

Noggerath® Combined Unit TOP and TOP-F

Simplify wastewater pre-treatment with a single integrated headworks system

Hydro
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Product Summary

The Noggerath® Combined Unit TOP is an entire headworks system that removes the need for separate pre-treatment equipment at wastewater treatment works. Installed at the inlet works, the unit combines fine screening, dewatering and grit separation, as well as optional fat, oil and grease removal with the TOP-F range.

The unit removes up to 95% of grit particles down to 0.2mm with a specific gravity of 2.65.

Applications

- » Pre-treatment for municipal or industrial wastewater treatment
- » Mechanical wastewater pre-treatment for membrane plants
- » Septic sludge treatment

Benefits

Protect downstream pumps and equipment

A first line of defense, reliable pre-treatment at the inlet works stage removes debris and grit, **preventing damage or clogging of downstream equipment and improving overall operational efficiency** at wastewater works.

Save space and costs with an entire headworks in a compact footprint

By integrating multiple processes into one system, the Noggerath® Combined Unit provides **efficient pre-treatment** from a small space and also **simplifies installation** by eliminating the need for separate systems.

Optimise performance with flexible design options

The Noggerath® Combined Unit is available in non-aerated or aerated designs for installation **above-ground or in channels** and can also accommodate a **wide range of screens such as step screens**, fine sieves and rotary drum screens.



Technical Information

Flow rate	Up to 300 l/s
Perforation	1 mm – 10 mm
Wedge wire	0.25 mm – 6 mm
Tank, cover and support materials (others available on request)	Stainless steel AISI 304 or AISI 316
Spiral material	Special Micro Alloy Steel St 52 (carbon steel in accordance with AS Group standard) or stainless steel AISI 304 or AISI 316



Find out more about how the Noggerath® Combined Unit TOP and TOP-F can simplify wastewater pre-treatment:

→ hydro-int.com/top-topfcombi

How it works

1. Pumped or by gravity, the wastewater enters into the screen section. Coarse solids are removed from the effluent, then washed, compacted and dewatered.
2. The coarse solids are then discharged into a container and the screened effluent is discharged into a wider tank section for grit and sand sedimentation.
3. The grit can then be conveyed to a grit classifier and can be further washed prior to disposal into a container.
4. For the TOP-F system, the effluent is then treated for fat, oil and grease (FOG) removal.



Combine pre-treatment processes at municipal wastewater treatment plants with an integrated headworks system

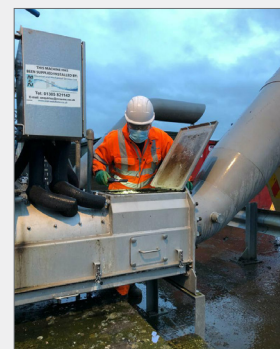
To find out how our range of wastewater inlet works solutions can help you cut the costs of solids handling and improve downstream treatment efficiency at your treatment works call 01275 878371 or visit: → hydro-int.com/inlet-works

UK Wastewater Services

Hydro International's UK Wastewater Services team is the country's largest provider of screen servicing and maintenance. Operating from five regional offices across the UK they deliver critical support to wastewater treatment plant owners and operators 24 hours a day, 365 days a year.

- » Repair & refurbishment
- » Spares provision
- » Servicing & maintenance
- » Emergency support 24/7
- » Inlet equipment hire

To find out how our services team can help you keep your inlet works working at peak efficiency please call 01305 821142



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