



## Noggerath® Spiral Compactor SCD

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



The Apseptence 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 200	SCD 250	SCD 300	SCD 400	SCD 500
max. inlet capacity (m <sup>3</sup> /h)*	2	3,5	5	8	12

\* Depending on material

## Performance

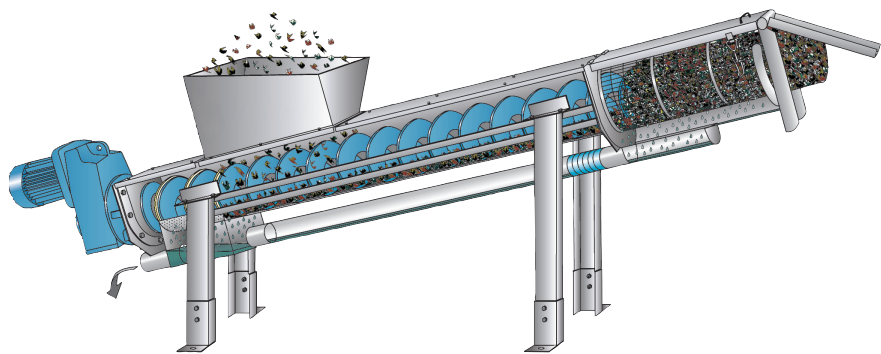
Trough length	up to 12 m
Installation angle	up to 25°
Dry matter content of discharged material	up to 35 %

## Materials

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

## Options

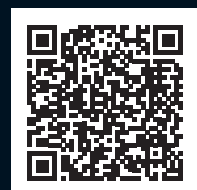
- Automatic compacting zone pipe flushing
- Vertical discharge with bagging device
- Lateral direct injection from spiral conveyor to minimise design height
- Heating for outdoor installation (or frost protection)
- Safety microswitch on the dewatering zone for safe operation and inspection



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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.