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Efficient Sludge Treatment at Small Plants



The first RoS2S plant in Volkswagen Bratislava, Slovakia, 2001



Reference plant RoS 3Q 280 presented at WWTP Bucovice

While sludge treatment equipment is already installed at larger plants in the Czech Republic and Slovakia, many small treatment plants that are designed for a total population of around 10,000 or less are still awaiting state-of-the-art sludge treatment. The situation is now gradually improving in the Czech Republic.

Disc thickeners RoS2S and small screw presses RoS3Q are perfectly fitting for small treatment plants. These machines have the advantages that they far reduce sludge mass and volume while their energy consumption is low (in particular in comparison with centrifuges), their maintenance is easy and inexpensive, and their operation is fully automated. These advantages are especially important for small treatment plants.

Six RoS2S disc thickeners are presently in operation in the Czech Republic. During the first six months of 2008 another two RoS2S thickeners and two RoS3Q screw presses will be installed. Because all operators, without exception, are very happy with our equipment, they are often used as a basis of design for new sludge treatment projects. We can expect to receive orders for many more units in the future.

Good reference installations at several sites have also contributed to our success. And we organized several on-site demonstrations with mobile machines, e.g. a RoS 3Q demonstration at a wastewater treatment plant near Brno during the VOD-KA exhibition of environmental technology. Some of our customers also visited the HUBER factory in Berching – and were very impressed by our high manufacturing quality.



The RoS2S plant on WWTP Blansko designed in cooperation with main contractors KPRIA



The first RoS 3Q 440 unit supplied to Czechia waiting to be installed



KPRIA representatives came to Berching in 2005 to see for themselves the high technical level of HUBER products.



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RoS 3Q: high dewatering efficiency combined with low energy consumption



The latest RoS2S plant installed on WWTP Kolovraty, Prague in 2007

Related Products:

- [HUBER Disc Thickener S-DISC](#)
- [HUBER Screw Press Q-PRESS®](#)

Related Solutions:

- [HUBER Solutions for Sludge Thickening](#)
- [HUBER Solutions for Sludge Dewatering](#)

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