



ShotPump and Pan Mixer

PRODUCT INFORMATION

The Phoscrete® ShotPump™ and Pan Mixer System mixes, pumps, and sprays Phoscrete MPC concretes with ease!

- Simple, versatile, and dependable
- No internal parts in contact with material
- Ease of operation and cleaning



Phoscrete ShotPump with optional Pan Mixer

Standard Configuration

ShotPump

18-Gallon Hopper

1.5 cf. pumping capacity with Phoscrete MPC (3 kits)

Pneumatic Motor

Requires minimum 125 cfm air compressor at 90 psi

1" ID air supply line from compressor to pump

3/8" ID airline from pump to spray nozzle

Material Lines

Clear 1.5" ID reinforced material line w/ QQ couplings and double hose adapter provided in 20' and 30' lengths

2 Spray Nozzles Provided

Requires 90 cfm @ 25 psi

8-jet shotcrete nozzle gun

8-jet stucco spray nozzle gun

Pan Mixer

30-gallon hopper

Requires 80 cfm @ 90 psi

1.5 cf. mixing capacity with Phoscrete MPC (3 kits)



Introduction

Transform your concrete repair process with the Phoscrete ShotPump system. This system is not just a tool; it's a game-changer in the world of concrete repairs, enabling maintenance crews to self-perform more complex repairs with ease and confidence, that would typically require a certified shotcrete contractor saving time and resources while delivering high-quality results.

Innovative Technology

ShotPump utilizes the peristaltic principle for efficient and forceful material propulsion, mirroring the efficiency of the human digestive system.

Design Advantages

- **Optimized Hopper Design:** The parabolic hopper ensures smooth material flow and prevents clogging.
- **Efficient Couplings:** Quik-Flo couplings are designed to reduce pumping pressures and horsepower requirements.
- **Reliable Spray Nozzles:** The 8-jet venturi spray nozzles are specifically designed to avoid clogging and plugs.
- **Compatible with Phoscrete Pan Mixer:** Efficiently mix up to three kits of Phoscrete, MPC, streamlining the mixing, pumping and/or spraying process.

Customization Options

Pneumatic, electric (220v), and hydraulic motors available, all providing constant torque and adaptable speed for varied application needs.

Larger capacity models available.

Performance Advantages

- **Unparalleled Durability:** Capable of running dry indefinitely without damage, outperforming traditional progressive cavity or rotor/stator pumps.
- **Mix, pump, and spray Phoscrete MPC concretes** with remarkable ease.

Application and Usage

The ShotPump system is designed for contractors and concrete repair maintenance crews performing larger volume vertical and overhead (spray) and cast-in-place (pump) structural concrete repairs.

Simple Cleaning

Sponge balls are inserted into the hopper and pushed through the material hose and nozzle by the pumping action with clean water, cleaning out all material lines and the spray nozzle.

Connect with Us:

Learn more about how the Phoscrete ShotPump can elevate your concrete repair capabilities. Contact us to find out if the Phoscrete MPC and the ShotPump system is a good fit for your concrete repair projects.