



F&C

 FILLING &
CAPPING

PERSONAL CARE FILLER ROTARY VOLUMETRIC



Rotary Volumetric Filling System Designed Specifically for Personal Care Products

Pacific is the unquestioned industry leader for rotary fillers specifically designed and optimized for personal care products including body wash, shampoo, hand soap and lotions. Pacific light to semi-viscous personal care volumetric fillers are offered in filler only and in monobloc filler-capper configurations. They are designed and built for liquid filling environments and stainless steel construction with NEMA 4X electrical enclosures are standard.

Pacific volumetric fillers use a proven and dependable time + pressure filling process and servo powered positive displacement pumps to deliver fill accuracies of $\pm 0.5\%$. Pacific's time + pressure orifice plate filling technology is unique in the industry and it offers superior performance, greater flexibility across a wide range of container volumes, higher fill accuracy and lower maintenance than piston filling systems. This technology along with surface hardening of key filling system components and adjustable liquid flow rate have established Pacific as an industry leader for light to semi-viscous products as well as for products requiring two stage filling.

Pacific filling systems are designed and manufactured by ProMach Filling Systems in Corona, CA. Aftermarket parts support for Pacific fillers is provided from the Corona facility and technical support is provided by the Corona, CA facility as well as the Waukesha, WI location.

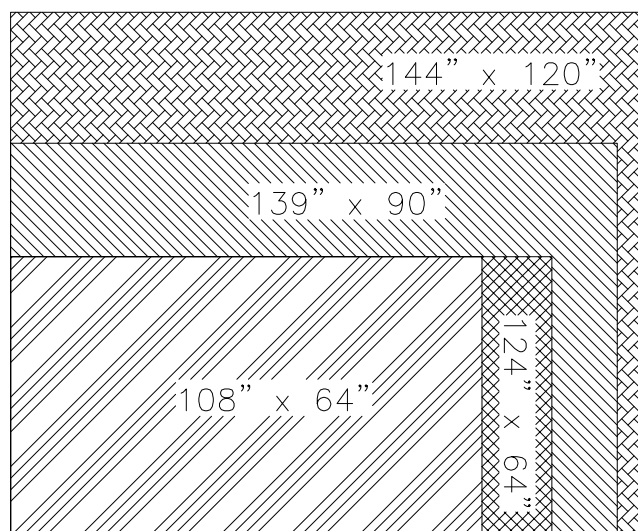
FEATURES AND BENEFITS

- **Size range** - Containers from 8 oz. (236 mL) to 128 oz. (3.78 L)
- **Speed range** - Steady-state speeds from 30 cpm to up to 600 cpm
- **Highly accurate, consistent filling** - Fill volume accuracy $\pm 0.5\%$; no product give-away from worn pistons
- **Tool-less size changeovers** - Size changeovers require no tools to complete
- **Four fill nozzle configurations** - Bottom-up, true top fill, below the neck top fill and diving nozzle
- **Simple fill volume adjustments** - Fill volume adjustments completed via pump speed changes executed through the HMI; no mechanical adjustments required
- **Integrated product pump** - Filling system includes pump best suited to product characteristics which enhances ease of operation
- **Infinitely adjustable liquid flow rates** - Enables filling of containers from 1 oz. to 64 oz. without tedious changeovers
- **Wash down design** - NEMA 4X electrical enclosures and stainless steel construction for all wetted parts are ideal for hygienic food environments

TYPICAL PRODUCT SPECIFICATIONS

| | | | | |
|-----------------------------------|------------------------------------|------------------------------|------------------------------|-------------------------------|
| Standard Frame Sizes (L x W ") | 108" (274 cm) x 64" (162 cm) | 124" (315 cm) x 64" (162 cm) | 139" (353 cm) x 90" (229 cm) | 144" (366 cm) x 120" (305 cm) |
| Frame Construction | 304 Stainless | | | |
| # Turret Sizes | 2 | 2 | 2 | 3 |
| # Filling Valves | 4, 6, 8, 9, 10, 12 | 10, 12, 18, 20 | 18, 20, 24, 28 | 24, 28, 30, 36, 40 |
| Speeds (Up To) | 360 cpm | | 500 cpm | |
| Container Size Range | 8 oz. (236 mL) to 128 oz. (3.78 L) | | | |
| Controls | Allen-Bradley | | | |
| Utility Requirements Air | 80 – 100 PSI 5 – 7 CFM | | | |
| Electrical | 240 – 480 VAC 3ph / 60 hz | | | |

CONFIGURATION



Dimensions are in inches

OPTIONS

- Autolube system
- Low fill detection rejection
- Hardened surface filling turret arrangement for abrasive products.
- Hot fill filling turret arrangement for deodorants, gels, hair waxes, etc.
- Zalkin capping systems for monobloc filler-capper configurations
- Swing arm HMI
- Siemens controls
- Remote jog control
- 316L stainless steel
- Machine base enclosure lighting
- Machine base enclosure windows
- Semi-automatic external CIP system
- Automated internal CIP system
- Customer specified electrical service
- ZPI line performance monitoring & analysis system
- Change part carts
- Spare parts kits