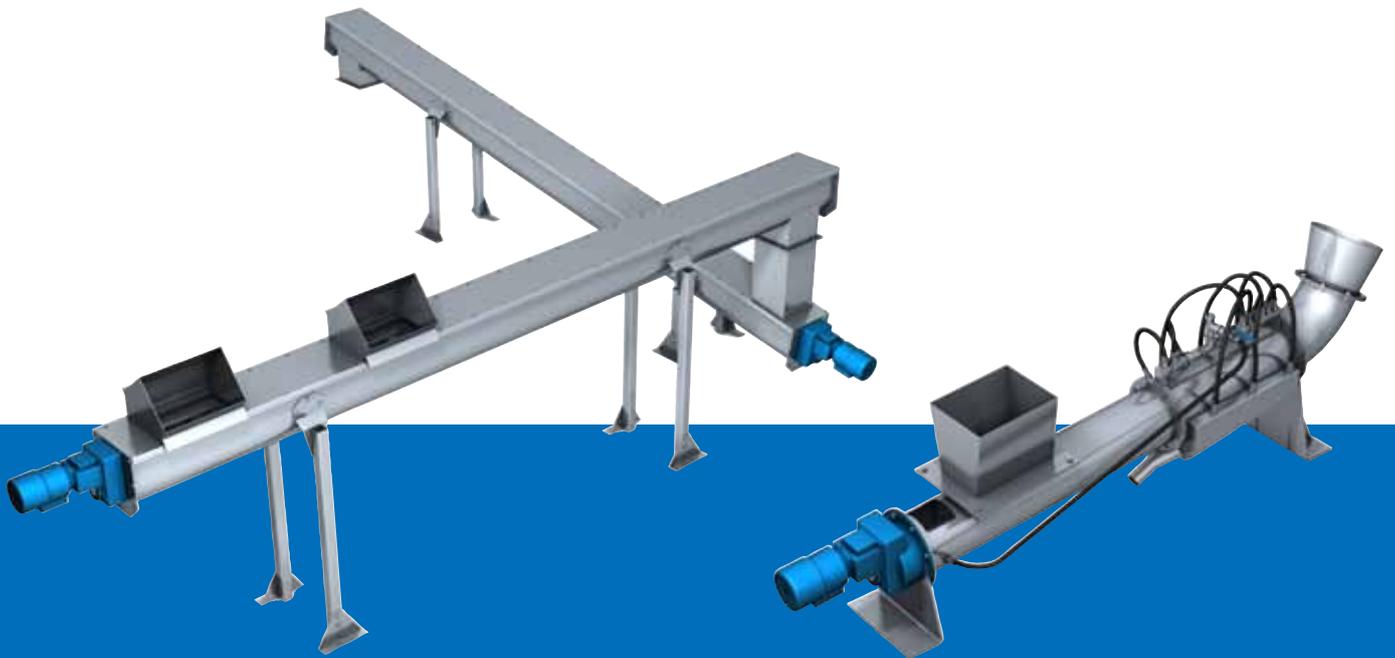




Transport and Handling Systems

Equipment for Handling of Screenings, Grit and Sludge



Convey Screw Conveyor
ConWashpress Wash Press
ConDrain Screening Press
Container Trolley
Lime/Sludge Mixer

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Ever since the company started in 1972, ConPura has designed and produced shaftless conveyors as separate units to large and complex systems. The transport- and handling systems consist of a wide and well documented line of products.

The shaftless conveyors handles in an optimal way complicated material such as screenings, sand and sludge without risk of clogging. Products from ConPura guarantee that the installation will meet current standards for a long time.

ConPura's program for transport- and handling system includes:

- ConVey Screw Conveyor** - optimal transportation system
- ConWashpress Wash Press** - washing screening press and press
- ConDrain Screening Press** - dewatering and compacting of screening
- Container Wagon** - adapted for standard containers
- Lime/Sludge Mixer** - optimal mixing of lime in sludge

ConVey Screw Conveyor

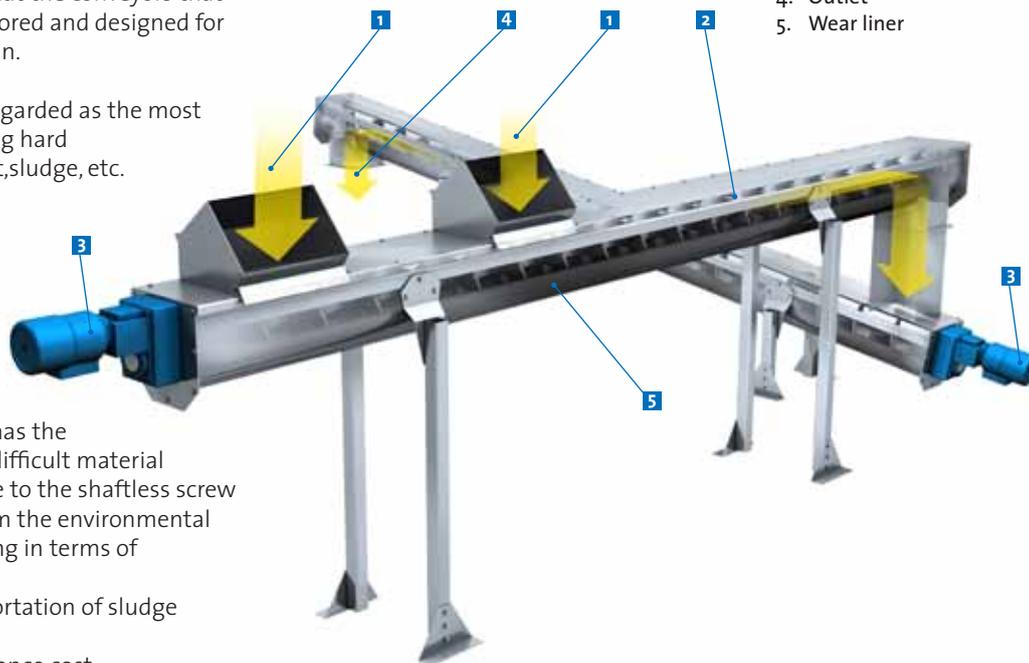
The conveyors are often an additional equipment or one component of the other products in the product program. This means that the conveyors that ConPura delivers always are tailored and designed for the application they shall work in.

Shaftless conveyors are today regarded as the most optimal solution for transporting hard materials such as screening, grit, sludge, etc. The conveyor is a closed unit which also makes it safe and quiet in a clean environment.

Benefits of ConVey:

- The shaftless performance has the best qualifications to carry difficult material
- Minimal risk of clogging due to the shaftless screw
- The closed system gives from the environmental point of view a good handling in terms of odour and safety
- Available for vertical transportation of sludge and screening
- Low operating and maintenance cost

1. Inlet
2. Shaftless screw
3. Driving unit
4. Outlet
5. Wear liner



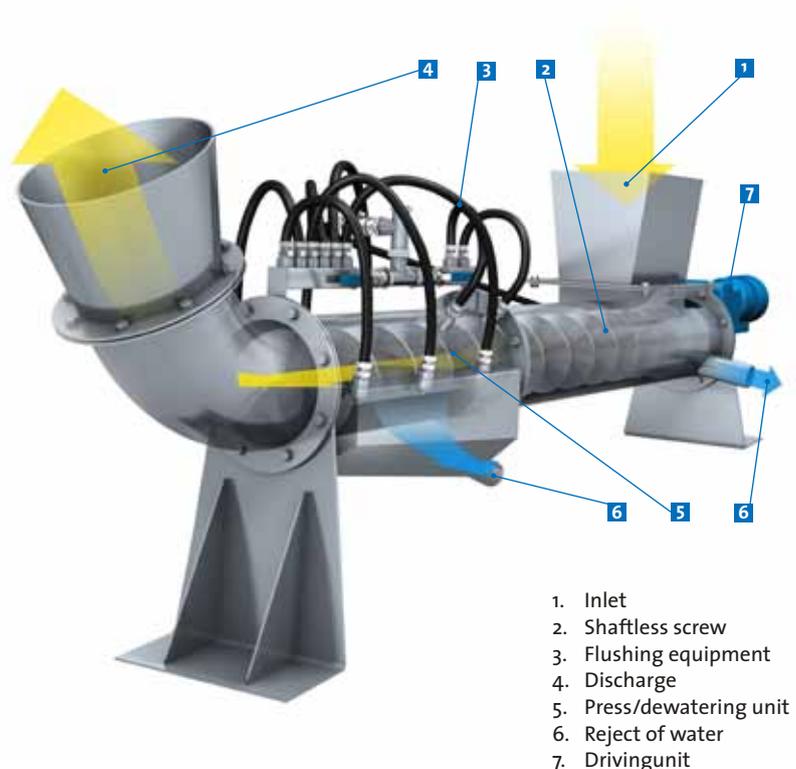
ConWashpress Wash Press

ConWashpress is a combined screening press and wash press which washes and presses screening from for instance a fine screen or a sieve. ConWashpress is manufactured in three standard sizes for various capacity requirements. ConWashpress can be provided with a control system for increased effectiveness of washing and dewatering. The system reduces water consumption and the operating time and thus increases the life time.

ConWashpress is delivered in three sizes and is supplied with the capability of 0.3 to 2.0 m³/h with a TS content of 5-10%. Since the composition of the screening may vary, the expected outgoing TS concentration lies in the range of 25-45%.

Benefits of ConWashpress:

- Simple and efficient design with low investment costs
- Made of stainless steel
- Few moving parts
- Few wear parts
- Easy maintenance with removable press zone for cleaning
- Effective drainage with TS levels up to 45%
- High volume reduction of dewatered screening, about 2-4 times
- Carbon-rich reject water is returned to the cleaning process



1. Inlet
2. Shaftless screw
3. Flushing equipment
4. Discharge
5. Press/dewatering unit
6. Reject of water
7. Driving unit

ConDrain Screening Press

ConDrain is an excellent complement to the screw conveyor ConVey. It dewateres and compresses the screening effectively. Depending on the material, volume can be reduced up to 75%.

Many installations at municipal water and wastewater treatment plants and industry which are in operation confirm its reliability. A screw conveyor with a dewatering unit in combination with ConPura's different types of screens gives optimal handling of the screening.

Benefits of ConDrain:

- Effective dewatering
- Good references and operational experience
- Low handling costs
- Low investment cost

Container Trolley

The Container trolley is designed for standard containers. In our program there are also trolleys for transversed containers and with swivel base for containers.

The design is very robust to withstand the large loads that may occur. The shafts have well-dimensioned ball bearings and the container trolley is provided with lugs in its corners for the steering of the container.

Container trolley comes with or without motor drive. When the container trolley is supplied without a driving unit it can be fitted with a drawbar for connection to a container car.

The container trolley is delivered for running on rails as standard, but can also be delivered for running directly on the concrete floor. In such cases the wheels are made of cast iron with polyurethane tyres, all according to the customer needs.

Lime/Sludge Mixer

The Lime/Sludge mixer is designed for incorporation of lime to normal municipal sewage sludge. Conpura's solution also provides a secure mixing and a homogeneous and stabilized sludge.

Outgoing sludge/lime mixture can for its energy content advantageously be incinerated, used as landfill or used as fertilizer for agriculture.

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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