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## HUBER TrashMax® Screen tests on a WWTP of AZV Südholstein

Presented as an attraction in May at IFAT 2012, now in operation on WWTP Hetlingen: The HUBER TrashMax® screen is an entirely new solution for the removal of coarse material.



*The 3.5 t colossus was transported with a special crane.*

The new coarse screen will be tested in practice for some months on WWTP Hetlingen. The special features of the about 2 m broad and 5 m high screen are its robust design and moveable back cleaned screen rack which takes out even the most bulky debris. The HUBER TrashMax® Screen is designed to be used in pumping stations, as first treatment stage of wastewater treatment plants or industrial plants, and in the inlet to power plants. Primary target markets are developing and emerging countries which frequently have open sewers where any kind of debris is disposed to including even car tyres, bicycles and big pieces of timber. Even if these sewers transport the wastewater to a sewage treatment plant, all the trash arriving with the water flow will lead to big problems there. The new TrashMax® screen has been designed to solve such problems.

We are very happy that AZV Südholstein were prepared to let us install a new TrashMax® screen on WWTP Hetlingen to test it in practice. We would like to use this opportunity to thank them for their cooperation which began in 2009 already when they bought HUBER equipment for their mechanical pre-treatment stage. The three-line system of inlet screens consisted of a coarse screen (40 mm bar spacing) and downstream fine screen (20 mm bar spacing) for each channel.

After the operators had spoken with us, they decided in 2008 to test the efficiency of a HUBER RakeMax® screen with 10 mm bar spacing in one of the channels. As the results of the test phase were very positive, the customer kept the screen and ordered the same type of screen also for the two other channels. The new screens do not need an additional upstream coarse screening. There was enough space then in the inlet channel in the screen building to install an about 3.5 ton new power screen for practical tests. Besides, the wastewater volumes on WWTP Hetlingen are big enough to objectively assess screen performance.



*Reliable removal of even bulky coarse material by the TrashMax® screen*

Different types of trash and especially big pieces will be thrown into the channel during the tests, such as wood pallets, car tyres, big pieces of wood, etc., to test that even these are reliably removed from the wastewater flow. 'Fortunately, no-one here throws car tyres or similar things into a sewer. I saw a bicycle tyre once but that was an absolute exception. Besides, the disposal of such material to sewer system is illegal anyway here', says Lutz Altenwerth, managing director of AZV Südholstein. 'But in this case it is for a good purpose. Finally, if things work out well, the new screen will perhaps help to protect the environment somewhere else in the world.'

**Related Products:**

- [HUBER Coarse Screen TrashMax®](#)

**Related Solutions:**

- [HUBER Solutions for Mechanical Pre-Treatment](#)

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