



A brand of
Aqseptence Group

Noggerath® Spiral Compactor SCD

Conveying, pressing and dewatering of screenings in wastewater treatment plants and waste, residue and recyclable matter in industrial processes.



The Aqseptence Group offers you the Noggerath® Spiral Compactor SCD with its centrepiece, the shaftless spiral which reliably conveys, dewateres and com-

pacts even problematic materials – e.g. combining fibres or grit – without clogging. Size, length and installation angle can optimally be tailored to meet indivi-

dual site requirements. Noggerath® Spiral Compactor SCD conveys grit, sludge or other matters into a compacting and dewatering zone. Solids are fed via a hopper into a U-shaped conveyor trough, where it is taken up by a conveyor spiral and transported further. The spiral leads to a perforated or wedge-wire screen for dewatering. Supported by a spring-loaded back-pressure flap mounted at the outlet, the solids are formed into a friction plug and simultaneously compacted and dewatered.

Benefits

- Economic and compact: conveyance and dewatering in one system
- Simple, fast maintenance due to single conveying element
- Heavy-duty spiral with insert design
- Fully encapsulated system
- No internal bearings to prevent blockages
- Non-clogging even with fibrous materials
- Flexible installation and ease of integration into existing plants

Fields of operation

- Wastewater treatment plants
- Waste disposal
- Beverage industry, catering, canteens
- Fish and meat processing
- Abattoirs and tanneries
- Fruit and vegetable industry
- Food industry
- Chemical industry
- Pulp and paper industry

Design sizes

Type	SCD 160	SCD 180	SCD 280	SCD 360	SCD 460
max. inlet capacity (m ³ /h)*	1	2	5	8	12

* Depending on material

Performance

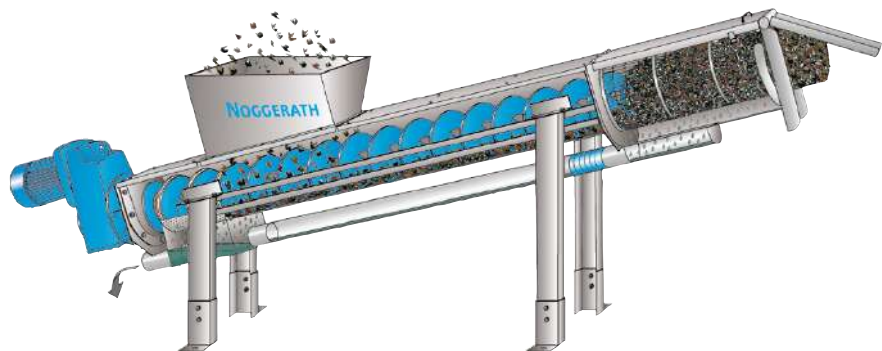
Trough length	up to 12 m
Installation angle	up to 25°
Dry matter content of discharged material	up to 35 %

Materials

Conveyor trough, cover, cylinder, hopper, supports	stainless steel AISI 304 or AISI 316 Others on request
Spiral	special Micro Alloy Steel St52 (carbon steel in acc. with AS Group standard), alternatively stainless steel AISI 316
Wear lining	PE-UHMW 1000, alternatively stainless steel AISI 316 Others on request

Options

- Automatic compacting zone
pipe flushing
- Vertical discharge with
bagging device
- Lateral direct injection from
spiral conveyor to minimise
design height
- Heating for outdoor instal-
lation (or frost protection)
- Safety microswitch on the
dewatering zone for safe
operation and inspection



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The technical data stated in this brochure are indicative only and have to be determined for each individual case.
Reserve technical changes.