

SLP 3C 2+1 Comp. Pneumatic Gel Pump

Product Data Sheet
Polymer Pump System

Range of Applicable Materials

- Polyacrylate gel
- Polyurethane resin
- Polyurethane foam grout
- Aqueous solution

Advantages

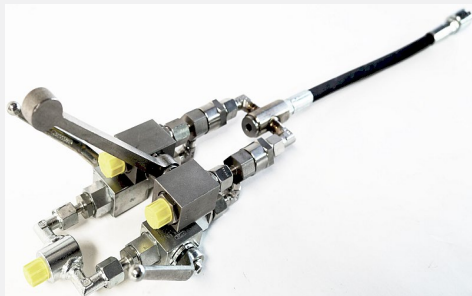
- Stainless steel (material contact)
- 2 Plus 1 component
- Water flush pump built-in
- Extremely light-weight design
- Robust, heavy duty components
- Large material passages for use of products with higher viscosities
- Piston seals do not require tensioning
- Easy maintenance and repair
- Pneumatic design

Mix Ratio

- 1:1 by volume
- 1 Comp. water flush pump

Applicator

- Three component applicator made from highest quality, heavy duty components



- Design Industrial Grade, Light-Weight Design with New Features
- Frame Robust, Modern & Sleek Steel Design, Strong & Small Footprint
- Pump Advanced Pneumatic Piston Pump System
- Applicator Newly Designed Applicator with Control Grip



Air-Powered System for Crack Injection, Curtain Injection and Soil Stabilization with SealBoss Acrylate Gel Products

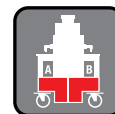
The SealBoss® SLP 3C two plus one component, pneumatic reciprocating piston injection machine is a new addition to our signature line of professional and purpose built heavy duty injection pumps. All internal pump parts in contact with product are made from stainless steel.

This pump offer a two component product setup and a built-in water pump to flush acrylate gel pump directly after use. The product pums are set to a 1:1

mixing ratio by volume. Product is fed directly from the product containers via suction tubes. Pressure hoses and applicator are supplied with the machine. Our pneumatic pumps are easily maintained, highly reliable and very easy to use. Air flow is effortlessly controlled and our pumps perform very well at low and high rates of product flow. Our pumps feature relatively large internal clearances in the major fluid passages (i.e. large intake and discharge openings), that allow liquids of higher viscosities to pass.

Air-powered pumps have been highly developed to provide long-term reliability and durability even under difficult injection conditions. With the air-powered design there is inherently less mechanical load and wear on key components than with other designs. Long term durability is achieved by the relatively low-speed, high clearance nature of the moving parts. Air-powered pumps have a unique advantage in their ability to throttle back flow to meet changing site needs. Stop/start cycle limitations do not apply to these pumps, so no adjustments need be made when dispensing rates decrease; the air-powered pump will function as intended, at a reduced refill/discharge cycle rate. If pump output rate reduction is desired, the applied air pressure can be easily adjusted downward with the provided regulator.

With air-powered pumping systems, airlines are run to the pump instead of electricity, which provides immediate benefits in simplicity and safety. Pumps are delivered as a complete system, with all the necessary tubing, connectors and applicators.



SLP 3C 2+1 Comp. Pneumatic Gel Pump

Product Data Sheet
Polymer Pump System

Air-Powered System for Crack Injection, Curtain Injection and Soil Stabilization with SealBoss Acrylate Gel Products

Specifications



Weight: 64bs 29 kg
Dimensions: LxWxH 31"x15"x32 78x39x80cm
Working Pressure: 100-3200psi 7-220 bar , variable
Delivery Rate, max: 2.1 gal/min 8 l/min

Mix Ratio, by volume: 1:1
Intake Air Pressure, max: 120psi 8 bar
Air consumption and delivery rate at 1500psi / 100 bar injection pressure

Air consumption	Delivery rate
2.9 cfm 83 l/min	.15 gal/min 0.5 l/min
5.8 cfm 166 l/min	.25 gal/min 1 l/min
12 cfm 342 l/min	.5 gal/min 2 l/min
13 cfm 390 l/min	1 gal/min 3 l/min

The SealBoss® JSealBoss® SLP3C machine is for professional use. Please contact a SealBoss® representative for detailed information and to confirm that your product is suitable for use with this machine. Specific product data sheet and SDS of product to be intended for use will help you to determine the suitability. Please refer to the SealBoss® SLP 3C Manual for more information. Due to the nature of a dispensing machine like the SealBoss® SLP 3C I, user shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any materials supplied or distributed by SealBoss® Corp. relieves the user of the obligation to read and follow the warnings and instruction for each SealBoss® Corp. product as set forth in the current Technical Data Sheet, product label and Material Safety Data Sheet prior to product use. SealBoss® Corp. warrants its products to be free of manufacturing defects. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of the manufacturer which proves to be defective. There are no other warranties by SealBoss® Corp. of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. SealBoss® Corp. does not take back or restock any used equipment. SealBoss® Corp. does not apply credit for used equipment.



Limited Warranty Policy and Disclaimer for Products Supplied and/or Distributed by SealBoss Corp.: SealBoss Corp. Products are for Professional Use. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use. SealBoss Corp. warrants supplied / distributed products to be free of manufacturing defects. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of the manufacturer which proves to be defective. There are no other warranties by SealBoss Corp. of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. SealBoss Corp. shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. SealBoss Corp. shall not be responsible for use of this product in a manner to infringe on any patent or any other intellectual property rights held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, UV damage, excessive temperature exposure, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and / or physical movement of the substrate or structural defects are also excluded from the limited warranty. SealBoss Corp. reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of or inability to use the product. Recommendations and statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller. SealBoss Corp. reserves the right to change the properties of products without notice.

Revised 201901