

The Revolution Pump

The only portable system on the market for slab lifting with foam

Concrete slab lifting and void filling with polyurethane foam is fairly recent innovation that is faster, cleaner, and usually less expensive than mudjacking. And if tight access or underground pipes are issues, foam lifting is the only choice beside replacement.

Slab lifting with foam is a profitable addition to your service line. The award-winning Revolution from Prime Resins offers high performance in a compact, portable package. This is the only truly portable slab lifting system on the market.

The Revolution is a two-component slab lifting pump that uses gear-driven technology. Unlike piston pumps, the simplicity of one continuous rotary motion means exceptional output efficiency plus less energy and wear and tear. The Revolution is a medium-pressure pump that runs on standard 110-volt power, with on-board heaters and a built-in recirculation system. This is a combination of features you won't find on any other pump.



Power Requirements	120v @ 20 amps
Output Pressure	0-1200 psi
Max. Delivery	1.25 GPM
Heated Discharge Hoses	3/8" x 25'

The Equalizer Gun

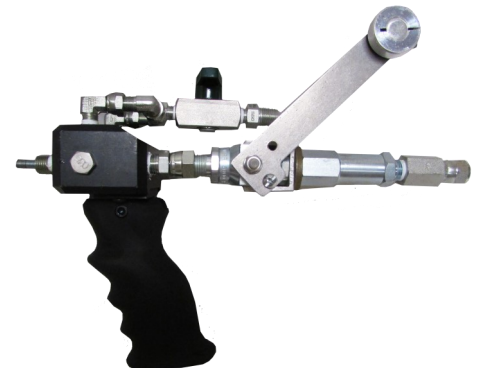
(Included with Revolution purchase. Not sold separately.)

Uses:

- Concrete leveling – slab jacking
- Void filling
- Soil stabilization

Advantages:

- No O-rings
- Versatile – Three injector sizes for various viscosity materials and ratios
- Quick and easy maintenance
- Button head port connection system for soil grouting applications
- Screw-on port for concrete leveling, slab lifting applications



The Equalizer Gun (continued)

Conventional impingement guns do not like back pressure. Too much back pressure and the gun crosses over, resulting in labor-intensive gun rebuilds, down time, replacement parts and, in some cases, lost hoses. Back pressure at the spray tip is inherent to leveling slabs, void filling, and soil stabilization. The Equalizer is built to handle that pressure.

Aside from the flow control valves, this gun has no internal moving parts and NO O-rings, which makes maintenance quick and inexpensive.

Do you spend hundreds of dollars a year on replacement parts for other guns? Do you lose hours of work time rebuilding, repairing or replacing your existing gun? Do you spend hundreds of dollars on injection ports? If so, the Equalizer is the answer.

Requirements:

A small electric airless sprayer like the Titan Advantage 100, Titan Impact series or similar sprayer is required to pump flush water to the gun head.

The award-winning **Prime Resins Revolution compact slab lifting system** includes four key components engineered and optimized to work as one:

- **Precision Lift Foam** – a high-density, structural polymer that expands and develops hydraulic lift to level and stabilize slabs. No shrinkage+3.5# density= no call backs for crushing foams.
- **Revolution Pump** – a rotary workhorse running on 110 volts with onboard heaters and built-in recirculation system.
- **Equalizer Gun** – an impingement mixer that helps equalize pressure from the different viscosities of A and B components without crossing over.
- **Prime Practice** – proven how-to procedures for a controlled lift within 1/10" of the desired grade.
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We sell the equipment and supplies you need including chemical grouts, pumps, injection accessories, guns and more. Consult our website at www.primeresins.com/products.

This information is a guide for your product selection. No two jobs are exactly the same. Call us to discuss your project so we can recommend the right products and supplies for your job.

Call us today at **1-800-321-7212**.