

## Volumetric Filling Machines

### Improving Filling Reliability and Accuracy

Replace the cams or air cylinders in your volumetric filling machine with an Exlar actuator and you will see precise volume control and an accurate fill rate! With an Exlar GSX Series actuator operating the piston pump, users are achieving better than 0.1% fill accuracy.

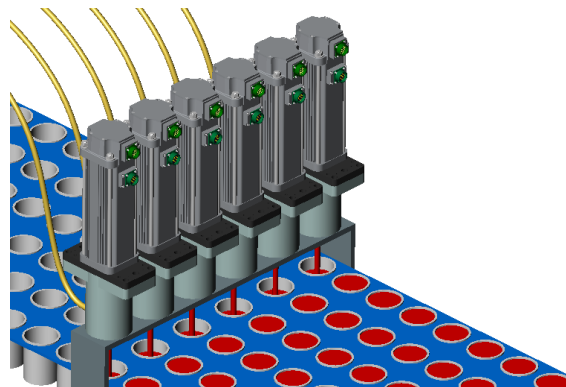
More importantly, the flexibility offered by the servo based Exlar actuator offers you the ability to manipulate flow rates or volume instantaneously, without setting any switches or changing out any cams. Container size, volume, or liquid changes are simple to obtain - just enter a new setting in the operator interface panel, or have a PLC do the changes. Operate independent lanes or synchronize all the pumps together.

### Exlar Products

The GSX Series provides a wash-down compatible, sealed design in a compact package. Replacing the cams or fluid power cylinders can be an easy retrofit resulting in better performance, less maintenance and longer life of your machine.

Exlar actuators are being used to pump many products including milk, fruit juice, gelatin, yogurt, pudding, pet food, soup, and cake batter. Even paint, lip stick, grease and solvents are being pumped.

The unique, patented roller screw design of the GSX-Series delivers very high speeds, high force ratings, low maintenance and long life.



Exlar's GSX Series actuators directly operate piston pumps to fill cartons with liquid.

### The Exlar Advantage

- Planetary roller screw technology offers up to 15 times the life of ball screw actuators.
- Peak forces up to 25,000 lbf
- Speeds to 40 in/sec
- IP67 ratings for wash-down requirements
- Food industry standard white epoxy or electroless nickel coatings
- Options for stainless steel construction
- A wide variety of mounting styles
- High cycle rates
- Operation with nearly any servo amplifier
- Multiple stroke lengths and sizes to fit your application

**Contact us at 952-500-6200 or email [info@exlar.com](mailto:info@exlar.com) to discuss your application. You may also visit [www.exlar.com](http://www.exlar.com) to see full product information or locate the sales rep nearest you.**