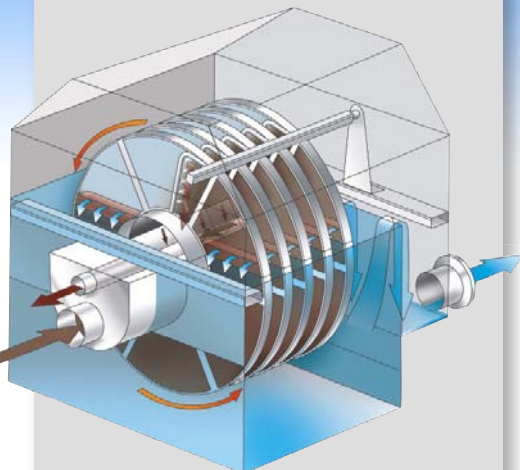


May 2012

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*Rainer Koehler with our New  
MD Steve Morris (right)*

## New MD for Huber Technology UK

Huber Technology are very pleased to announce the appointment of our new **MD, Steve Morris** who started with the company on 2nd April. Adrian Gouldstone decided to retire from this prominent role but will be continuing to support the company.

Steve is bringing to the company a wealth of experience gained over 25 years of working for various companies in the Water Business. These include PCI Membranes (part of Thames Water at the time) and later ITT Industries where he was responsible for UK sales of all the AWT products. For the last 5 years, Steve has worked in the organics recycling industry as General Manager for a small technology company supplying composting systems and solutions to Local Authorities, Waste Management Companies and private Biowaste Recyclers as well as working with water companies who are looking at composting and anaerobic digestion of some of their waste streams.

Steve describes himself as results driven, customer focused, highly motivated team leader and will be hoping to meet some of our customers in the near future.



The Newsletter of  
Huber Technology UK

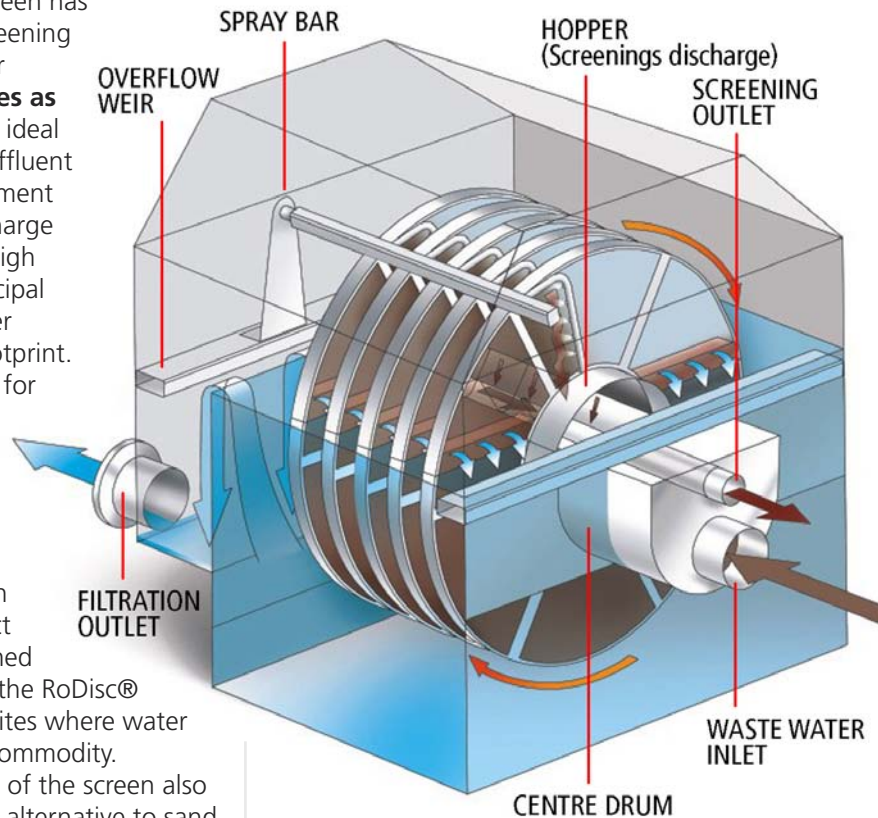
[www.huber.co.uk](http://www.huber.co.uk)

# HUBER DISC FILTER- RoDISC®

...fine screening of a wide range of wastewater flows...

The HUBER RoDisc® Micro Screen has been designed for the fine screening of a wide range of wastewater flows and **mesh aperture sizes as small as 10 µm**. The screen is ideal for applications such as final effluent polishing on wastewater treatment works, where a stringent discharge consent must be met from a high flow rate. The drum filter principal employed provides a large filter surface area within a small footprint. The modular design can allow for the easy retro-fitting of additional filter discs in order to meet ever increasing throughput requirements.

The screened water may be recycled for subsequent use on site. This, coupled with the fact that the device uses the screened effluent to clean itself, makes the RoDisc® a viable solution for problem sites where water would otherwise be a scarce commodity. The simple, mechanical nature of the screen also makes the device an attractive alternative to sand filters for tertiary treatment – making troublesome sand plugging and the potential, resultant mess to clean-up a thing of the past. Phosphorus removal may be easily incorporated upstream of the machine, if required.



...attractive alternative to sand filters...



# The Huber RoDisc® Micro Screen



The screen consists of horizontally arranged, rotating filter “discs” installed on a central shaft. Each filter disc consists of individual stainless steel segments covered with square mesh. The wastewater to be treated flows through the segments from inside to out and the filtrate is discharged at the inlet end of the screen. The filter discs initially remain in rest position during the filtration process.

As the internal water level backs-up and rises as a result of solids settling on and gradually blinding the mesh surface of the discs, an increasing pressure differential occurs. When the predefined differential has been reached, the filter discs rotate and a high-pressure, stationary spray bar clears the accumulated particles off the mesh surface and back into the segment. The removed solids fall into a trough situated below the segment openings for subsequent discharge. The fully-automatic filtration process continues whilst the filter discs are being cleaned.

In addition to municipal wastewater treatment FE polishing, the RoDisc® is also suitable for; the removal of fine suspended material upstream of advanced treatment processes (such as UV disinfection or membrane plants), the treatment of production wastewater from industrial processes and material recovery.

For municipal applications with preliminary screening and biological treatment, a throughput capacity of over 900 m<sup>3</sup>/h may be achieved with a 20 filter disc unit (subject to the incoming solids load and effluent quality requirements). The RoDisc® unit can be supplied with variable numbers of disc segments in pairs from 2 to a maximum of 30 in a single unit. The size of mesh aperture relative to the number of filter discs is selected so as to balance the specific flow, solids load and required effluent quality of the application.

## Investors In People Gold Award

Huber Technology is very proud to have been awarded the Investors in People Gold Award.

The assessor was particularly impressed with the responses of the participants which demonstrate that the core values are “at the heart of the way we operate and in a way we are expected to work, both within the company and with customers.”



INVESTORS IN PEOPLE

## Carbon Footprint

Increasingly carbon data collection and foot printing is starting to gain momentum in industry generally and now we all have to be far more conscious of our impact on the climate.

At Huber, we have fitted trackers to our vans so that instead of just recording distance and speed, they will also record acceleration and deceleration. From this we can see how much actual fuel was used on any one journey and so see what the carbon input is to the atmosphere. The same journey in the same vehicle could have quite a different footprint purely due to how it's driven!

We will also be looking at the carbon cost of service and installation work as more and more water companies will be insisting on this information.



# Do you have the right sludge screen for your application?

Huber Technology has a large and diverse product range which incorporates sludge screens that are suitable for different applications. With Huber Technology's vast experience in the wastewater treatment industry, they are aware of how important it is to install the correct screen for the specific application.

Based on this experience Huber Technology's Sludge Acceptance Plant, the Ro3, is the perfect unit for tankered sludge coarse screening. The unit is available with a large number of different screen basket diameters, bar spacings and conveyor capacities available to suit the ever increasing sludge dry solids concentration and solids loading requirements provided. The range can cover throughput with a capacity of up to 320m<sup>3</sup>/hr (dependant on dry solids content) and solids removal rates in one unit of up to 6m<sup>3</sup>/hr in a single unit. The Ro3 Sludge Acceptance Plant is manufactured from stainless steel which minimises corrosion and ensures the unit is very robust thus ensuring the best whole life cost equipment on the market today. Huber Technology has over 450 reference sites for the Ro3 Sludge Acceptance Plant in the UK alone and thousands worldwide.

Sludge screening applications also require finer screening than that undertaken by the Ro3 Sludge Acceptance Plant and to compliment the Ro3 Sludge Acceptance Plant Huber Technology have their Strainpress®, SP4, unit. The unit is of a pressurised in line screen type and will provide sludge screens from 1mm up to 10mm in 2 dimensions.

Both the Huber Technology Sludge Screens incorporate screening, screenings washing (Ro3 Sludge Acceptance Plant Only) and dewatering in one packaged unit using a single low power requirement drive. As both units are of an enclosed / containerised design any odour is contained within the unit itself. Due to the screens simple operation and low rotational speed they have minimal vibration, and low noise levels and as such failure through fatigue is eliminated. With their single drive, low power design undertaking the complete screening including the dewatering and compacting of the screenings means that less power is needed to operate the units and subsequently lower whole life costs will apply.

With the experience gained over the past 25 plus years Huber feels that with the range of sludge screens available they have the ability to match the sludge screen to the application enabling a more flexible and innovative approach can be provided to meet your requirements.

If you would like more information on any of the Sludge Screens that Huber Technology has to offer, then please contact [hr@huber.co.uk](mailto:hr@huber.co.uk) or call **01249 765049**.

...throughput  
capacity of up to  
320m<sup>3</sup>/hr...

...reference sites for  
the Ro3,

