

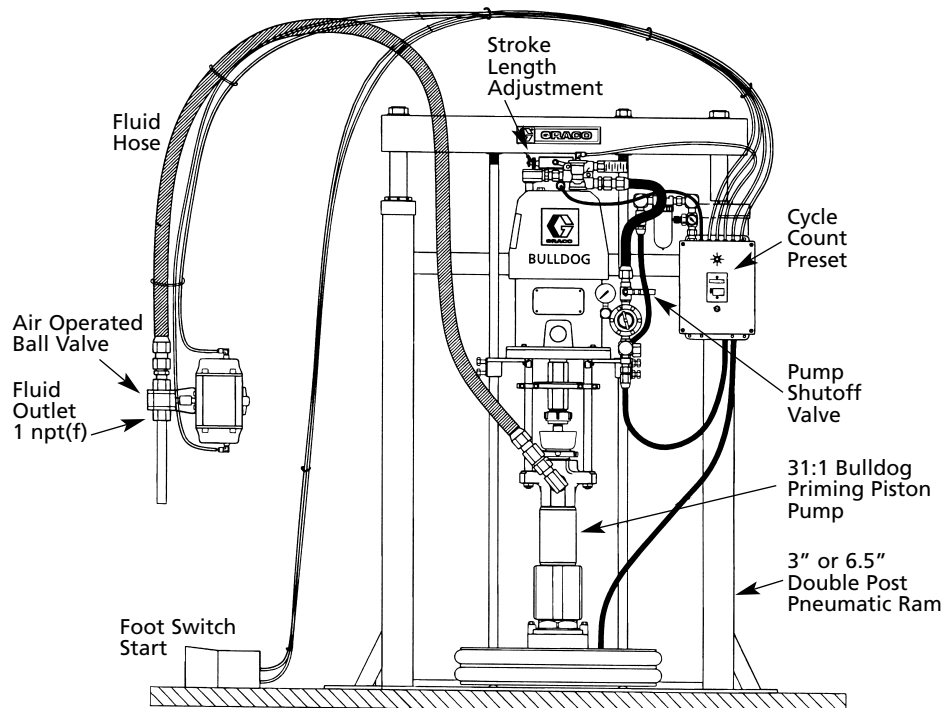


First choice when
quality counts.™

Cartridge Fill Single Component (1K) Systems

- Excellent return on investment
- Less packaging waste
- Precise metering
- Convenient on/off foot switch
- Dependable, production-proven operation
- Fills standard size cartridges
- Fully pneumatic operation for use in hazardous areas

**Fast and
easy bulk
feed from
55 gallon
drums**



The filling of plastic cartridges is fast and easy with Graco's new bulk feed system for dispensing single component silicone and urethane materials. Filling cartridges from bulk eliminates the added cost of purchasing pre-filled cartridges, providing excellent return on investment, and reduces plastic waste by allowing you to reuse cartridges.

Graco offers two single component systems, with a choice of 3 inch or 6.5 inch rams. Both systems include our new Check-Mate® line of priming piston pumps, which feed from 55 gallon drums. See back side of data sheet for more information on how the Cartridge Fill Single Component System works.

Typical Fluids Handled

- Silicone
- Urethane

Typical Applications

- Truck, bus, trailer, and RV joint sealing
- Custom packaging for building construction
- Modular housing sealing
- Aerospace

SEALANT ADHESIVE EQUIPMENT

System Components

- Bulldog 31:1 Check-Mate 800 pump
- 3 or 6.5 inch double post pneumatic ram
- Adjust-A-Stroke pump metering system
- Pneumatic foot switch
- Air-operated outlet valve

How it Works

The Graco cartridge fill system uses the Adjust-A-Stroke® pneumatic counter, which provides a metered fill by controlling the pump-per-cycle delivery and changing the travel of the pump stroke. This converts the pump's fluid displacement cylinder into a positive metering cylinder that provides precise metering.

With the counter set for the desired cycle count and the pump set to deliver the correct volume per cycle, activating the start switch starts the pump and opens the dispensing valve. The counter then counts down incoming pump cycle pulses from a preset number. When the count reaches zero, the system is deactivated, the pump stops while the dispensing valve closes, and the counter automatically resets to its original setting.

At the end of each dispensing cycle, the system's pilot valve closes, blocking and exhausting the air supply to the pump. This avoids pressure/volume build up in the fluid hose and initial surging for more accurate metering.

System Ordering Information

988-338 Single Component System with 3 inch Ram

Includes 31:1 Bulldog Check-Mate 800 pump, 6.5 inch double post pneumatic ram, and Adjust-A-Stroke pump metering system with foot switch.

988-339 Single Component System with 6.5 inch Ram

Includes 31:1 Bulldog Check-Mate 800 pump, 6.5 inch double post pneumatic ram, and Adjust-A-Stroke pump metering system with foot switch.