



HYDROTECH

Compact & Flexible
Primary filtration
with Hydrotech microscreens

Compact footprint and Maximum flexibility

Hydrotech's footprint corresponds to 20% of traditional primary clarifiers

Hydrotech microscreens can be used as a compact and cost-effective solution for primary treatment of municipal wastewater, i.e. as an alternative to conventional primary clarification.

The surface needed for the process can be significantly reduced compared to conventional primary settling. Furthermore, the concept offers great flex-

ibility in terms of possibilities for control of loading (BOD, COD and P) to biological treatment. With excellent opportunities for extensive removal of organic matter and phosphorus, primary filtration can also be applied as a stand-alone process in configurations where subsequent biological treatment isn't required, for example in storm water treatment.



Reduced footprint

The surface needed for Hydrotech's filters represents 20% of that required when using conventional clarifiers for similar or better removal performances.

Great flexibility

Thanks to the different filter openings available and the possibility to add chemicals upstream, you can optimize your biological treatment downstream while increasing your primary sludge production for biogas production

Flexible & cost-effective

Cost-effective water treatment systems

Choosing Hydrotech for your primary wastewater treatment requirements brings you the following advantages:

- Cost-effective technology
- Low backwash flow – small carbon footprint (CO₂ emission)
- Easy to operate, easy to maintain
- Product flexibility – easy to customize to specific water treatment needs
- Sturdy, compact design – minimizing the need for service and support
- Long-term partnership and development – your guarantee of the best in water treatment

Long-term partner

When you choose a microscreen from Hydrotech, you get more than just a product. You gain a supplier who will do its utmost to secure your investment in the long term. We share a vital interest with you and with nature: purer water.

We are there for you

Together with our parent company Veolia Water Solutions & Technologies and our network of highly specialized representatives world-wide we are able to offer total solutions for all your water filter needs including:

- Problem identification
- Design evaluation
- Cost-efficiency tests
- On-site testing
- Drawing specifications
- Installation
- Start-up
- Training
- Support
- Feasibility

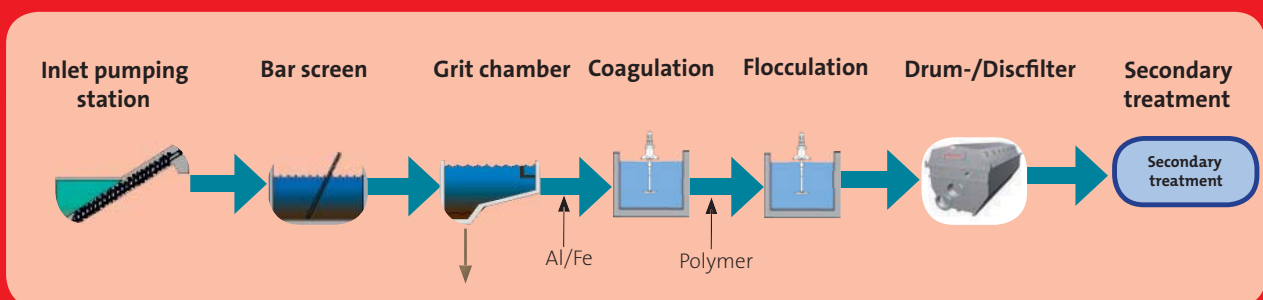
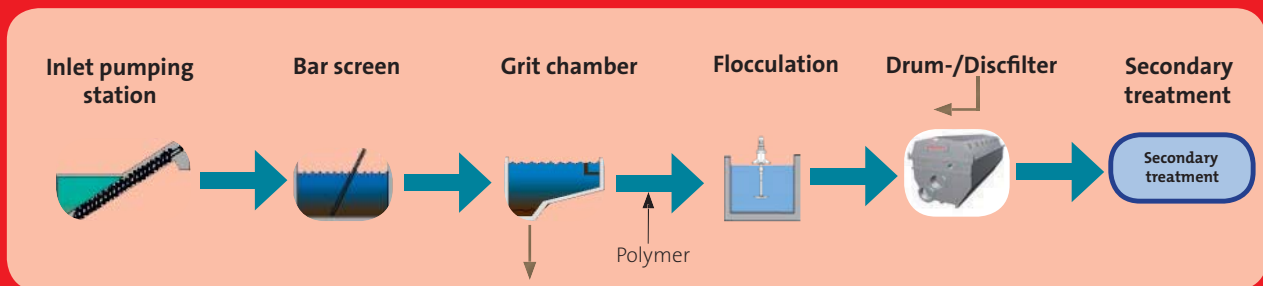
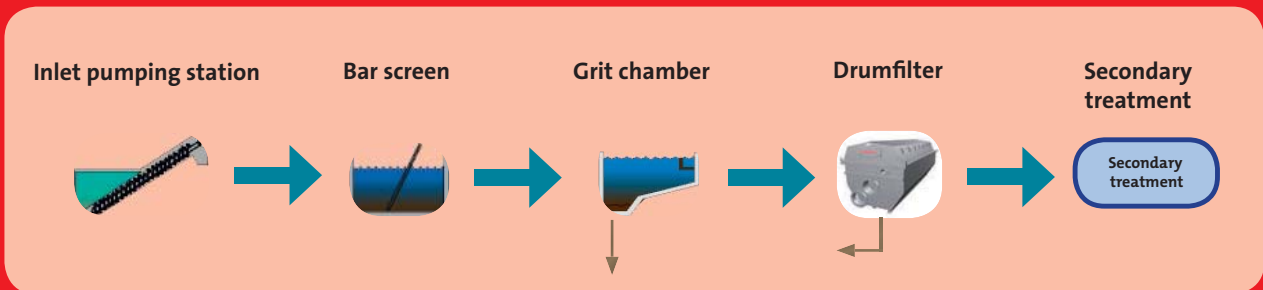
- Compact yet performant solutions
- Flexibility during retrofits
- Short delivery time
- Optimized economy and low carbon footprint
- Self-cleaning - savings on operation and maintenance costs



Performant primary treatment with optimized SS and P removal



- New opportunities to control and manage phosphorous and organic matter removal upstream the biological treatment.
- New solutions for online control of phosphorous and SS reduction of up to 95% removal rate, allowing the client to optimize the biological treatment downstream the filters.



Why Hydrotech?



Your Long-trusted Partner

World leading microscreen manufacturer

- First class Swedish engineering & manufacturing
- The most-cost effective solution to improve water quality
- Short delivery times

8000 microscreens sold (3000+ installations)

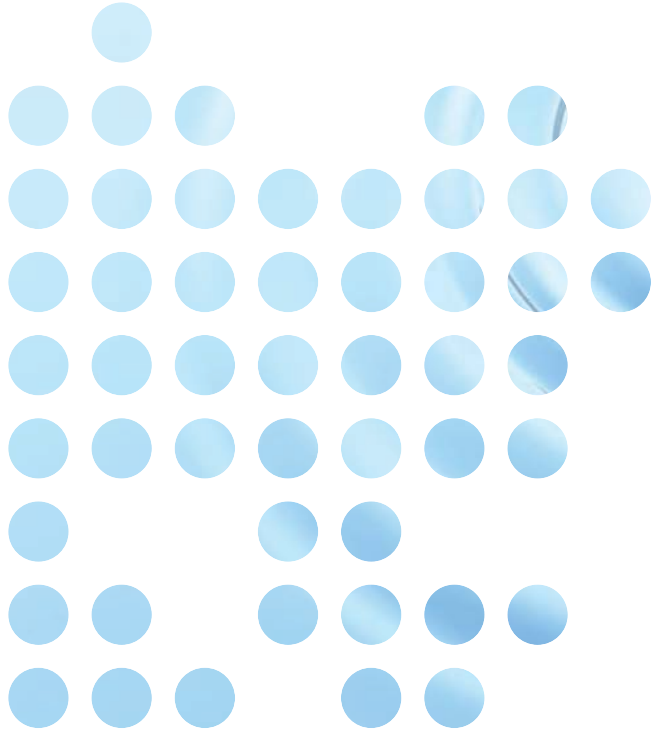
- Proven quality and exceptional longevity
- Product design meets/exceeds market requirements

30 years of experience

- Global network ensures local support and expertise
- Extensive worldwide sales and after sales service
- Collaborative development with our business partners to fulfill market needs and demands

World's most trusted microscreens

- Compact yet performant solutions
- Wide range of filter panels (10-1000µm)
- Ceramic backwash nozzles provided as standard, self-cleaning nozzles in stainless steel as option
- Flexibility during retrofits
- Long-life filter panels
- Optimized operation costs and low carbon footprint
- Self-cleaning - savings on maintenance costs
- Rapid response to industry needs: complete support from sizing filter units to supplying spare parts



Hydrotech microscreens are the most cost-effective and compact solution to improve water quality in primary filtration. Our rapid response to industry needs from complete support to supplying spare parts has made us the preferred choice in water filtration.



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