

Filter Equipment and Consumables for the Oilfield and Process Industry

DV TCH
FILTRATION

Experience & Innovation

FILTER EQUIPMENT

Dutch Filtration offers a complete range of Filtration Equipment:

- Dual Vessel Filter Units (cartridge, bag and combi)
- Filter Presses
- Mixing Slurry Skids
- Pump Skids (diesel and electric driven)
- Vertical Pressure Leaf Filter Units
- Cartridge and Bag Filter vessels
- Hose Baskets
- Dust Free DE dosing system
- Media Filters
- Custom Fabricated strainers / skids
- Automatic Self Cleaning Filters



Benefits

- Unique Rudi Quick Opening Closure on filter housings
- ISO corners on offshore frames
- DNV2.7-1 frames certified by DNV or LR
- Low center of gravity frames
- Vessels to PED / ASME VIII / EN13445
- Manifold sizes and connection types available for high flow equipment
- Equipment is also available for rental



FILTER CONSUMABLES



We offer a wide range of filter consumables:

- DutchFlow- Absolute Pleated Cartridges
- TwistFlow - Nominal Wound Cartridges
- OilWrap / OilLock - Oil Absorption Cartridges
- FiberFlow - Spunbonded Filter Elements
- BagFlow - Polypropylene Filter Bags
- Diatomaceous Earth Filter Aid (DE-media)
- Metallic Pleated Filters
- Liquid – Liquid Coalescers
- Gas – Liquid Coalescers

For fluid filtration at high flow rates we have a complete range of high flow filter cartridges:

- High Flow Pleated Filter Cartridges : MaxFlow, MegaFlow and WellFlow
- High Flow Pleated Bags

With our extensive knowledge of the market we can advise you which consumables best fits your specific application.

APPLICATIONS

Our products can be used in many Oilfield and Industrial Process filtration applications. Dutch Filtration will support you to select the best suitable equipment and consumables for your filtration requirements; efficient, safe and at the optimum economic value per treated barrel of fluid.

Completion fluids / Wellbore Clean up

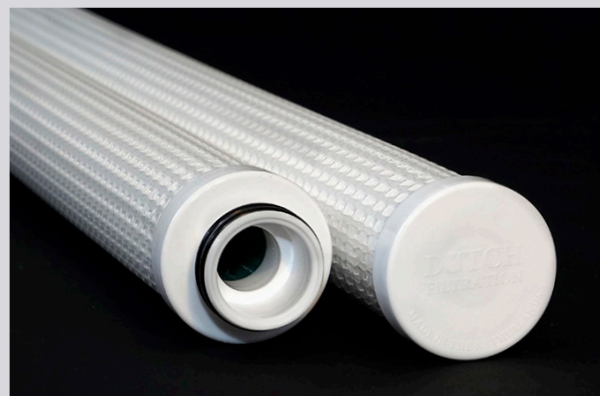
The purpose of filtering completion, workover or well bore clean up fluids is to prevent the contamination of the producing formation. Contamination reduces production and shortens the life of a producing well. Contamination of the formation with particles can occur during wellbore clean up, perforating, fracturing, acidizing, work-over, water injection, and gravel packing as well. Any time a fluid with solids is introduced into the well bore, no matter how slight, there is a chance of damaging/plugging the formation. Therefore all fluids used during completion of an oil and/or gas producing must be free of dirt particles.



Filter Press with plate shifter

Water Injection

In the oil industry, water flooding or water injection is used to increase pressure in the formation and thereby stimulate production. Normally only 30% of the oil in a reservoir can be extracted (primary recovery), but water injection increases that percentage up to 50% (known as the recovery factor) and maintains the production rate of a reservoir over a longer period. Any source of water can be used for injection. Filtration of the water prior to injection is crucial otherwise this will result in poor water quality, clogging of the reservoir and loss of oil production.



Other Applications:

- Produced Water
- Workover Fluids
- Gravel Pack Fluids
- Stimulation Fluids / Acids
- (Bio) Diesel
- Surface / Sea Water Intake
- Industrial Process Water
- Frac Fluids
- Waste Water / Slop Water
- Pre Filtration RO
- Pipeline Flushing
- Cooling Water filtration
- Waste Water Recovery
- Liquid – Gas Coalescing
- (Dry) Gas Filtration
- Liquid-Liquid Coalescing
- Amine and Glycol Filtration
- Decommissioning water clean up
- Geothermal

ABOUT US

Dutch Filtration was founded by Ruud Wolthuis and his two sons Lex and Dirk in 2016. Since 1972 Ruud Wolthuis (Wolthuis Machining) has been manufacturing water treatment and industrial process equipment. During the last two decades Wolthuis Machining has manufactured several hundreds of filtration systems for the Oil & Gas industry.

In 2016 Eric Wals joined Dutch Filtration as Managing Director. Eric previously worked at Twin Filter for 18 years. There he started out as Project Engineer and was the Business Unit Manager after the acquisition of Twin Filter by Parker Hannifin.

We design, innovate, engineer and fabricate high quality equipment and consumables in-house. With many years of field experience, we offer rental equipment, spare parts, onsite training, maintenance and refurbishment of equipment, on- and offshore as well as consultancy support for filtration operations.

Our manufacturing facility is equipped with:

CNC Lathes and CNC Milling
Welding Capacity: TIG - MIG
Lifting Capacity 20 ton + 6.4 ton
Filter test facility

We design and manufacture our housing and units in accordance with:

Design filter housings Pressure European Directive (PED)
Design code vessels : EN13445, ASME VIII, PD5500
Offshore Frames : DNV2.7-1 / EN 12079

Housings and systems are manufactured with the following materials:

Carbon steel
Stainless steel 316/304
Duplex, Super Duplex
904L, SMO254

A photograph of a modern industrial building with large glass windows and a grey facade. The words "DUTCH FILTRATION" are printed in large, bold, black letters on the side of the building. The sky is blue with some white clouds.

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