

Filtration Skid Specifications

This high-performance fuel and liquid filtration skid is engineered for reliable industrial filtration and transfer applications. The system combines a DESMI positive displacement pump with Eaton duplex filtration units, mounted on a robust skid base for easy installation and mobility.

Key Features

- Heavy-duty skid-mounted filtration and pumping system
- Designed for continuous industrial operation
- Integrated DESMI pump for efficient fluid transfer
- Eaton duplex filtration housings for uninterrupted filtration
- Automated control panel with digital monitoring interface
- Corrosion-resistant piping and structural components
- Compact modular design for easy transport and installation

Parameter	Specification
Pump Type	DESMI Positive Displacement
Filter Type	Eaton Duplex Stainless Steel
Flow Rate	Customizable
Filtration Rating	1–25 Micron
Construction	Stainless Steel / Carbon Steel
Mounting	Skid Mounted
Control System	Automated Electrical Panel
Application	Fuel & Industrial Liquid Filtration

Section	Component / Feature	Specification / Description
Main Components	DESMI Pump System	DESMI rotary / positive displacement pump
	Efficiency & Reliability	High efficiency and reliable operation
	Flow Characteristics	Smooth and consistent flow delivery
	Fluid Compatibility	Suitable for diesel, fuel oils, lubricants, and industrial liquids
	Maintenance	Low maintenance operation
	Motor Drive	Heavy-duty industrial motor drive
	Pressure Delivery	Stable pressure performance
	Suction Capability	Excellent suction characteristics
	Service Life	Long operational lifespan
	Duty Rating	Suitable for continuous-duty applications
Filtration System	Eaton Filtration System	Eaton stainless steel duplex filter housings
	Filter Arrangement	Duplex design for uninterrupted operation during servicing
	Construction Material	Stainless steel for corrosion resistance and durability
	Dirt Holding Capacity	High contaminant retention capability
	Maintenance Access	Easy-access swing bolt covers
	Filtration Performance	Suitable for fine particulate removal
	Micron Ratings	1 micron, 5 micron, 10 micron, 25 micron
	Custom Options	Custom filtration ratings available

Skid Construction	Structural Design	Heavy-duty galvanized or coated steel skid base
	Lifting & Handling	Integrated forklift pockets and lifting points
	Footprint	Compact modular footprint for flexible installation
	Piping System	Industrial-grade piping and valves
Piping & Valves	Piping Type	Flanged industrial piping
	Isolation Valves	Installed for maintenance and servicing
	Monitoring Points	Pressure monitoring points included
	Flow Indicators	Flow direction indicators fitted
Electrical & Control System	Control Panel	Integrated electrical control panel
	Display Interface	Digital display interface
	Pump Controls	Integrated pump control functions
	System Monitoring	Continuous operational monitoring
	Emergency Stop	Emergency stop functionality included
	Motor Protection	Integrated motor protection systems
Optional Instrumentation	Pressure Gauges	Pressure indication and monitoring
	Differential Pressure Indicators	Filter condition monitoring
	Flow Meters	Flow measurement capability
	Shutdown Protection	Automatic shutdown protection systems
	Remote Monitoring	Remote monitoring capability available
Applications	Fuel Filtration	Diesel filtration and fuel polishing
	Transfer Systems	Bulk fuel transfer systems
	Tank Systems	Tank cleaning and recirculation systems
	Oil Filtration	Lubrication oil filtration
	Industrial Use	Mining and petrochemical applications
	Power Generation	Generator fuel systems
	Marine Applications	Marine and industrial fuel handling systems