 36"
- Machine Weight: 275 lbs.
- Monitor Dimension (W x D x H): 16" x 17" x 17"
- Monitor Weight: 53 lbs.
- Operator Viewing Height (from module base): 21-24" (adjustable height chair recommended)