

Noggerath® Grit Receiving Stations

Protect downstream processes
and cut disposal costs with
effective grit removal

Product Summary

The **Noggerath® Grit Receiving Stations** is designed to receive organics/solids/water-mixtures discharged by septage trucks.

Such material is typically collected by the trucks from flushing of public sewers, ie. if sewers are cleaned by high pressure cleaners from sedimentations like sand, grit, gravel but also from waste originated by littering or from organics of trees, bushes etc.

Applications

- » Municipal wastewater treatment plants
- » Sewer networks

Benefits

Improve efficiency of downstream assets and sewer network

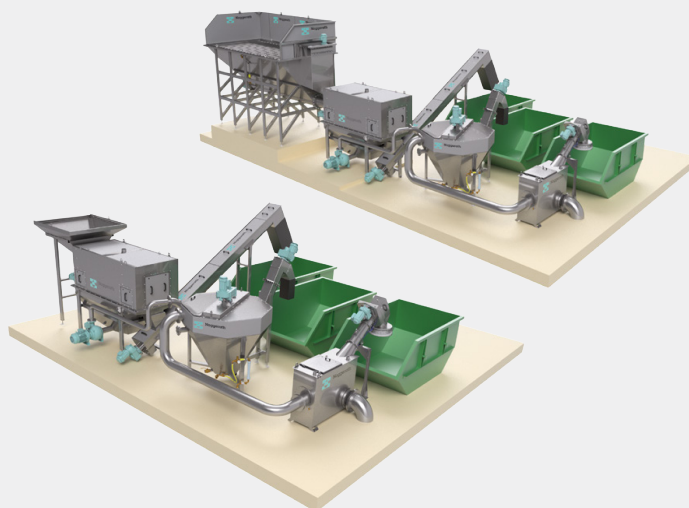
By mechanically removing grit and solids from wastewater, operators can **prevent subsequent damage and clogging** to wastewater treatment plant assets and **improve the functionality of the sewer network**.

Significantly reduce material disposal costs

Grit removal enables this material to be cleaned and repurposed rather than disposed of, **helping operators to cut costs**, especially those facing higher disposal costs due to landfill space shortages.

Tailor the process to your needs

The receiving bunker system can be **customised to specific needs** and **adapted to individual local conditions** to ensure **optimal performance**.



Technical Information

Tank, Grate, Splash Guard, Frame, Drum, Drain Tray, Trough, Lid, Tank	Stainless steel AISI 304L, AISI 316L
Spiral	Special microalloyed steel St 52, or stainless steel AISI 304 or AISI 316L
Rollers, Pinion, Gear Wheel	Nylon (Polyamide)
Chain, Sprocket, Chain Pinion	Commercially available, optional in stainless steel
Agitator Arms	HARDOX and stainless steel
Wear Liner	UHMPE or stainless steel
Fittings	Brass or stainless steel



Find out more about how the Noggerath® Grit Receiving Stations can help protect downstream processes:

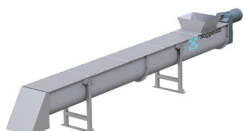
→ hydro-int.com/septage-receiving

How it works

1. Material is received by a bunker – available for suction vehicles, dump trucks and wheel loaders – then transported using clogging-free, smooth-running Noggerath® Spiral Conveyors.
2. Coarse material separation and washing is completed in the automated Noggerath® Drum Screen RSH-I, which has a throughput of up to 50 m³/h of sand-organic mixture. Coarse material is then discharged.
3. The wastewater undergoes grit washing using Noggerath® Grit Washers GWC. A wide range of automated sand washing systems are available, with the modular systems combining sand separation and sand washing to deliver over 90% dry solids. Grit is then discharged.
4. The wastewater can optionally then be finely screened using Noggerath® Spiral Sieve NSI/D-T which integrates fine screening, compaction, dewatering and discharge into one unit. Screenings are then discharged.
5. The mechanically treated flow is then transported to a treatment plant or sewer network.



Receiving bunker



Noggerath® Spiral Conveyor



Noggerath® Drum Screen RSH-I



Noggerath® Grit Washers GWC



Noggerath® Spiral Sieve NSI/D-T

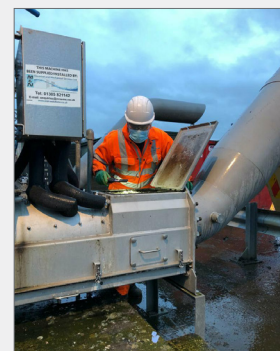
To find out how our range of wastewater inlet works solutions can help you cut the costs of solids handling and improve downstream treatment efficiency at your treatment works call 01275 878371 or visit: → hydro-int.com/inlet-works

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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