HUBER TECHNOLOGY
WASTE WATER Solutions

HUBER Technology are pleased to have worked with:

- Premier Foods
- Ambrosia
- Dairy Crest
- Heinekin
- Guinness
- Diageo
- Nestlé
- Dawn Meats
- Baxters
- Forresters
- G's

www.huber.co.uk

HUBER TECHNOLOGY
WASTE WATER Solutions

Complete solutions for every stage of treatment

HUBER TECHNOLOGY
WASTE WATER Solutions

Solutions for the Food & Drink Industry

HUBER TECHNOLOGY was incorporated in the UK in 1993 (Registered name Rotamat Ltd.) as a wholly owned subsidiary of HUBER SE, the manufacturers of the ROTAMAT® range of waste water treatment equipment.

Our mission is to protect the environment with sustainable waste water solutions.

HUBER TECHNOLOGY's UK headquarters is based in Chippenham, Wiltshire and our regional centres in Rotherham, Perth and Portadown, provide dedicated installation and a full after sales service programme to customers in these areas.

HUBER equipment is designed and manufactured in Germany where we have state of the art manufacturing facilities and incorporate the very latest production techniques. Machines are customised to meet individual customers' requirements at our facility in Chippenham.

We design and build bespoke control panels to ensure efficient and cost effective operation of our equipment.

We also offer an extensive range of plant for hire and trials to meet customers' short term needs and help with on site development work.

HUBER TECHNOLOGY offer a wide range of products for waste water treatment:

HUBER Solutions for Wastewater Treatment

- Screening
- Wastewater Treatment
- Sludge Thickening
- Sludge Dewatering

HUBER TECHNOLOGY – Solutions for Wastewater Treatment

Screening

Provides initial removal of debris/solids washed into the factory drains and prevents these from accumulating in tanks and pipelines. Additionally, downstream treatment equipment and pumps are protected. HUBER screens can be provided with screenings washing systems and bagging units, to reduce odour and volume of screenings produced. Captures waste meats, bones, hair nets, gloves, packing, berries etc.

Solution

- HUBER Ro9 - coarse and fine screening options
- HUBER RoK4 - pumping station screen
- HUBER RPPS - fine screen for larger flows

Dawn Foods Ro9
Screen after 10 years continuous operation

RoK4 installation discharging screenings directly into bin, with integrated bagging unit.

Benefits

- High solids removal
- Low energy consumption
- 800+ UK reference sites
- Automated operation
- Single drive provides cleaning of screen, conveying and compaction of screenings.

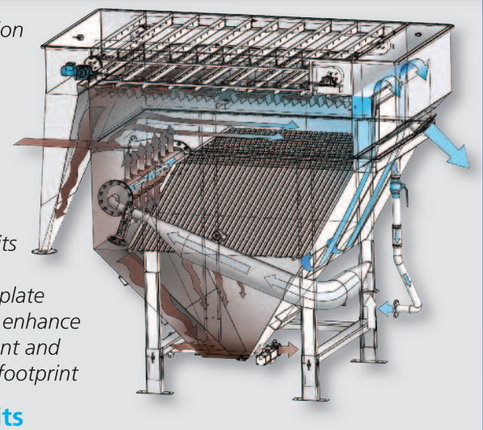
Wastewater Treatment

Provides removal of Fats, TSS and associated COD/BOD in order to maintain compliance and reduce Mogden charges. Significant operational cost savings are possible, with short payback periods. It can be cheaper to install a system than not. HUBER equipment is compatible with all water industry standard chemicals, which can be used to further enhance treatment and enable water re-use on site.

Solution

- HUBER Dissolved Air Flotation (DAF)
  - efficient wastewater treatment
- Pipe Flocculator
  - for controlled chemical addition and mixing
- HUBER Microscreen (RoDisc®)
  - captures very fine solids

DAF installation



HUBER DAF units utilise a lamella plate pack to enhance treatment and reduce footprint

Benefits

- Low footprint
- Efficient removal of FOG, COD and TSS
- Proven design
- Stainless steel construction

Sludge Thickening

An alternative to completely dewatering, allows thickened sludge to be removed in tankers, but with up to 6x volume reduction.

Solution

- HUBER S-Disc - gentle thickening of smaller volumes
- HUBER S-Drum - larger throughputs

S-Disc installation
Compact, enclosed sludge thickening

Multiple units installed in parallel for larger flows

Benefits

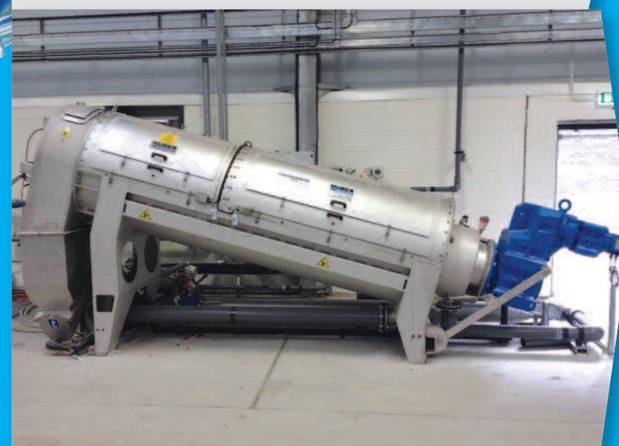
- Enclosed design minimises odours
- Thickened sludge is still pumpable
- High throughput for footprint
- Low polymer and power requirements
- Slow rotation speeds, reduced wear parts
- Reduced transport costs

Sludge Dewatering

A range of unit sizes are available for variable sludge thicknesses and throughputs.

Solution

- HUBER Screw Press Q-Press®



HUBER Screw Press Q-Press at Diageo, Glendullan

Dewatered cake

Benefits

- Significantly cheaper operation than centrifuges
- Low polymer and power requirements
- Slow rotation speeds, reduced wear parts
- Efficient and reliable operation
- Reduced transport costs
- 50+ UK reference sites
- Minimum operator attendance

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