

THE ONLY TRUE HYGIENIC GEAR PUMP

Other gear pumps are adapted for hygienic use. Unibloc® gear pumps are designed for it. The difference shows up every shift in faster cleaning, safer product, fewer failures, and lower total cost of ownership.

- **Fully machined, solid 316L stainless-steel construction.** Every Unibloc pump head is machined from solid 316L stainless steel, not cast. That means superior corrosion resistance, no porosity and surfaces that clean completely and consistently.
- **Food-grade materials throughout.** Gear options include Teflon, PTFE/stainless combinations, and other food-grade polymers.
- **Seamless, porosity-free hygienic design.** Unibloc's sleek, seamless design eliminates pinch points, gaps, and dead legs where product can hide and bacteria can grow. The non-stick gearbox exterior keeps external cleaning fast.
- **Unibloc® QuickStrip® tool-free disassembly.** Patented QuickStrip technology gives technicians fast access to the pump head and seals for easy, thorough sanitation. Removing tools from workers prevents scratches that damage the smooth, hygienic finish. It protects your investment and extends service life.
- **Proven performance.** Short, stout shafts eliminate deflection at high pressures, resulting in greater efficiency, increased flow rates, and longer pump life. Hardened sleeved shafts are also available for increased durability.
- **Precise, repeatable flow.** Helical gears deliver smooth, pulse-free output ideal for servo-driven dosing, filling, and packaging equipment. Flow is consistent, controllable, and scalable.
- **Wide size range for exact application fit.** Available in standard connection sizes from ½ in. to 2 in., giving engineers flexibility to match flow and connection requirements without over-sizing or under-sizing the pump.



IS YOUR GEAR PUMP TRULY HYGIENIC?

Ask these questions about your current gear pump:

1. Is the housing machined from a single billet of stainless-steel to avoid weld transitions that could harbor bacteria?
2. Are all wetted materials approved for food-contact applications?
3. Does the pump have a simple, crevice free design?
4. Is it tailored for COP cleaning requirements?
5. Does it disassemble quickly without tools so your team can easily inspect and clean it thoroughly every time?
6. Does it come in the connection sizes your dosing, filling, or transfer process requires?
7. Is it engineered for precise, repeatable flow, not just approximate transfer?



If you answered “no” or “I’m not sure” to any of these, it may be time for an equipment inspection.



**BUILT DIFFERENT.
BUILT HYGIENIC.
FOR THOSE WHO
DEMAND MORE.**

The Rapid Upgrade Program is simple and money-saving. Now it costs less to get the industry’s most trusted hygienic pump—a platform built to outperform, outlast, and show documented improvement in total cost of ownership.

Unibloc Hygienic Technologies provides a broad portfolio of powerful solutions for companies around the world.



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