

## Cartridge Filter Housings



### Mobile filter system

Solid particles are retained in processes for separating solids from liquids. The mobile filter unit can be used for partial flow and full flow filtration. The mobile filter unit is assembled according to process and customer requirements. The basic component (see mobile filter housing) of a mobile filter system consists of our Wolftechnik filter housings: bag filter housings, cartridge filter housings, redundant housings, high-flow housings, multiple bag filter housings and centrifugal separators. The filter system is assembled from our range of housings, installed assembled and delivered as a mobile unit. All features of the filter system are individually planned and manufactured.

### Mobile filter system

#### Technical data

Material:	Mobile trolley: Stainless steel 1.4301 / 1.4401*
	Filter housing: Stainless steel 1.4301 / 1.4401 / 1.4404*
	Pipework: Stainless steel 1.4301 / 1.4401*
	Seal: Viton (optionally Viton-FEP-coated, EPDM, NBR, silicone)
In- / Outlet:	Size, type and location according to customer specification
Filter element::	depending on the filter housing
Pressure:	6 / 10 bar
Power supply:	400 V / 32 A, 50 Hz
Temperature:	95 °C
Flow rate:	The maximum flow rate correlates to the nominal diameter of the housing connection and the characteristic curve of the flow rate of the chosen filter element.

#### Application fields

- Chemicals, Paints & Cosmetics
- Water & Purification
- Electronics & Optics
- Partial flow and / or full flow filtration
- For the delivery of raw materials by tanker

#### Features and Benefits

- The mobile filter system can be used flexibly at several locations
- Execution according to process and customer requirements
- Expandable with many optional components
- Almost all Wolftechnik filter housings can be converted into mobile filter systems

\*Further versions available according to customer specifications



### Mobile filter housing

The standard version consists of a mobile trolley and a filter housing (PED 2014/68/EU) of your choice. Optionally with control cabinet (MRL 2006/42/EC), pump, flow meter, differential pressure measurement, signal transmitter and other components.

## Accessories & Adapters & Socket



### Accessories

Vents necessary for operation to release the pressure when changing filters, instruments suitable for rest-drainage, pressure controls and gauges when using the filter housings are a typical equipment for pressure vessels, and can be custom made and delivered for specific use.



### Adapters

Adapter components are often necessary when installing Filter elements into the filter housings. We therefore offer a multitude of adaptation possibilities, e.g. adapters for range adjustments, adapters for the connection of additional filter elements or adapters as a centring assistance to be used in the installation of the filter elements.



### Tripod

Three permanently welded feet are used to set up the cartridge filter housings.



### Socket

The innovative socket made of cast stainless steel impresses with its compact, space-saving design. Another advantage is that, thanks to the special design of the socket together with a horizontal outlet, the housing can be completely emptied.

