



## Best Solutions for **WASTE WATER TREATMENT**

Conpura AB is a Swedish company that manufactures products for mechanical treatment of waste water. We have over 40 years of experience in the industry. We mainly export 90% of our products. We rely on our strong global network of competent distributors that have local knowledge in fulfilling our visions and objectives. We have achieved more than 10,000 references and continuously deliver to more than 50 countries all over the world.

Our most favourable products are within dry solids handling, liquid separation, grit separation and sludge sedimentation such as :

- screens in various designs
- sand washers and sand separators
- compact units for pre-treatment
- sludge scrapers for circular and rectangular basins

### ***Transport and Handling Systems***

- Screw Conveyor — ConVey
- Screening Wash Press — ConWashpress
- Screening Press — ConDrain
- Lime/Sludge Mixer — ConMix



### Handling of screenings

**Coarse Screen: ConClimber**— intended for installations in pumping stations and waste water treatment plants.

**Coarse Screen: ConCable** — cable-driven coarse screen designed for installation in deep and wide channels and very suitable for installation where ceiling heights are limited because the screen's total height is low compared to other bars on the market.

**Fine Screens: ConStep** — is a step screen designed to separate particles in wastewater and for installations in sewage treatment plants or pumping stations. The design is made of stainless steel and has a covered enclosure.

**Conveyor Screens: ConSieve** — conveyor screen is a compact and economic screen for the separation, dewatering and transport of screenings.

**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.



### Grit Separation

**ConSep**— this is an effective classifier of the screw type which is manufactured in five standard sizes and is used for automatic removal of sand from sand traps or other sediment particles with relative high sedimentation velocity

**ConWash**— is a compact sand washer carried out by a cyclone with a prewash and ConSep Grit Dewaterer

**ConClar** — ConClar is a travelling scraper for rectangular grit chambers which can be delivered in two performances; 1. Sand Pump Traverser is designed for continuous hoisting of sand with operation in both directions. 2. Sand Scraper is designed to sweep the sand along the bottom of the tank to the sand pit.

**Sand Trap: ConVortex** — a complete circular sand trap with a mammoth pump for removing the sand and have equal or better performance than a conventional sand trap

### Sedimentation, Circular Basins

**ConClar** is a peripheral driven sludge scraper designed for installation in large circular tanks and designed with a rotating scraper bridge.

Conpura's **ConThick** is a centre-driven thickener designed for installation in a sludge or fibre thickener

**ConClar 511** is a centre driven sludge scraper

### Sedimentation, Rectangular Basins

**ConClar 410** is a wire driven sludge scraper with a simple and competitive design. The sludge scraper has few moving parts and high reliability, designed for installation in rectangular sedimentation basins. ConClar wire sludge scraper can be chosen independent of basin size and/or quantities of sludge

**ConClar 447** is a travelling suction sludge scraper which collects the sludge from the bottom of the basin via a siphon

### Compact Units

**ConPact** is a completely sealed plug-and-play unit, with capacities ranging from 10 l/s up to 200 l/s. The ConPact contains removal, washing, dewatering of screenings, sand and grease.