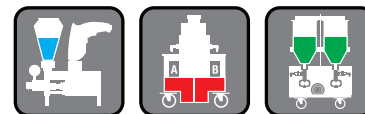


SealBoss®

IP2C Gel Injection Pump



Product Data Sheet

Gel Injection Machine

Two Component Stainless Steel

SealBoss® IP2C Gel Injection Pump Features

- Highly Upgraded and Improved - Generation 2
- 3 Pump Units | 2 Product / 1 Water
- Stainless Steel Pumps & Applicator
- Sophisticated Design, Simple Operation
- Heavy Duty / High Reliability
- 3000 PSI
- 1:1 Mix Ratio
- High Metering Accuracy
- Separate Flush Pump
- Pressure Lines Included
- Easy To Use / Clean

This improved and upgraded second generation **SealBoss® IP2C Gel Injection Pump** sets new benchmarks in performance, design, and functionality for the injection industry.

The **SealBoss® IP2C Gen 2** pump represents the pinnacle of modern engineering, boasting a robust stainless steel pumping system, equipped with a state of the art applicator, and designed for unparalleled durability, precision, and outstanding resistance to corrosion.

This pump is outfitted with a specialized water flush system, making it ideally suited for use with acrylate gel injection products. Its construction and features are meticulously tailored to ensure optimal performance and longevity in demanding environments.



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This complete package includes the stainless steel applicator with static mixer, a 15' triple set of high pressure hoses, triple set of suction hoses. The individual components are pumped separately and mixed in the mix head of the applicator while pumped through a plastic disposable element. Check valves prevent the components from cross contamination.

An integrated high-pressure flush pump is built in for cleaning the mixing chamber via a separate flush line any time work is interrupted. We supply buttonhead packers in several sizes and designs to work with this very strong and reliable injection pump. Super Flexible Acrylate Gels are the recommended product for use with this pump.



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Cleaning Procedure For Use With Acrylate Gel

For short breaks during the injection process the mix head can be flushed with water or flushing agent with the separate flush pump (separate suction tube and flush pressure line). The applicator handle has to be placed in flush mode.

After completion of injection the hole pump system needs to be flushed. Place the suction hoses into the flushing agent tank and rinse all hoses thoroughly by operating the pump at lower pressure setting.

Included with Purchase:

High pressure double injection pump, high pressure flush pump, control fittings and gauge.
Three suction hoses 1.5m, 5ft.
Three high pressure hoses 5m, 15 ft.
One special mix / flush head with disposable mix elements, one flex hose with zerk or slide coupler.

COLOR CODED LINES:

COMPONENT A: BLUE

COMPONENT B: RED

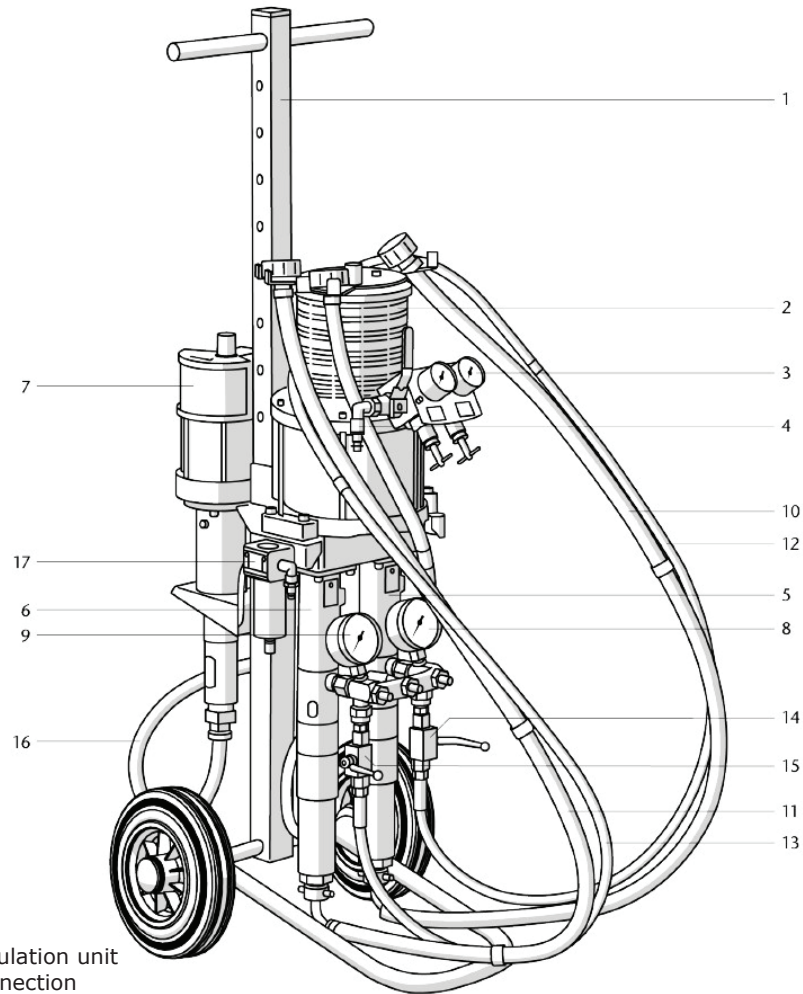
WATER FLUSH LINE: YELLOW

Technical Data

Standard Ratio	1:1
Material Flow Rate	Approx. 3.7 gal/min, 14 l/min at 1 psi
Weight	104 lb, 47 kg
Dimension LxWxH	55x50x100 cm
Pressure Ratio	25:1
Material Viscosity	1 cps - 400 cps
Max Pressure	3000 psi, 200 bar
Total Delivery per Stroke	approx 5 cub inch, 80cm ³
Air Requirements	6-12 CFM at 90 psi 200-400 l/min at 6 bar
Max Air Intake Pressure	120 psi / 8 bar
Pressure ratio	25:1
Noise level at Idle	75 db
under Load	73 db



SealBoss® IP2C Gel Injection Pump



No.	Description
1	Cart frame
2	Air motor
3	Compressed air regulation unit
4	Compressed air connection
5	Material pump comp. B
6	Material pump comp. A
7	Flushing pump
8	Pressure gauge for material pressure display of component B
9	Pressure gauge for material pressure display of component A
10	Material suction hose for component B
11	Material suction hose for component A
12	Bypass comp. B
13	Bypass comp. A
14	Ball valve comp. B
15	Ball valve comp. A
16	Suction hose for water
17	Water separator attachment kit (optional)



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