

WHO WE ARE

Headquartered in Marietta, Ga., Unibloc Pump designs positive displacement pumps for multiple industries, including food and beverage, meat and poultry, pharmaceutical, bakery and confection, transportation and many others. Since 1984, Unibloc Pump has manufactured precision-engineered positive displacement pumps, strainers, valves and other products to handle the toughest sanitary jobs. Unibloc's innovations are designed to help facility and maintenance managers fight downtime and costly builds while achieving a lower cost of operation.

Unibloc prides itself on excellent customer service by working directly with customers to determine their specific needs to customize their pumping solutions. Along with a suite of sanitary pump products, Unibloc has developed several patented technologies and solutions that simplify sanitary maintenance and ensure processes run smoothly.

In addition to the Marietta headquarters, Unibloc has operations in Sweden and Germany, providing customers worldwide with pumping solutions.

LEADING INDUSTRIES

As a leader in pumps, strainers, valves and more, Unibloc strives to provide exceptional solutions to customers in a wide variety of industries. Below is an overview of these industries and products.



Meat and Poultry

Meat and poultry processing presents challenges different from other food and beverage processing. Professionals in these industries need positive displacement pumps that can handle varying volumes and viscosities and that provide low shear and consistent through-put.



Unibloc designed its sanitary lobe and gear pumps specifically with the meat and poultry processing industries in mind. The pumps' compact design delivers the smooth, low shear performance needed, while maintaining product quality and integrity.



Food and Beverage

Food and beverage processing requires an acute attention to detail and a focus on sanitary processes. Whether running fructose syrups, vinegars or nut butters, successful processing requires positive displacement (PD) pumps with low shear and consistent through-put that can be easily cleaned and quickly reassembled. Unibloc's precision-engineered pumps provide a compact design that retains product integrity and keeps the processing line moving. Unibloc PD pump solutions are proven to make food and beverage processing a simplified operation without sacrificing quality or consistency.



Brewery

The brewing industry is extremely competitive, meaning brands have to offer customers their own unique twist on beers and ciders, while maintaining high manufacturing efficiency to grow their businesses. Unibloc offers positive displacement pumps that are proven performers in breweries across the country, providing precision volume, pressure and velocity of ingredients at a wide range of viscosities.



Unibloc pumps are designed for dry hop recirculation, yeast slurries, finished beer transfer and much more, all while achieving near zero dissolved oxygen pickup. Unibloc works closely with the brewery industry to provide both specialized and customized solutions that eliminate risks and downtime.



Pharmaceutical

Unibloc Pump got its start in the pharmaceutical industry more than 30 years ago.

Pharmaceutical processing has the strictest guidelines for pumps, requiring a completely hygienic and easy-to-clean solution for drug and biotech applications.

For pharmaceutical applications, Unibloc offers the patented LABTOP® technology series. It's simple and efficient "plug-and-go" design provides unmatched simplicity and versatility. The highly mobile pumping solution is the perfect choice for filtration, chromatography, pilot applications, R&D and more.



Bakery and Confection

Professionals in bakery and confectionary industries need pumping solutions that are reliable and high-performing to keep the production line moving. From baked goods to chocolate and other

candies, Unibloc Pump provides sanitary pump solutions that are easily maintained and able to handle both abrasive and acidic applications.

Unibloc pumps achieve five to 35 percent more flow than other pump brands in bakery and confectionary processing, reducing downtime and increasing the return on investment. Unibloc's pumps also provide the low shear and consistent through-put needed to manufacture high-quality products.



Transportation

In the tanker transportation industry, dependability and reliability are critical. Fleet managers look for lightweight, small footprint pumps that are forgiving and meet these standards. Unibloc's Road Tanker pump features a compact design with front loaded shaft seals and rotors designed specifically for low repair cost and easy maintenance. It boasts long-lasting performance and is engineered to handle the demands of loading and unloading tankers, while utilizing minimal space on the vehicle. The road tanker pump has a fully machined, stainless steel pump head that offers lightweight design for versatile mounting. Unibloc's new oil cooler helps transportation professionals safely and efficiently fill their hydraulic system and guarantees filtration upon ignition.

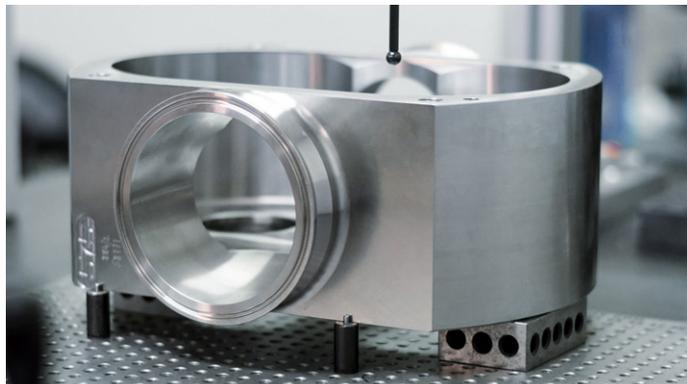


Dairy

Dairy processing involves a variety of materials and consistencies - meaning those in dairy processing need positive displacement pumps that can handle a range of viscosities and pressures while providing low shear and consistent through-put. It's also important that the pumps can be cleaned and reassembled easily for daily sanitation and inspections.



Unibloc’s innovative lobe and gear pumps feature a compact design, stainless steel construction and smooth, low-shear performance to meet the needs of dairy processing without sacrificing quality. The pumps offer clean in place (CIP) and clean out of place (COP) capabilities, with a safe design that doesn’t have accessible moving parts.



INNOVATIONS

Unibloc’s sanitary pumps are recognized for their quality, innovation and performance. The product engineering teams at Unibloc work diligently to develop the most innovative features, technologies and solutions to meet the unique needs of customers across multiple industries. All Unibloc pumps and products are precision engineered to help fight downtime and keep operations running smoothly.

Features

Every Unibloc pump comes standard with several key features, setting them apart from the competition and ensuring top performance. These include:

SD

Seamless Design - Eliminates the need for weld maps in the pump, leading to a more sanitary pump head and smoother surface finish.

ID

Infinite ID - Each pump is engraved with a unique serial number for identification.

PFG

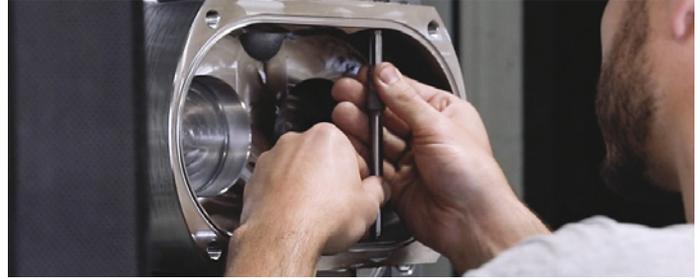
Porosity Free Guarantee - Unibloc pumps are designed with stainless steel, resulting in a 100 percent porosity-free pump head.

FMG

Fully Machined Gearbox - Each pump features a fully-machined exterior for a cleaner surface and gears and Tough Taper bearings that give the pumps their signature quiet, smooth operation.

Technologies

Unibloc's proprietary and cutting-edge technologies contribute to the distinction of each product, making them unique to the market and industry. The added technological benefits contribute to cleaner sanitary products, enhanced production safety and ease-of-maintenance. These innovative technologies include:



FT

FlowTight™ - The FlowTight design was developed to stand the test of time. It has been proven to provide a tight seal on the Unibloc pressure relief valves, and the O-ring is positively secured between the two disc members so it won't come loose due to velocity or accidental bumping or sticking.

SS

SimpleSet™ allows for a fully adjustable pressure range from 5-200 psi.

MXD

Metal and X-ray Detectable - Metal and X-ray detectability ensures product and production safety for the most demanding applications.

VSM

Versatile Seal Mounting allows any Unibloc seal to easily mount on any pump head with no modifications, simplifying operations.

QS

QuickStrip® - The patented QuickStrip technology is designed to better handle the challenges of daily sanitation. The QuickStrip rotors and wear pads withstand wear and tear by providing plastic on metal contact, not metal on metal. They also offer tool-free disassembly, resulting in decreased downtime, an easier to maintain pump and lower cost of ownership.

TRADESHOWS

Unibloc will be exhibiting or presenting at tradeshow across the globe.
Look for us at upcoming events!

ISPE: Boston

September 18, 2019
Boston, MA

PACK EXPO

September 23-25, 2019
Las Vegas, NV

Tank Truck Week

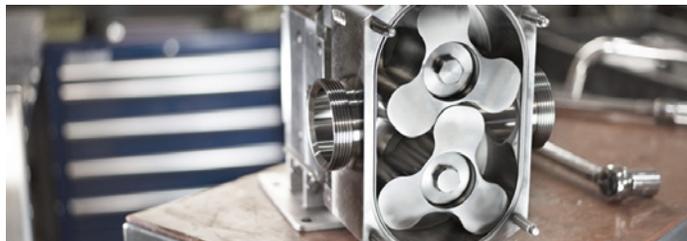
September 30-October 2, 2019
Nashville, TN

PROCESS EXPO

October 8-11, 2019
Chicago, IL

Solutions

Unibloc offers complete pumping solutions for the pharmaceutical, transportation and several other industries. These patented designs offer versatility and simplicity for many complex operations.



LS

LABTOP® Solutions

Unibloc's patented LABTOP pumping solution helps address common issues in the pharmaceutical and biotech industries. It features a Unibloc pump, motor and controller in one compact, mobile design and comes in three models for specific applications:

- LABTOP 200 Series
- LABTOP 300 Series
- LABTOP 400 Series

MS

Motorized Solutions

Unibloc's advanced pump and motor sizing methods provide correct pump speed, horsepower and components to meet application-specific requirements.

TS

Transportation Solutions

Unibloc's transportation solutions are engineered to handle the demands of the transportation industry. They're lightweight, compact and offer versatile mounting options.

CS

Compac® Solutions

The Compac series of doubled pump solutions can be utilized in a wide range of applications. From the Compac Direct to Compac Flex, the series features several lobe and gear solutions that deliver a simplified, user-friendly pump system.

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