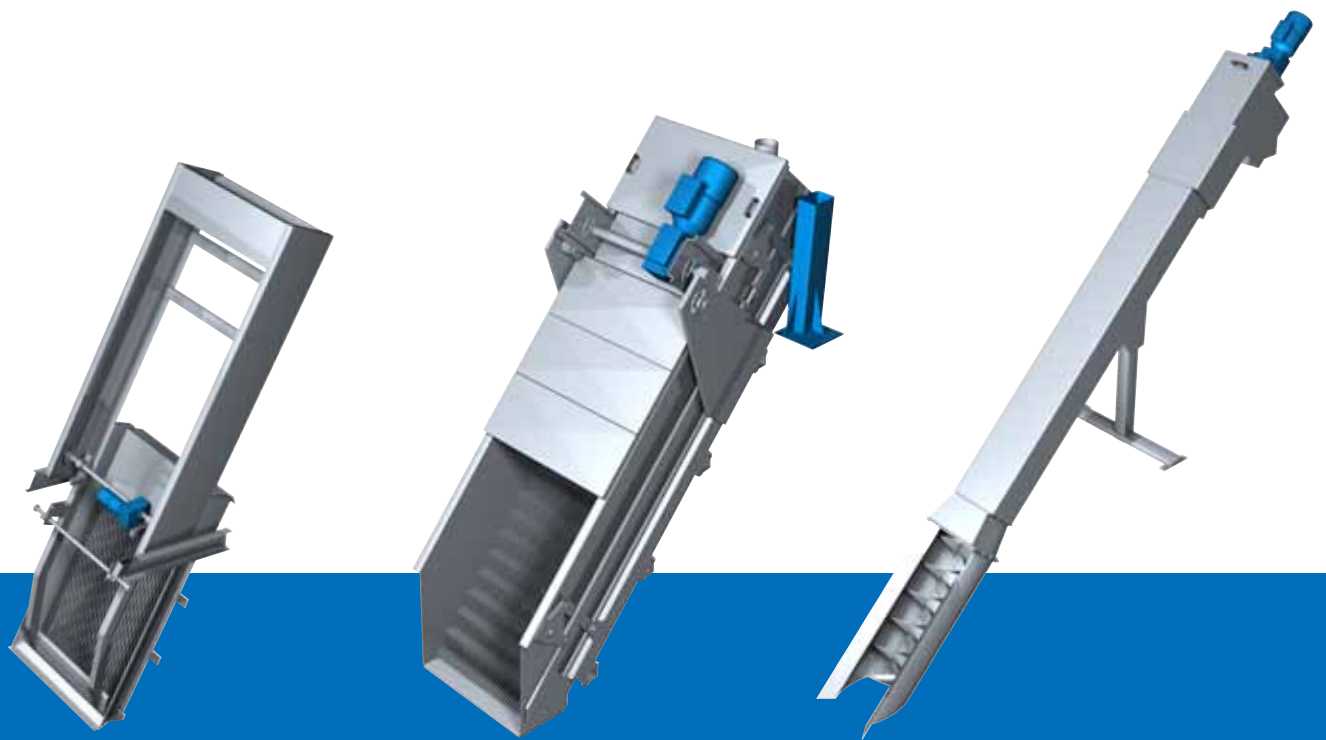




# ConPura® Handling of Screening

Effective and  
Reliable Screening  
Equipment



**ConClimber** Coarse Screen

**ConCable** Coarse Screen

**ConStep** Fine Screen

**ConSieve** Conveyor Screen

**ConDrum** Drum Screen

# Handling of Screening

## Effective and Reliable Screening Equipment

Conpura has a wide range of equipment for efficient handling of screenings in sewage treatment plants and in industry. Our line of equipment includes a well-documented range of screw- and drum screens as well as fine and coarse screens. When you choose products from Conpura you can be assured that your facility will conform to all requirements currently and in the future.

### Conpura's line of screening equipment includes:

**ConClimber Coarse Screen** - for pumping stations and treatment plants

**ConCable Coarse Screen** - covered screens at limited ceiling heights

**ConStep Fine Screen** - step screen for solids in waste water

**ConSieve Conveyor Screen** - designed for efficient handling of the screening

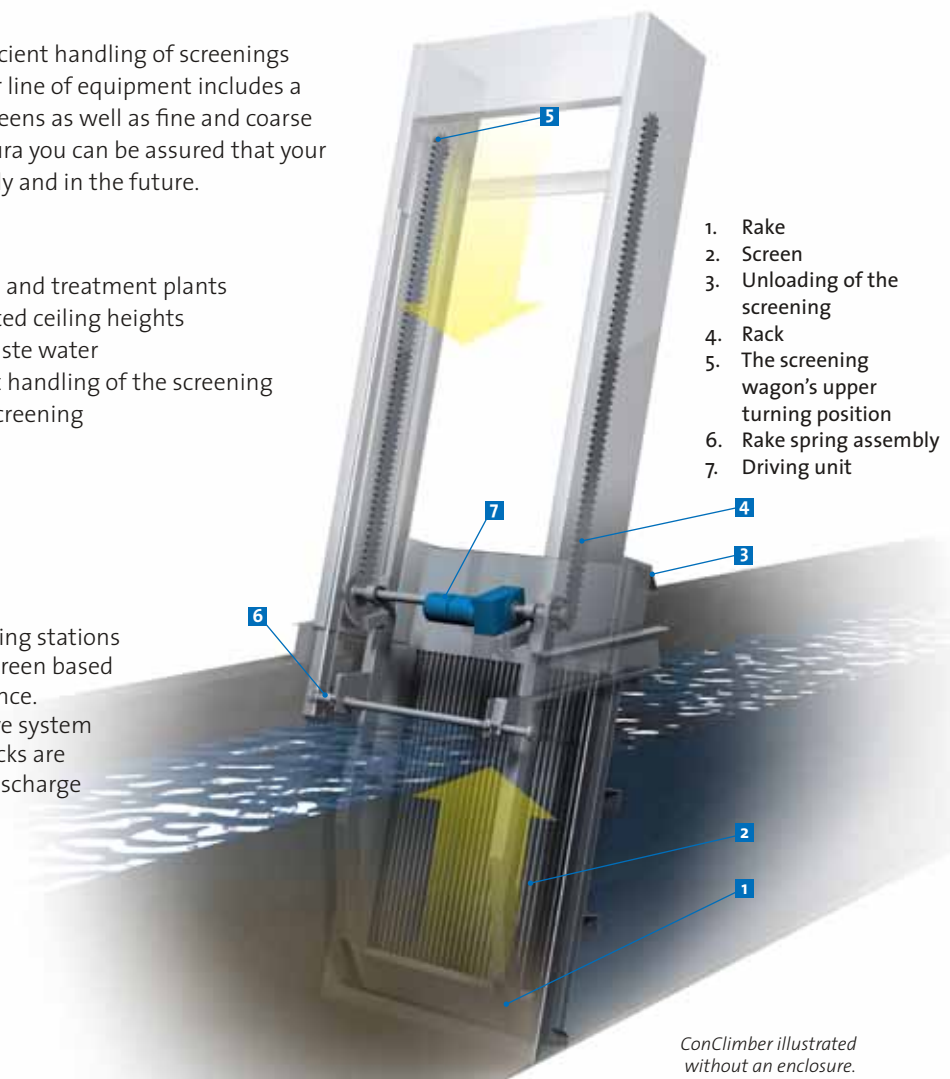
**ConDrum Drum Screen** - efficient separation of screening

### ConClimber Coarse Screen

ConClimber is intended for installation in pumping stations and treatment plants. It is a developed coarse screen based on well-known technology and 25 years experience. Hardened involute gear racks and cogwheel drive system eliminates the need of chain tension. As gear racks are fixed to frame sides the depth of channel and discharge heights are unlimited.

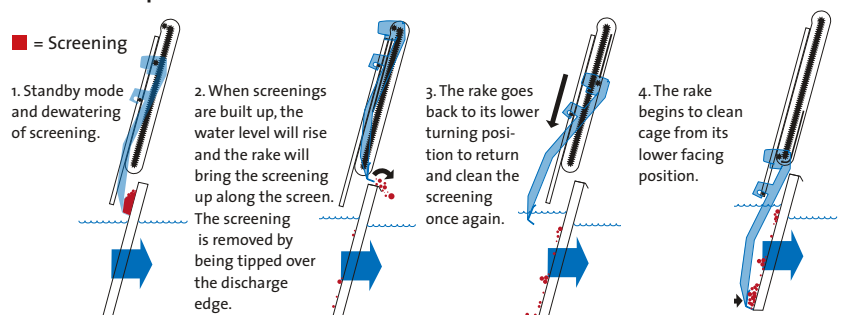
#### Benefits of ConClimber:

- Bar spacing down to 5 mm slot width
- Made of stainless steel or other special steel
- Very few moveable parts
- Suited for deep channels with a water depth up to 3 meters
- When higher water depth occasionally occurs, the screen can be provided with hydraulic drive
- Width up to 3600 mm
- Reliable and cost effective involute gear rack with Conpura-developed cogwheel drive
- Covered enclosure available upon request
- Strong design insensitive to coarse debris
- Rake fitted with springs to extend the lifetime
- Cost saving design



*ConClimber illustrated without an enclosure.*

#### ConClimber Operation



## ConCable Coarse Screen

ConCable is a wire driven coarse screen designed for installation in deep and wide channels which in comparison with other screens on the market is very suitable for installations where ceiling heights are limited. The screen is completely covered and will be delivered complete with a control cabinet.

### Benefits of ConCable:

- Handles unlimited channel and water depth
- Available for channel widths up to 3 meters
- Strong design that is insensitive to sand and coarse debris

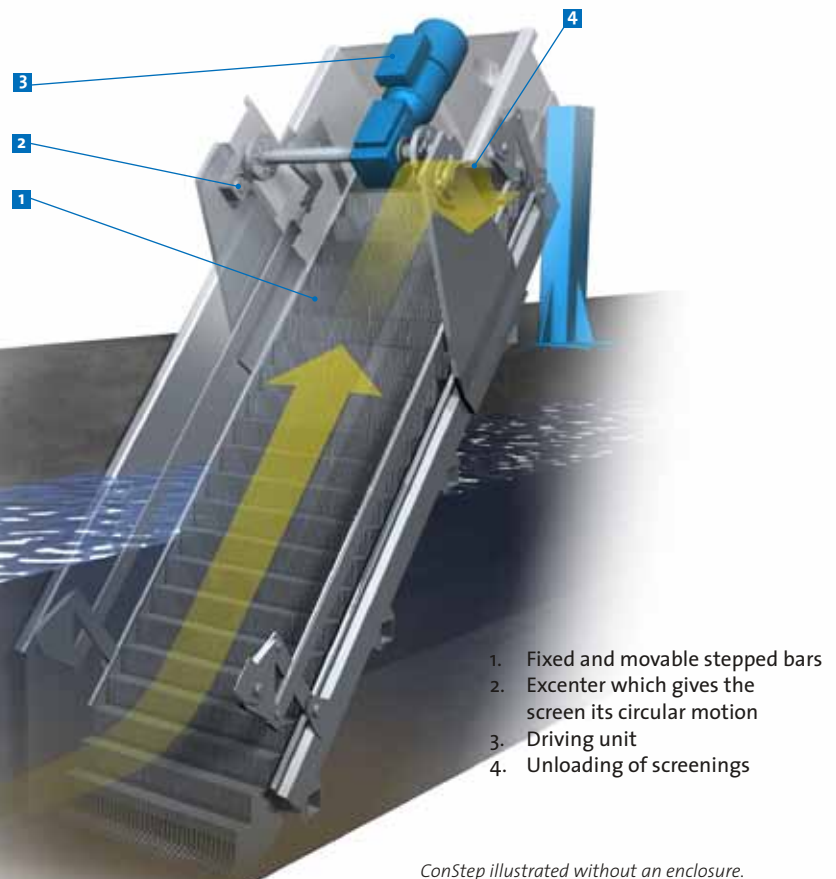
- Suitable for installations in new and existing installations because the required installation height is significantly lower than other brands in the market, providing a low total investment cost
- Wire-driven rake screen with few moving parts
- Low operating and maintenance cost

## ConStep Fine Screen

The ConStep is a step screen designed to separate particles in waste water. The ConStep is most commonly installed at sewage treatment plants and pumping stations. It is all manufactured in stainless steel and is fully enclosed.

### Benefits of ConStep:

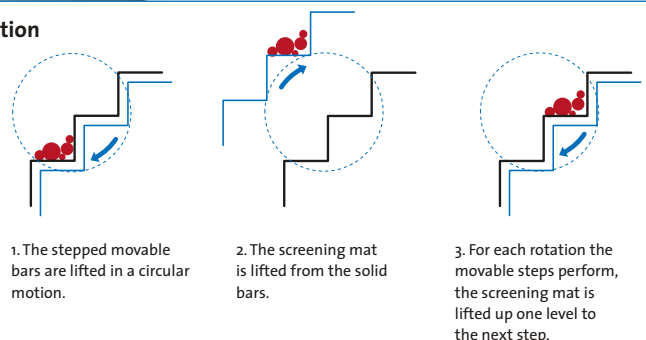
- The screen's large, open area gives high capacity per unit area and a low head loss
- Self-cleaning screen; no spray water or brush necessary
- Easy transportation of the screening carpet secures good separation efficiency
- Can be installed in smaller plants and in stainless steel tanks
- Low operating costs and low maintenance
- Screen is pivotable



*ConStep illustrated without an enclosure.*

### ConStep Operation

- = Screening
- = Variable stepped bars
- = Fixed stepped bars

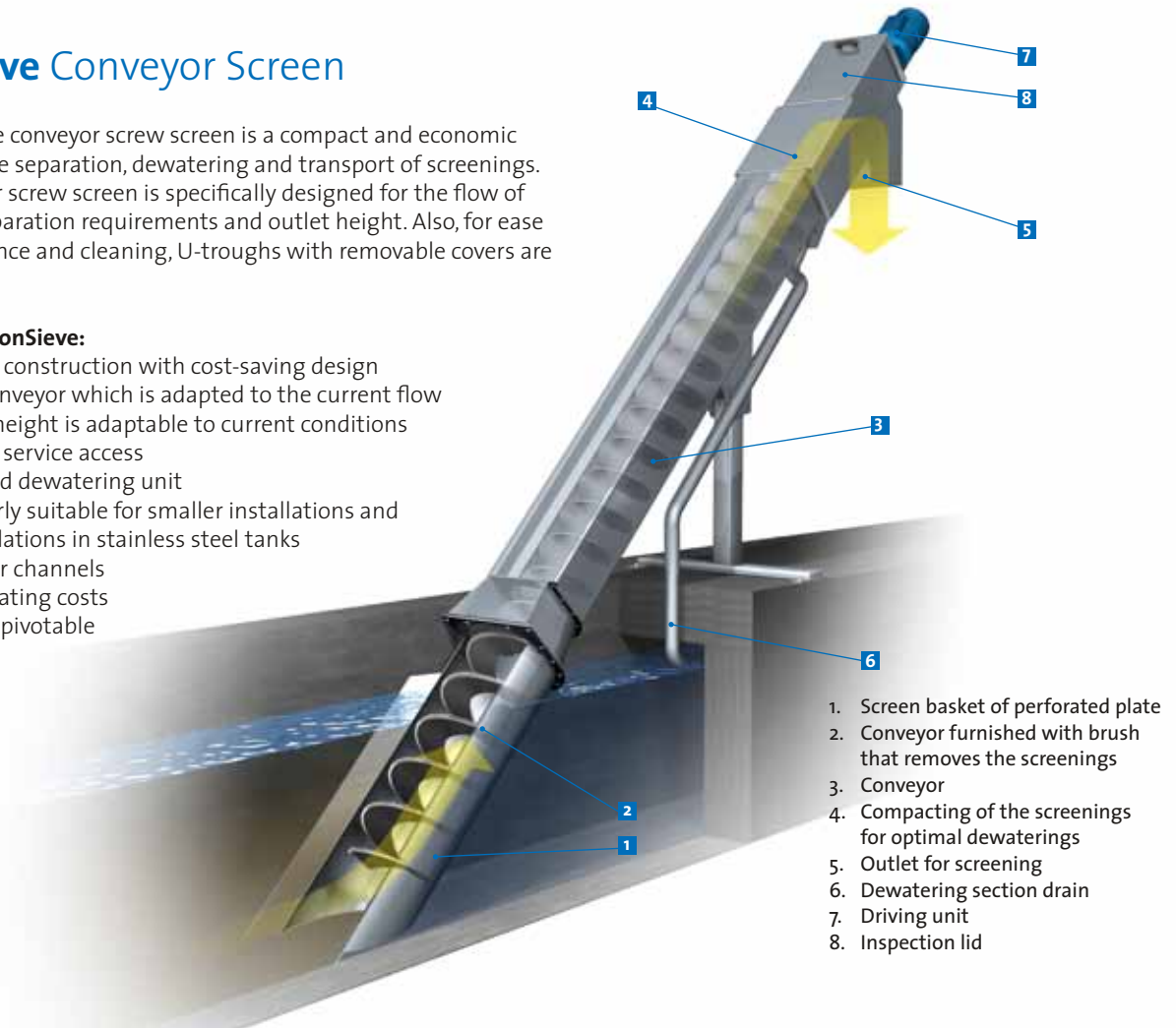


## ConSieve Conveyor Screen

The ConSieve conveyor screw screen is a compact and economic screen for the separation, dewatering and transport of screenings. The conveyor screw screen is specifically designed for the flow of the plant, separation requirements and outlet height. Also, for ease of maintenance and cleaning, U-troughs with removable covers are included.

### Benefits of ConSieve:

- Compact construction with cost-saving design
- Screw Conveyor which is adapted to the current flow
- Loading height is adaptable to current conditions
- Excellent service access
- Integrated dewatering unit
- Particularly suitable for smaller installations and for installations in stainless steel tanks or smaller channels
- Low operating costs
- Screen is pivotable



1. Screen basket of perforated plate
2. Conveyor furnished with brush that removes the screenings
3. Conveyor
4. Compacting of the screenings for optimal dewaterings
5. Outlet for screening
6. Dewatering section drain
7. Driving unit
8. Inspection lid

## ConDrum Drum Screen

ConDrum is a drum screen which with advantage can be used in for example septic trucks where screening and solid particles shall be separated before entering into the car's tank. ConDrum is also an advantageous product to be used in the food industry. The Drum Screen is a pre treatment unit with relatively few loose parts. It consists of a driving unit and a cylinder shaped drum. The screen is supplied with slot widths between 0,25-1,5 mm. The design is made of stainless steel and is completely encapsulated.

### Benefits of ConDrum

- Drum and fluid parts are made of stainless steel
- Efficient self-cleaning during operation
- Easy to install
- Low operating and maintenance cost

In our offices in Mönsterås and Lund you will find the tradition and knowledge. In cooperation with customers and suppliers, we concentrate on design and product development of mechanical products in the waste water area.

The project's nature and extent determines who is our closest partner. In the projects we work with contractors, end users or consultants with whom we have an open dialogue to provide mutual success.

We export more than 80% of what we produce. A strong global network of knowledgeable representatives with local ties is our bridge to the world. Together we try to fulfill our common vision and ideals.

Since 1972 when the company started, the concept has so far given us more than 5,000 references to clients in more than 40 countries worldwide.



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