

Tire Seal Machine



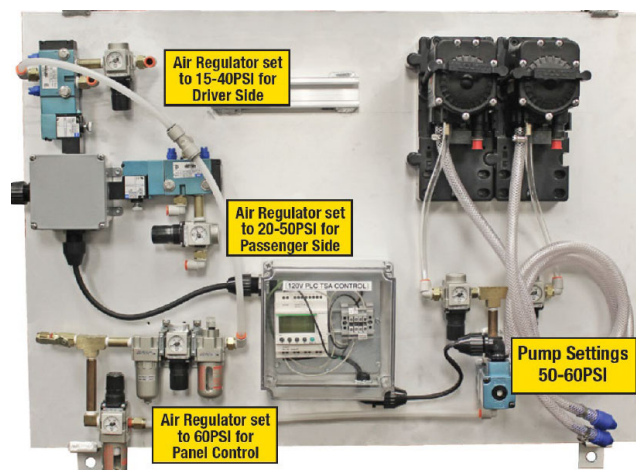
Product Specifications

- Automatic operation triggered by the car wash equipment controller
- Aluminum frame and hangers
- Designed to operate in the drip space of conveyor car washes
- Control panel complete with 2 air driven solution pumps
- Each side has split solution delivery manifolds for solution delivery savings
- 4 bolt spindle type brush mounting
- Grease-able bearings throughout (same as tire brush)
- 14 ft. 2 in. (170") of tunnel length required for passenger side brush 8' unit

Items of Note

- Brush height from finished floor – 6.5 Inches to the Center of the Brush
- PLC allows for chemical savings as volume increases
- Rotation is toward floor and at 40-50 RPM's
- 2 Stainless Steel manifolds per side

Chemical Panel Settings



Preventive Maintenance

Daily

1. Prep the brush for use, by overriding the solution timer and applying excess chemical to brush.
2. Check all lines and fittings for leaks. Repair, or replace, as needed.
3. Check the brush for tears, damage, grease, oil, or foreign objects and clean the brush if necessary, **using water only**, no chemicals.
4. Check retract/extend for proper operation, check for smoothness and correct application pressure.
5. Check for enough chemical for the day's use.



Preventive Maintenance

Weekly

1. Grease all rotational bearings on the brush.
2. Spray lubricant on the clevis pins on both ends of the retract cylinders
3. Cycle hot water through the system

Monthly

1. Grease all pivotal bearings on the hanger framework
2. Inspecting all hardware and fittings for tightness.



Air Dryers



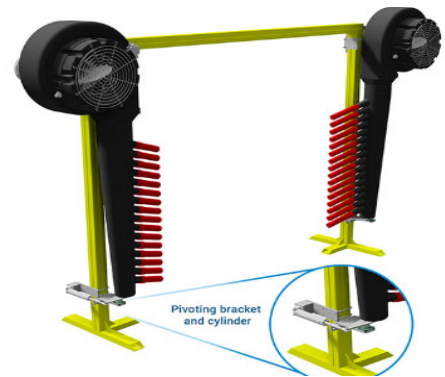
Product Specifications

- 10 & 15 horsepower air producers standard.
- Each 15HP air producer delivers 4400CFM (cubic feet per minute) of air.
- Each 10HP air producer delivers 3800CFM (cubic feet per minute) of air.
- Models with side air producers require 185 inches of wash tunnel width.
- Gator option reduces electric consumption and has instant close feature to stop air flow for truck bed.
- Top Flip nozzles to better dry the rear of SUVs.

Gators



Flip and Follow



Nozzle Configurations



Quiet Options (Low HP)



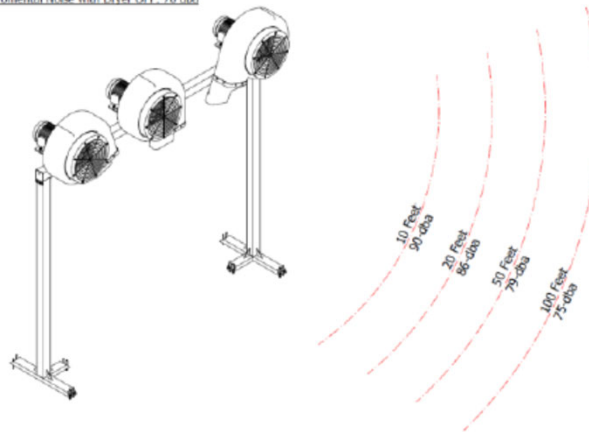
Items of Note

- WIRE ALL AIR PRODUCER THREE PHASE MOTORS FOR A "STAGGER" START. THAT IS, NO MORE THAN ONE MOTOR SHOULD BE STARTED AT THE SAME TIME!
- SPECIAL NOTE:
- DO NOT USE WIRE NUTS TO CONNECT 3 PHASE WIRING AT THE ELECTRIC MOTOR TERMINAL BOX!!! ONLY USE SPLIT BOLT TYPE CONNECTORS WITH ELECTRICAL INSULATION TAPE AND RUBBER INSULATOR BOOTS!!!
- Pictured is a split bolt connector available from Grainger.



Items of Note

Environmental Noise with Dryer OFF: 70 dba



Items of Note

Electrical Specifications for Air Dryer Motors

HP	Volt	Amp	RPM
15	208	40	3600
15	230	35	3600
15	460	17.7	3600
10	208	26.7	3600
10	230	23.8	3600
10	460	11.9	3600

Items of Note for Regular Housings

Air dryer efficiency is best when each air producer impeller (fan) is rotating in the proper direction. **Red Taper lock(15HP)** and **Black Taper lock (10HP)** impellers rotate clockwise (CW).

Green Taper lock (15HP) and **Blue Taper lock (10HP)** impellers rotate counterclockwise (CCW). **Impeller direction of rotation is as viewed from the rear of the electric motor.**

Items of Note for Mammouth Dryers

- Mammouth blowers have color coded impellers.
- CW rotation impeller is gray
- CCW rotation impeller is blue.



Preventive Maintenance

Daily

1. Check each producer for proper operation, listening for any unusual noises and correct the cause of any unusual vibration.
2. Remove any debris from the air inlet screen on the air producers.

Weekly

1. Spray lubricant on the optional flip nozzle air cylinder rod end and rear clevises.

Monthly

1. Inspecting all hardware and fittings for tightness.
2. Thoroughly clean the framework, blower housing and each impeller of dirt and debris.

Preventive Maintenance

Annually

1. Measure and Record Full Load Amp Readings.
 - a. Measure and record, full load current readings from each of the three legs of each of the three phase electric motors.
 - b. If the differential of current load exceeds 10% between the legs, or the balanced load current of all three legs has increased over 10% since the most recent measurements, order a replacement motor.
 - c. Record readings in the semi-annual log.
2. Grease all electrical motors on the Dryer System assembly with a high-temperature grease, rated for at least 160-degree Fahrenheit. (if applicable)