

## ABOUT US

Dutch Filtration is founded by Ruud Wolthuis and his sons Lex and Dirk in 2016. Since 1972 Ruud Wolthuis is manufacturing water treatment and process equipment. The last two decades; Wolthuis manufactured hundreds of filtration units for the oil and gas industry.

In 2016 Eric Wals joined Dutch Filtration as Managing Director. Eric did work at Twin Filter for 18 years. Started as project engineer and became business unit manager after the acquisition 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 of equipment on- and offshore and consultancy support for filtration.

**Our manufacturing plant 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 in the following materials;**

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



# Filter Equipment and Consumables

## For the Oilfield and Process Industry



*BRING YOUR FILTRATION  
TO A NEW LEVEL*

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**DUTCH  
FILTRATION**

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# FILTER EQUIPMENT

Dutch Filtration offers a complete range of filtration equipment:

- Dual vessel filter unit (cartridge, bag and combi)
- Filter press
- Mixing Slurry skid
- Pump skids (diesel and electric driven)
- Vertical Pressure leaf filter unit
- Cartridge and Bag Filter vessels
- Hose baskets
- Dust free DE dosing system
- Media filter
- Fabricated strainers / skids
- Automatic Self Cleaning Filters

## Our Benefits

- Unique Rudi Quick opening closure on filter housings
- ISO corner 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
- Our equipment is also available for rental



# FILTER CONSUMABLES



To complete your filter range we offer a wide range of filter consumables. :

- Absolute pleated cartridges
- Nominal wound cartridges
- Oil absorption cartridges
- Spunbonded filter elements
- Polypropylene Filter bags
- Diatomaceous Earth Filter Aid (DE-media)
- Oil Absorption Filter elements
- Metal 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
- High flow pleated bags

With our extended knowledge of the market we know which consumables fits the best for your application.

# APPLICATIONS

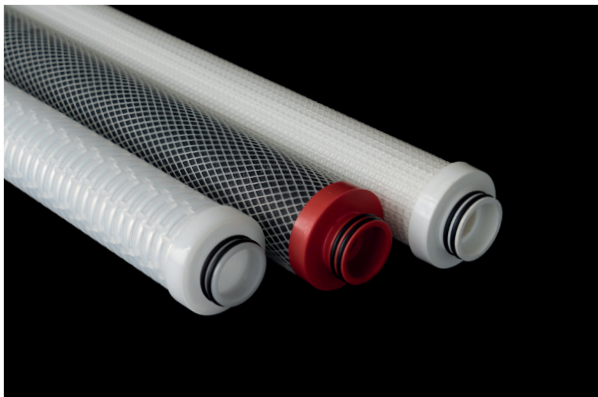
Our products can be used in different applications in the oilfield industry as well as the process industry. Dutch Filtration will support you to select the best suitable equipment and consumables to perform filtration service; efficient, safe and against optimum cost per treated barrel.

## Completion fluids / Wellbore Clean up

The purpose of filtration completion, worker or well bore clean up fluid is to prevent the downhole contamination of the formation. Contamination reduces production and shortens the life a producing well. Contamination of the formation with particles can occur during wellbore clean up, perforating, fracturing, acidizing, workover, water injection, and gravel packing as well. Any time fluid is put into the well bore with a solid content, no matter how slight; there is a chance of damaging the formation. Therefore all fluids used during completion of a oil or gas producing must be free of dirt particles.

## Water Injection

In the oil industry, waterflooding 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
- Process water
- Frac fluids
- Waste water / Slop water
- Pre filtration RO
- Offshore Pipeline flushing
- Cooling water filtration
- Liquid – Gas coalescing
- (Dry) Gas filtration
- Liquid-Liquid Coalescing
- Amine and Glycol filtration