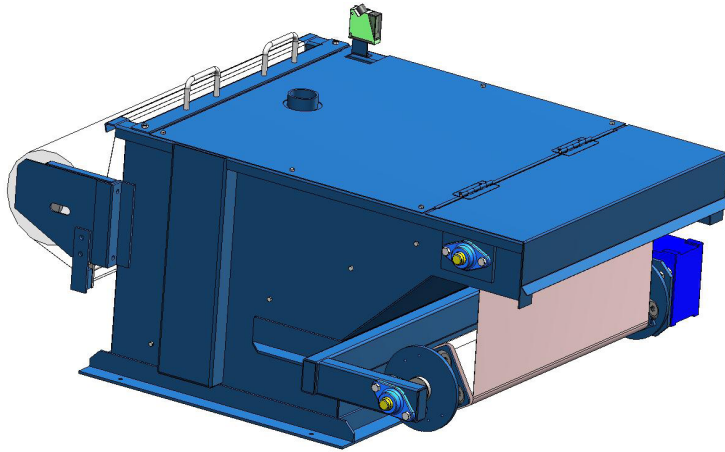


Hydrostatic clarifier FHS



Design

The Hydrostatic clarifier continuously removes solid particles from water-based emulsions and oils. The filter chamber is built as a wedge shape with the filter area running up the sloping edge, this makes the filter compact and space saving..

The Hydrostatic Clarifier is a versatile filter that handles flow rates between 100– 600 lpm and filters down to 10 μ when a fine filter media is used.

- The filter has a very high capacity and filtration efficiency to the price
- Minimum maintenance due to very few moving parts
- Minimum floor area for higher flow rates
- Automatic re-winding of contaminated media giving easy disposal

Function

The liquid enters the top of the filter to reach the filter fabric, which lies up the sloping filter area. The liquid flows through the filter fabric, which retains the solid particles when the filter fabric becomes blocked with contamination.

When the fabric becomes blocked a level sensor activates the re-wind drive which draws in a fresh length of media. A sludge scraper removes the bulk of the sludge from the fabric. When Permanent filter media is used (ELM), the media is continuously recirculated and the media is clean through flushing or/and air nozzles.

Technical data

Model	Flow l/min*	Media l/min	A	B	C	D	E	F	Article no
FHS100	100	500	1435	615	610	725	260	500	76235140
FHS200	200	711	1435	615	830	725	260	500	76237140
FHS400	400	1000	1660	740	1120	950	260	625	76239140
FHS600	600	1000	3096	1722	1120	1897	434	1526	76241140

All dimensions are approximate

* In water based emulsion