

Pumps

The Revolution Pump

The Revolution is the only truly portable slab lifting pump on the market, designed to fit through a standard doorway. The unit is ideal for accessing tight spaces, including pool decks, basements and buildings. 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 use and wear and tear. The Revolution is a medium-pressure pump that runs on standard 120-volt power, with on-board heaters, heated hoses, 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 Patriot Pump

The Patriot pump is a rotary gear type positive displacement medium pressure metering pump. This pump packs a tremendous amount of power, efficiency and versatility in a platform that can easily be handled and operated by a single person. Whether you are applying polyurea joint fill, low/medium pressure polyurea spray or polyurethane stabilization foams. The Patriot Pump will tackle the most daunting tasks at the greatest ease. It can be outfitted with a variety of dispense guns depending on the specific needs of the applicator.



Power	120vac @ 6 amps
Max output	.8 gpm
Max pressure	800 psi
Max hose length	50 feet (comes standard with 25)
Tank size	2.5 gallons per side (5 gallons total)

Technical Datasheet



PMC PA and PF Series air or hydraulic proportioners

Hydraulic or air-driven proportioners from PMC are ideally suited for slab lifting using our Precision Lift™ products or polyurea lining projects using our Prime Guard™ series.

Applications include raising sunken concrete slabs, filling voids, and stabilizing soil (compaction grouting). These machines can also be used for spray foam insulation applications. Prime Resins is an authorized PMC dealer. The PH series features an easy to service pump base; machine functions are controlled by proven relay logic technology, which allows for easy in the field troubleshooting and low cost repairs since there are no printed circuit control boards. Other features include high efficiency mass style heaters, improved heated hose assemblies, and an innovative temperature sensing unit designed for clean, inexpensive on the job replacement.

See www.polymac-usa.com for specs of the various models.



PH40



PH2

The FlowMaster

The FlowMaster is a powerful yet simple air-operated unit featuring consistent air pressure from a 7" air motor with instantaneous reversing, delivering uniform fluid/mixing pressure. The FlowMaster operates from a separate air source. This equipment is ideally suited for pumping the Prime Resins line of polyurea joint fillers and dual-component polyurethane resins, such as Joint Shield 5500 Polyurea 95A and Prime Flex 985.

Total Air Requirements at 1gpm (3.8 lpm) Output: 2.5 GPM – 33 CFM @ 100 PSI

Output Pressure:	Max working PSI = 2000 PSI
Output Ratio:	1:1 (2:1 OPTIONAL)
Discharge Hoses:	1/4" x 2—25' standard (200' max)
Tanks:	Two, 10-gallons full drain polypropylene



Technical Datasheet



The M2

The M2 is a powerful and versatile multi-ratio, air-operated unit with a max output ratio of 600 PSI. It was designed for everyday use with the municipal grout crew in mind. The M2 consists of two air motors and pumps that operate independently of each other, mounted on a portable wheeled cart. The M2 is ideally suited for pumping Hydro Gel SX at multiple ratios or Prime Flex 900 XLV at a 1:1 ratio with water. It can also be used to pump many of the Prime Flex products as a single-component material. Operator manually controls the mix ratio.



Power Requirement:	Air, 100 PSI working pressure, 42 CFM max
Output Pressure:	600 PSI max
Output Ratio:	Variable
Discharge Hoses:	1/4" x 2 - 25' standard (200' max)

Titan Airless Pumps: Modified

Impact: Prime Resins is a Titan authorized dealer. These small, lightweight yet durable electric pumps can deliver any of our single-component Prime Flex products. These are modified specifically for chemical injection. Use in combination with our 1/2" or 5/8" packers, Bang-in Ports or grout needle. Delivering 1.2 HP and 1.55 HP respectively, the Titan Impact pumps are versatile and economical choices for chemical grout injection. Includes a 685-H 4500 PSI high pressure valve and 50' hose.



The PowrTwin 6900 Plus and 8900 are designed for large-scale projects and feature either a gas engine or electric motor. These pumps deliver the higher volume output required for large projects. Includes a 685-H 4500 PSI high pressure valve and 50' hose.

Model:	Titan 410	Titan 440	Titan 640	Titan 6900	Titan 6900 Plus	Titan 8900
Power requirement	Electric	Electric	Electric	Gas / Electric	Gas / Electric	Gas / Electric
Output pressure	0 - 3100 psi	0 - 3300 psi	0 - 3300 psi	400—3,600 psi	400 - 3,600 psi	400 - 3,600 psi
Max delivery	.47 GPM	.54 GPM	.7 GPM	2.25 GPM gas 1.25 GPM electric	2.35 GPM gas 1.25 GPM electric	2.35 GPM gas 1.25 GPM electric
Discharge hoses	1/4" x 50'	1/4" x 50'	1/4" x 50'	1/4" x 50'	1/4" x 50'	1/4" x 50'

The Prime Star Manual Pump

The Prime Star manual pump is designed for pumping low-viscosity, single-component resins, such as Prime Flex 900 XLV, 910, or 920. It can also be used to pump Hydro Gel SX as a single-component material. This pump is ideal for use as a water pump to flush cracks prior to injection.



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