



HUBER Screw Conveyor Ro8 / Ro8 T

- ▶ HUBER ROTAMAT® Screw Conveyor in a closed tube (Ro8) or in a lidded trough (Ro8 T)
- ▶ Transport of coarse, fine and compacted screenings, sludge, grit, and solids from industrial processes

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Features

The HUBER Screw Conveyors are supplied as closed tube version Ro8 or trough version Ro8 T, depending on the requirements. They are installed for horizontal, inclined and even vertical transport of screenings, dewatered sludge, grit etc. from wastewater treatment plants, or other solids from industrial processes. The entire process of material transport takes place within a closed tube or a lidded trough. Gentle movement in an enclosed pipe prevents odor nuisance and dust development.

The HUBER Screw Conveyors are custom made for the individual product to be conveyed and designed and manufactured with state-of-the-art techniques. Due to their special design principle the conveyors can be equipped with either a push or pull drive and feed hoppers or discharges can be added if required. Direct screenings transfer from one to the other screw conveyor is no problem.

The benefits of HUBER R Screw Conveyors Ro8/Ro8 T at a glance

- ▶ Installation angle up to 90°
- ▶ Completely made of stainless steel
- ▶ The machine is completely made of stainless steel and pickled in an acid bath which eliminates corrosion and thus reduces maintenance.
- ▶ Enclosed system
- ▶ Gentle movement in an enclosed pipe prevents odor nuisance and dust development.
- ▶ Outdoor installation
- ▶ For outdoor installations, the HUBER Screw Conveyor Ro8 / Ro8 T can be supplied with a frost protection, combined with an additional insulation if required.
- ▶ Low maintenance
- ▶ No lubrication. Regular checking and visual inspection are sufficient.



Three screens discharging screenings into a HUBER Screw Conveyor Ro8 T.

HUBER Screw Conveyor Ro8 – closed tube

The HUBER Screw Conveyor Ro8 with guide bars can be installed at an angle of up to 90° depending on the individual product to be conveyed. As an option, depending on the individual installation situation, several units can discharge into one screw conveyor as the screw shaft is supported on both ends. The motor and screw design are adaptable to specific customer requirements. Screw lengths up to 15 m for a throughput of 1 – 12 m³/h are no problem.

HUBER Screw Conveyor Ro8 – trough version

The Screw Conveyor Ro8 T with its sturdy design and corrosion-free stainless steel components has plastic bearing shells that are fixed inside the trough. The equal distribution of the screw force over a defined cross-section minimizes bearing shell wear and reduces maintenance costs. The modular design permits easy disassembly. Screw lengths up to 30 m for throughputs from 1 m³/h to 12 m³/h are available with a screw installation angle of 45°.



Vertical installation of a screw conveyor discharging screenings into a HUBER Wash Press.



Graphic of a HUBER Screw Conveyor Ro8 T.



HUBER Screw Conveyor Ro8 T after a sludge dewatering system.



HUBER Screw Conveyor Ro8 discharging screenings.



Complicated solutions with different discharge situations are no problem.



Screw conveyor manufacture in the HUBER factory.



Two screens installed in parallel discharging into one screw conveyor.



HUBER Screw Conveyor Ro8 T discharging screenings into a HUBER Wash Press WAP® SL.

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