

FILTERTECH

Industrial Liquid Filtration



The Trademark of Innovative Filtration

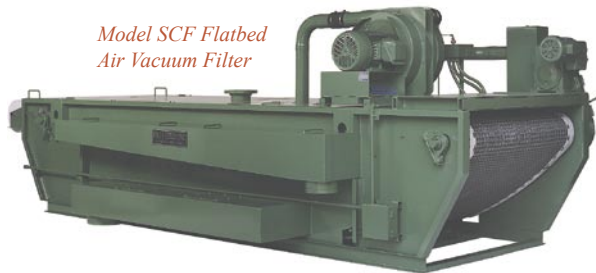
WIRE DRAWING FILTRATION SYSTEMS

ENGINEERED SYSTEMS

For copper, aluminum, brass, and steel wire drawing and annealer systems, Filtertech offers complete fully engineered filtration systems. These systems can be designed to upgrade or replace existing filtration systems or as pre-engineered filtration systems to support all OEM foreign and domestic wire drawing equipment. Typical systems include filter, reservoir tank, pumps, heat exchanger, level control, temperature control and electrical control panel. For more information request Product Bulletin FT205 & FT208.



Pre-engineered Emulsion Filtration System



Model SCF Flatbed Air Vacuum Filter

SCF - AIR VACUUM FILTER

Filtertech manufactures a complete line of air-vacuum filters for medium to high flow conditions. These filters incorporate the patented air-flow modulating valve and labyrinth side seal design. Models include the SCF and the deep bed version HVSCF which can generate higher vacuums for more specific applications. For more information request Product Bulletin FT215E.

HGF - DEEP BED GRAVITY FILTER

For medium flow applications, Filtertech offers the Model HGF "High Performance" Deep Bed Gravity Filter. The Model HGF incorporates the same patented labyrinth side seal found on the Model SCF filters along with a very deep liquid pool for maximum filtration rate without the use of a vacuum. For more information request Product Bulletin FT234.



Model HGF Deep Bed Gravity Filter



Model ASF Automatic Self-Cleaning Centrifuge

ASF - AUTOMATIC CENTRIFUGES

For filtration of viscous fluids such as aluminum drawing oils and extremely fine particulate sludges found in electroplating solutions, Filtertech offers a complete line of centrifuges. From the simple manual Model MCF to the fully-automatic Models ACF and ASF. These units are ideal for many applications and also can be used as a polishing filter when operated on a bypass basis. For more information request Product Bulletins FT220C, FT229B and FT224A.

LF - COOLANT FILTRATION SYSTEM

To clarify low flow coolant applications, Filtertech offers the Model LF "Li'l Fil" Coolant Filtration System. The Model LF is a complete filtration system designed specifically for low flow applications. The Model LF comes complete with its own reservoir tank and optional clean supply pump. For more information request Product Bulletin FT233.



Model LF "Li'l Fil" Coolant Filtration System

ROLLING MILL FILTRATION SYSTEMS

ENGINEERED SYSTEMS

For copper, aluminum, brass, and steel rolling operations, as well as temper mills, Filertech offers complete fully engineered filtration systems. These systems can be designed to upgrade or replace existing filtration systems or pre-engineered filtration systems to match mill system specifications. Typical systems include filters, magnetic separators, reservoir tanks, pumps, heat exchangers, valve stands, level control, tramp oil removal, temperature control and electrical control panel. For more information request Product Bulletin FT207.



Mill System Pump Base Under Construction



*Model MSI
Magnetic Separator*

MSI - MAGNETIC SEPARATOR

The Model MSI Magnetic Separator is used for the removal of ferrous particles and tramp oils from rolling coolants. The MSI is equipped with a variable speed drive to regulate the removal rate of the ferrous particles and tramp oil. The MSI can be installed in an existing reservoir tank or it can incorporate its own tank in a remote location. For more information request Product Bulletin FT225.

ABS - LOW PRESSURE FILTER

The Model ABS is used for the filtration of low viscosity rolling oils to remove extremely fine particulates using a very low pressure differential. The ABS filter incorporates backwashable self-cleaning filter elements available in a wide range of configurations to meet your specific filtration needs. For more information, request Product Bulletin FT236.



Model ABS Low Pressure Filter



*Model VDU Vacuum
Distillation Unit*

VACUUM DISTILLATION UNIT

For the reclamation and recycling of spent rolling oils, Filertech manufactures the Model VDU Vacuum Distillation Unit. The Model VDU operates under an extremely high vacuum so that both the roll oil and costly additives are recovered without decomposition. For more information request Product Bulletin FT209B.

FLA - HIGH AIR VACUUM FILTER

The Model FLA High Air Vacuum Filter is designed for use on high flowrate applications as well as straight oils and other viscous fluids. The FLA incorporates a deep liquid pool along with high vacuum to achieve maximum filter cake generation for difficult applications. The FLA also utilizes the patented positive labyrinth side seals to eliminate solids migration into the clean liquid.



*Model FLA High
Air Vacuum Filter*

INDUSTRIAL LIQUID FILTRATION SYSTEMS

LGF - GRAVITY FILTER

The Model LGF Cylindrical Bed Gravity Filter is designed for low to medium flowrate applications. The LGF maintains a positive edge seal using “O-ring” seals attached to the perimeter of each side wheel. The filter incorporates a dirty inlet through the center shaft and a level control float in the bed of the filter to control the indexing of the filter media. For more information request Product Bulletin FT223B.

Model LGF Cylindrical Bed Gravity Filter



DBGF - DEEP BED GRAVITY FILTER

The Model DBGF Deep Bed Gravity Filter is designed for medium to high flowrate applications. The DBGF incorporates a very deep liquid pool for higher filtration rates and maximum filtrate clarity. The DBGF also incorporates Filtertech’s patented positive labyrinth side seal which prevents migration of solids around the edge of the filter media. For more information request Product Bulletin FT216B.

SF - SLUDGE FILTERS

For sludge dewatering applications, Filtertech has designed the Model SF Filter. This filter incorporates dual vacuum producers designed with an extended drying ramp and infrared heating elements to dry difficult sludges to meet landfill requirements. For more information request Product Bulletin FT206C.



Model SF Sludge Filter

Model APF Automatic Pressure Filter



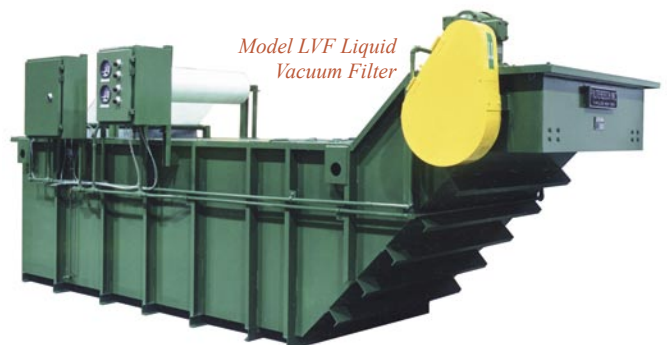
APF - PRESSURE FILTERS

For applications such as alkaline cleaners, phosphating solutions and medium weight oils where high solution clarity is required, the Model APF Automatic Pressure Filter provides the most effective filtration. The Model APF utilizes a totally enclosed filter chamber where a high pressure differential is achieved across the filter media for increased flowrates and high filtrate clarity. For more information request Product Bulletin FT219A.

LVF - LIQUID VACUUM FILTER

The Model LVF Liquid Vacuum Filter is used for many machining applications of various flowrates. The LVF incorporates a conveyORIZED dirty compartment which also uses filter media to achieve a high degree of clarity. The LVF also includes a clean compartment and clean supply pump to function as a complete filtration system. For more information request Product Bulletin FT226.

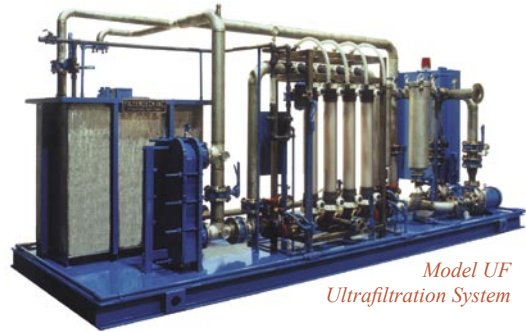
Model LVF Liquid Vacuum Filter



ENVIRONMENTAL SYSTEMS

UF - ULTRAFILTRATION SYSTEMS

For the treatment and removal of tramp and emulsified oils from alkaline cleaners, spent coolants and other wastewaters, Filtertech manufactures its Model UF Ultrafiltration System. The Model UF incorporates extremely dense UF membranes that resist rupture even under the most severe conditions. For more information request Product Bulletin FT221A.



*Model UF
Ultrafiltration System*



*Model TEB
Wastewater Evaporator*

TEB - EVAPORATORS

Filtertech manufactures a wastewater evaporator for the most demanding applications. The Model TEB Wastewater Evaporator effectively reduces the volume of most aqueous wastes by removing over 90% of the water phase. The Model TEB is available in standard sizes from 100 GPD to 4,000 GPD. For more information request Product Bulletin FT212C.

OWS - OIL-WATER SEPARATORS

To separate “free” and tramp oils from aqueous solutions, Filtertech offers its Model OWS Oil-Water Separator. The Model OWS utilizes high-efficiency polypropylene plate packs to separate the tramp oils from the process stream. The Model OWS is available in a complete range of sizes to meet most application requirements. For more information request Product Bulletin FT237.



*Model OWS
Oil-Water Separator*



*Model DTOS
Dual Tube Oil Skimmer*

DTOS - DUAL TUBE OIL SKIMMER

Filtertech offers its Model DTOS Dual Tube Oil Skimmer for the skimming and removal of “free” and tramp oils from process tanks, reservoirs, catch basins and oil-water separators. The Model DTOS utilizes two polypropylene skimming tubes for efficient tramp oil removal and greater surface coverage. For more information request Product Bulletin FT235.

SDU - SLUDGE DEWATERING UNIT

Filtertech offers its Model SDU Sludge Dewatering Unit for the removal of “free” liquids in the sludge discharge from a conveyORIZED tank. The dewatered sludge is discharged into a receptacle for disposal. The Model SDU incorporates a variable speed drive to adjust the degree of dryness of the sludge. For more information request Product Bulletin FT238.



*Model SDU
Sludge Dewatering Unit*

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