

BREWER COTE [®] *of Arizona*

INSTRUCTIONS **Air Operated Dual Diaphragm Pump**

Crack Preparation

- 1 Clean Cracks thoroughly before filling, by removing all dust, dirt, vegetation, or any loose particles.
- 2 Use air pressure from compressor, air blower, router, or high pressure water to clean. If water is used, be Sure all standing water is removed before filling cracks.
- 3 For deep cracks, insert backer rod at a depth of ¼” to ½”.

Instructions for Pump Operation

- 1 All necessary safety clothing and goggles should be worn while operating and cleaning equipment.
- 2 Remove drum lid and place retrofitted lid on drum.
- 3 Be sure wand valve is closed completely.
- 4 Hook up air source.
- 5 Set pump Regulator at 80 PSI or less
- 6 Open circulation valve W/Wand closed. Allow product flow through system for 5 minutes.
- 7 Open wand Valve wide open. Close down circulation valve until you get desired flow out of wand.
- 8 When pump is not running, be sure intake tube is submerged in product. Place wand in 5 gallon pail of water when not in use – this will keep product from drying on wand or thickening within the system, causing blockage or reducing flow of product.

Trouble Shooting

- 1 **IF PUMP DOES NOT START UP:** Check air source.
- 2 **IF PUMP CONTINUES TO RUN WHEN ALL VALVES ARE SHUT OFF:** Check all connections for leaks. Check all bolts for tightness.

System Cleaning Requirements

- 1 You must have a 455 gallon drum at least 50% full of water for proper clean-up of pump system. Add 4 to 6 oz. of heavy duty soap to water.
- 2 Use a 5 gallon pail to catch the clean-out water.
- 3 Allow pump to run 5 minutes to clean product from pump and wand, flushing into container so clean-up Water can be disposed of properly.
- 4 After pump and hose/wand have been cleaned of all product, close wand completely, fully open circulation Valve, allow to flush 2 to 3 minutes within drum of water.
- 5 Proper Clean-up cannot be achieved unless water is pumped through system with air pump for 5 to 10 Minutes (The circulation of water with pump running should be done in the field.)
- 6 Remove pump/lid from water drum. Flush system with water hose until clean water comes out each opening, including hose/wand. (water hose flush can be done when you return to service yard.)
- 7 The system should never be stored without proper cleaning, not even over-night.
- 8 All clean-up materials should be disposed of properly.

“The Pavement Maintenance Specialists”

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