

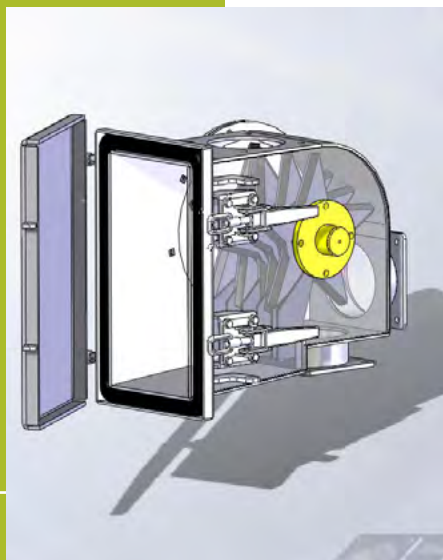
Cutting filter



- Suitable for many purposes, such as manure tanks, manure separator installations and decanter installations
- Prevents clogging and increases efficiency of distributor or installation
- Easy to maintain

The Sootsmid cutting filter is suitable for attachment to a vacuum tank and pump tanker as well as for separate systems, such as with a pump or slurry separator. The optimal construction of Sootsmid cutting filters helps to ensure good reduction and filtering of the flow of slurry. Larger particles are captured in the filter housing. The star-shaped, interlocking cutting blades rotate closely along the cutting comb and ensure a forced flow of slurry with minimal resistance. The cutting filters are supplied with a 6" or 8" connection. All parts are easily accessible and wear is minimised.

The cutting filters are easy to open and to clean thanks to secure closing of the cutting chamber. The release valve can be supplied as either a clockwise or anticlockwise version. The housing is made of strong steel and is fully galvanised for a lengthy service life. The cutting filter can be driven hydraulically or electrically, depending on the preferred configuration.



Technical specifications

Type	SF 6	SF 6E	SF 8	SF 8E
Connection dimension	6"	6"	8"	8"
Drive system	Hydraulic	Electric	Hydraulic	Electric
Options	Hydraulic opening/closing and rotor safeguard	Rotor safeguard	Hydraulic opening/closing and rotor safeguard	Rotor safeguard



Characteristics

- Manganese steel cutting mechanism
- Blades mounted rotated on hexagonal shaft
- Blades can be used on both sides
- Simple lateral disassembly and assembly of the cutting rotor
- Hatch door can be either left or right hinged
- Dual inlet and outlet possible
- Minimal maintenance costs
- Cutting filters are available with 6" and 8" connections.
- Suitable for vacuum tankers and pump tankers
- Easy to clean and use
- Fully galvanised
- Protects the pump from large, coarse and hard particles
- Lengthens the service life of the pump
- Reduces blockages in the injector
- One model of rotor stars made of manganese steel, reversible, fitted with a sharp cutting angle on a hexagonal shaft
- Adapter with grease chamber between hydraulic motor and filter housing to prevent slurry from mixing with the oil, and vice versa
- Leakage is noticeable immediately
- Heavy comb with manganese steel angle to prevent residual accumulation in the filter housing
- Rotor must be fully disassembled with hydraulic motor.
- Intake installation possible in two locations (top and side)
- Cutting filter easy to retrofit with hydraulic opening and closing (on SF8 only)
- Electric motor or hydraulically driven

