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Suszarnia słoneczna HUBER SRT



- Sewage sludge drying with solar energy
- Unique combination of sludge turning and transport
- Continuous drying process
- Even distribution of the sludge feed
- Odourless due to complete restacking of the sludge

The basic principle of the HUBER SRT system is drying of sewage sludge in a glasshouse using the incident solar radiation. A special sludge turning system performs both spreading and turning of the sludge as well as its transport from one side to the other.

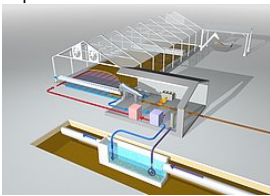
The sludge feeding options can be adjusted to suit customer-specific requirements. The dewatered sludge can be fed into the greenhouse either manually, i.e. with a wheel loader, or fully automatically by a distribution screw that utilizes the evaporation area optimally.

The dried sludge is discharged either into a trough, or by means of a belt conveyor directly into a container. Since the sludge is fed continuously, also units with a low throughput can be used for sludge dewatering.

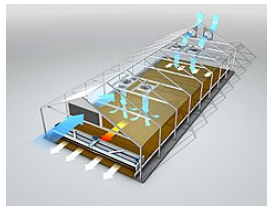
Do pobrania

[📄 Brochure: HUBER Solar Active Dryer SRT \[pdf, 521 KB\]](#)

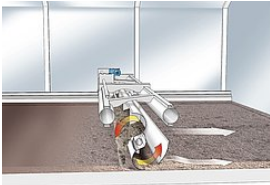
Rysunek schematyczny



Systems concept: Sludge drying with solar and renewable energy



General view of the system



The rotating shovel of the turning device takes up the sludge and transports it along the granulation plate.



As the turning device travels forward, the sludge is being transported.

Przykłady wdrożeń

- More than 15,000 tons of sewage sludge per year: HUBER installs solar sewage sludge drying technology on Pachacútec WWTP (Peru)
- HUBER SE receives order for world's largest solar sludge drying plant
- Solar HUBER dryer stops rising costs for sludge disposal
- From thin sludge to dry granulate – all from one source
- New safety system for the HUBER Sludge Turner SOLSTICE®
- Research and development in the field of solar sludge drying
- Largest solar sewage sludge drying site in Southern Germany fully equipped by HUBER
- HUBER Solar Sludge Dryer SRT – unique in variability of sludge feeding and removal
- HUBER Solar Active Dryers offer sustainable technology for maximum drying performance
- Cold weather cannot stop the HUBER Solar Dryer SRT
- Solar dryers are in demand worldwide even for big and medium-sized wastewater treatment plants
- Solar sewage sludge drying – a reasonable solution if based on intelligent and sustainable design
- Trust is good, control is better: HUBER Sludge Turner SOLSTICE® trial dryer in the field

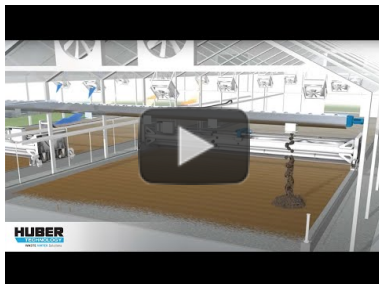
Media





Animation: HUBER Sludge Turner SOLSTICE® for large quantities of sludge

<https://www.youtube.com/watch?v=T-FUbjSzMZE>



Animation: HUBER Sludge Turner SOLSTICE®

<https://www.youtube.com/watch?v=gOkKQhmA4uM>



Video: HUBER Sludge Turner SOLSTICE®

<https://www.youtube.com/watch?v=QdWhhrCOKug>



Video: Solar Active Dryer SRT at STP Gunstett

<https://www.youtube.com/watch?v=JqflpsD16VM>



Video: Solar Active Dryer SRT at STP Marktberg

<https://www.youtube.com/watch?v=ZajIn8OGxpk>

Inne produkty z tej grupy Suszenie

- [Suszarnia średniotemperaturowa HUBER BT](#)

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