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PHOENIX EQUIPMENT COMPANY

Phoenix Silicone Bagging Dispense System: Engineered for efficient production of reusable silicone vacuum bags. The system meters and blends two-part silicone with precision, dispensing it directly onto the mold surface to create a seamless, flexible membrane that conforms to complex geometries. Once cured, the silicone bag can be removed, reused, and resealed over multiple molding cycles—eliminating disposable film, reducing waste, and improving process consistency.



The system incorporates dual stainless steel metering pumps (A and B) to maintain accurate mix ratios and a PSG-2600 short-stroke pneumatic gun for direct mold application. A static or dynamic mix nozzle ensures uniform blending at the point of dispense. Dedicated air inputs manage pump, atomizing, and flush operations, while quick-disconnect hoses simplify maintenance. The control panel provides pressure gauges and adjustment valves for precise operation, and a quick-exhaust valve enables fast system purging. Reusable silicone bags are self-releasing, reset in minutes, and perform across multiple resin systems. Each unit includes a spare parts kit with mix nozzles and seals, backed by a one-year warranty.

