PACIFIC

F&C
FILLING & CAPPING

AUTOMOTIVE FLUID FILLERS ROTARY VOLUMETRIC

Rotary Volumetric Filling System Designed Specifically for Automotive Fluid Products

Pacific is an industry leader for rotary fillers specifically designed and optimized for automotive fluids including fuel treatments, antifreeze, lubricants, brake fluids, and windshield washing products. Pacific light to semi-viscous automotive volumetric fluid fillers are offered in filler-only and in monobloc filler-capper configurations as well as Class I Div I explosion proof models. 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 + / - 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 and viscosities, 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.

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 4 oz. (118 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 + / - 0.5%
- **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
- **Infinitely adjustable liquid flow rates** - Enables filling of containers from 1 oz. to 64 oz. or 16 oz. to 128 oz. without tedious changeovers
- **Wash down design** - NEMA 4X electrical enclosures and stainless steel construction for all wetted parts are ideal for corrosive automotive environments

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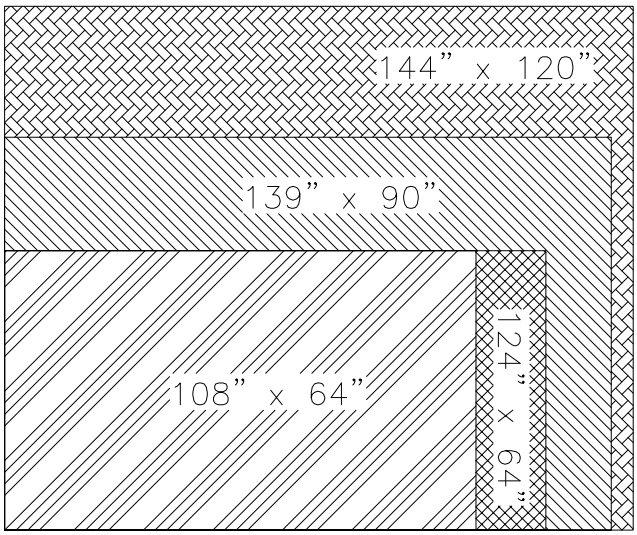
TYPICAL PRODUCT SPECIFICATIONS

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
- Explosion proof Class I Div I configurations
- 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
- Special change part material and o-ring seals for corrosive products
- Change part carts
- Spare parts kits

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