

PLURAL COMPONENT PROPORTION SYSTEM

Tough Design Sprayer for Overall Industrial Protective
Coatings
Experienced , Quality and Care

POLY CELL

Waterproofing, Grouting & Repair Solutions Provider

Tel:603- 7783 4368

Fax:603-7783 4369

Email:

polycellsb@gmail.com

enquiry@polycell.com.my

Our Web Site:-

www.polycell.com.my



POLY-A9000

POLYUREA AND POLYURETHANE SPRAY MACHINE



Machine Profile:

The newest high performance **POLY-A9000** pneumatic ultrahigh pressure spraying & injection equipment, with its double component system, is suitable for multiple double component materials such as polyurea elastomer, polyurethane foam, polyurethane adhesive and sealants.

The high-power efficient heating function can meet different materials application requirements and thus encourages multi-usage of the machine.

The booster pump is completely pneumatic-controlled with a simple yet reliable structure and if necessary, can be operated without electricity.

Its unique design provides protection against resin/isocyanate material solidification and together with its shut down reset function, the machine now has dual protection on the shaft of the booster pump.

The lifespan of the equipment is greatly enhanced with the application of high-performance, dynamic and static sealing material. The design of its self-adjustable compensation sealing structure, straight platoon-type air path and external pneumatic integrated control system makes the machine easy, fast and reliable to operate with low faulty rate. This makes the machine suitable to be used for inspection and maintenance purposes.

The delicate coupling structure enables steady and reliable power transmission, therefore, avoiding adverse effects to the pump shaft. The professional design of its overfilling material backflow valve creates the modularization for each functional component of the booster pump thus promoting easy maintenance and low faulty rate for the machine.

The special temperature sensor inside the heater detects temperature signals at all times, therefore, the problem of over-heating is automatically controlled. The jacketed temperature sensor inside the heating hose also makes collection of the temperature data more efficient and accurate without any loss of signals or data.

The professionally and specially-made heating hoses raises the temperature gradually and therefore, distributes heat evenly. The hoses are safe and durable with fully closed water-proof connection and external anti-abrasion cover of the heat insulation layer.

The unique design of the silencer reduces noise pollution thus the equipment is far quieter during operation.

The big wheel design makes shifting/moving of the equipment more versatile and easier on uneven grounds.

The compact control panel and operation key pad of the equipment provides fast and easy mastering of the equipment. With the integration of excellent engineering techniques and effective structural design, the equipment is designed to be compact in structure i.e. small in size, light in weight, flexible in mobility, convenient to operate and easy to maintain yet tough enough to handle the most difficult jobs.

Technical Data:		Shipping Parameter:	
Ratio of Raw Materials	1:1	Dimension	930mm×800mm×1210mm
Viscosity range	200~1000CPS	Weight	Estimated 125Kg
Output of raw materials	2~8kg/ min		
Heating power	4500W*2		
Heating temperature range	0°C ~90°C		
Power source	3-phase 4-wires		
Air Source	120psi 1.2m ³ /min		
Output pressure	9~18 Mpa		

POLYCELL TECHNICAL DEPARTMENT

OUR COMPANY COMMITMENT – Polycell's personnel are all fully trained to provide product information, guideline, training and technical assistance. We also provide product presentation and technical specification to Architects and Engineers.

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. However, no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. No guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Polycell be liable to anyone except for replacement of the products or refund of the purchase price.

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