

RESIN PUMPS

THE PMC GH SERIES HYDRAULIC PROPORTIONERS

Ideally suited for slab jacking using our Precision Lift™ system 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.

“Turn-key” spray rigs are available!

- Easy to service pump base
- Machine functions controlled by proven relay logic technology which allows for easy in the field troubleshooting and low cost repairs: No printed circuit control boards!
- High efficiency mass style heaters
- Improved heated hose assemblies
- Innovative TSU designed for clean, inexpensive on the job replacement



The GH Hydraulic Proportioner

MODEL	GH-25-2000	GH-25-3000	GH-40-2000	GH-40-3500
Output	25 lbs/min	1.3 Gallons	40 lbs/min	2.5 Gallons
Maximum working press	2000 psi	3000 psi	2000 psi	3500 psi
Maximum hose length	310 ft	310 ft	410 ft	410 ft
Heater Capacity	10Kw(12Kw optional)	10Kw(12Kw optional)	15Kw(18Kw optional)	15Kw(18Kw optional)
Hose Heating Power	90 Volts	90 Volts	120 Volts	120 Volts
Weight	420lbs /590lbs	420lbs /590lbs	420lbs /590lbs	420lbs /590lbs
Electrical @ 10 Kw Htrs	35 amps@ 3x230V 70 amps @ 1x230V	35 amps@ 3x230V 70 amps @ 1x230V		
Electrical @ 12 Kw Htrs	43 amps @ 3x230V 80 amps @ 1x230V	43 amps @ 3x230V 80 amps @ 1x230V		
Electrical @ 15 Kw Htrs			80 amps@ 3x230V 130amps@ 1x230V	80 amps@ 3x230V 130amps@ 1x230V
Electrica @ 18 Kw Htrs			93 amps@ 3x230V	93 amps@ 3x230V

THE FLOWMASTER

The FLOWMASTER is a powerful yet simple air operated unit featuring consistent air pressure from a 5" air motor with instantaneous reversing, delivering uniform fluid / mixing pressure. The FLOWMASTER operates from a separate air source or it can be outfitted with an optional on-board air compressor (electric or gas). There are no gears to jam or belts to slip or break. The FLOWMASTER is ideally suited for pumping the Prime Resins line of epoxy or polyurea joint sealers and dual-component polyurethane resins, such as Joint Shield 5000 Epoxy A-80, Joint Shield 5500 Polyurea 95A, Joint Shield 5700 Polyurea 75A, and the Prime Flex 985 series. *Item # P-Flow Master.*

Total Air Requirements at 1gpm (3.8 lpm) Output:	1.0 GAL PER MINUTE - 17 CFM @ 100 PSI 1.5 GAL PER MINUTE - 24 CFM @ 100 PSI 2.0 GAL PER MINUTE - 33 CFM @ 100 PSI
Output Pressure:	1600 PSI @ 100 PSI AIR Max Working PSI = 1760 PSI
Output Ratio:	1:1 (2:1 OPTIONAL)
Discharge Hose:	3/8" x 2 - 25' I.D. H. P. Hose
Tanks:	2 - 10 Gallon Full Drain Polypropylene



The Flowmaster

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 every day use with the municipal grout crew in mind. The M² consists of two Graco™ Monark 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. The operator manually controls the mix ratio. *Item # P-M2.*

Power Requirement:	Air, 100 PSI working pressure, 42 CFM MAX
Output Pressure:	600 PSI MAX
Output Ratio:	Variable
Discharge Hoses:	3/8" x 2 - 25'



The M²

THE TITAN IMPACT 540 & 640 AIRLESS PUMPS - MODIFIED

These small, lightweight electric pumps can deliver any of the Prime Flex products as a single component material. Use in any combination with our 1/2" or 5/8" packers, bang-in ports or grout needle. Delivering 1.2 HP, the Titan Impact 540 & 640 are versatile and economical choices for chemical grout injection. Several models available. Includes a 685-H 4500 PSI High Pressure Valve and 50 feet of hose. *Item #'s P-Impact 540, P-Impact 640.*



Titan 640

MODEL	Titan 540	Titan 640
Power Requirement:	Electric	Electric
Output Pressure:	0-3200 PSI	0-3300 PSI
Max Delivery:	.6 GPM	.7 GPM
Discharge Hoses:	1/4" x 50'	1/4" x 50'

THE TITAN ADVANTAGE 100 WATER PUMP - MODIFIED

Water pump only. Use to flush crack or joint prior to injection.

Power Requirement:	Electric
Output Pressure:	0-2800 PSI
Max Delivery:	.29 GPM
Discharge Hoses:	1/4" x 25'



Titan Advantage 100

— For more information on these and other available Titan Airless Pumps, visit www.titantool.com. —

THE PRIMESTAR MANUAL PUMP

The Prime Star manual pump is designed for pumping low-viscosity, single component resins, such as Prime Flex 900 XLV, Prime Flex 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. *Item # P-850.*

Power Requirement:	Manually powered
Output Pressure:	2,500 PSI MAX
Output Ratio:	Single Component
Discharge Hoses:	1/4" x 15'



The Primestar

METHOD OF CLEANING

All pumps should be thoroughly flushed with Eco Flush, acetone or MEK before and after use. Pumps that are to be stored for more than a few days should be filled with lightweight motor oil to protect the seals.



A BARTON INDUSTRIES COMPANY

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