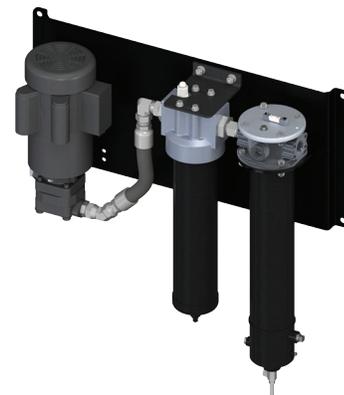


The BDFP: Ensuring Clean Fuel for Large Equipment Applications

As more Tier IV diesel powered equipment enters the field, OEMs are becoming increasingly aware of the need for cleaner fuel. For smaller mobile equipment, the use of compact fuel/water separators and engine filters are commonly used as the only fuel filter solutions found on-board the equipment. For larger diesel powered equipment, the filtration solutions used on the suction side of the lift pump can grow too large to ensure low pressure drop and take up significant space on a piece of larger mobile equipment. In these cases, it can be more effective to incorporate an on-board kidney-loop filtration system to ensure that the higher volumes of fuel stored on and consumed by the equipment meet the stringent requirements of today's Tier IV fuel injection systems, while reducing footprint and increasing capacity.

The Schroeder Industries BDFP is a panel mounted diesel fuel filter system, which can be incorporated as part of a mobile equipment fuel system, to provide both kidney-loop filtration along with the added functionality of a first-stage fuel filtration supplying pressurized fuel to the mobile equipment fuel system. This type of solution provides a smaller overall filter solution with increased dirt holding capacity and water removal capacity. This allows for OEMs to reallocate limited space on large equipment and help reduce overall product weight.



**BDFP | Bulk Diesel Filter System,
Plate Mounted w/ Electric Motor**

Success/Application to Roll-Off Cleanliness

An oilfield service company was interested in protecting their high value diesel powered equipment and was concerned with the in-field fuel quality and their inability to adequately address this fuel quality with existing filtration solutions. Their goal was to provide fuel that was free from particulate and water contamination in a solution that could not be bypassed by operators in the field.

The BDFP provided a plug-and-play filtration solution with integral pump and motor assembly, which was implemented as a fuel transfer and kidney-loop filtration solution. The BDFP would ensure that any fuel entering the equipment fuel tank received a single-pass of high efficiency particulate and water removal filtration, while also providing continued fuel conditioning while the unit was in operation. This solution eliminated the need for additional filter carts and fuel filtration systems in the field and eliminated the risk of fuel contamination introduced from the operator or inconsistent fuel sources.

Schroeder
INDUSTRIES
Advanced Fluid Conditioning Solutions®

PROUDLY MANUFACTURED IN THE UNITED STATES

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