

HUBER ROTAMAT® Screw Conveyor Ro 8 / Ro 8t



HUBER ROTAMAT® Screw Conveyor
in a closed tube (Ro 8) or in a lidded trough (Ro 8t)

- Transport of coarse, fine and compacted screenings, sludge, grit, and solids from industrial processes

►► Features

The HUBER ROTAMAT® Screw Conveyors are supplied as closed tube version Ro 8 or trough version Ro 8t, 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 ROTAMAT® 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 ROTAMAT® Screw Conveyors Ro8 / Ro 8t 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 ROTAMAT® Screw Conveyor Ro 8 / Ro 8t 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 ROTAMAT® Screw Conveyor Ro 8t

➤➤ HUBER ROTAMAT® Screw Conveyor Ro 8 – closed tube

The ROTAMAT® Screw Conveyor Ro 8 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 ROTAMAT® Screw Conveyor Ro 8 – trough version

The ROTAMAT® Screw Conveyor Ro 8t 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 ROTAMAT® Screw Conveyor Ro 8t



HUBER ROTAMAT® Screw Conveyor Ro 8t after a sludge dewatering system



HUBER ROTAMAT® Screw Conveyor Ro 8t 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 ROTAMAT® Screw Conveyor Ro 8t discharging screenings into a HUBER Wash Press WAP/SL

HUBER SE

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