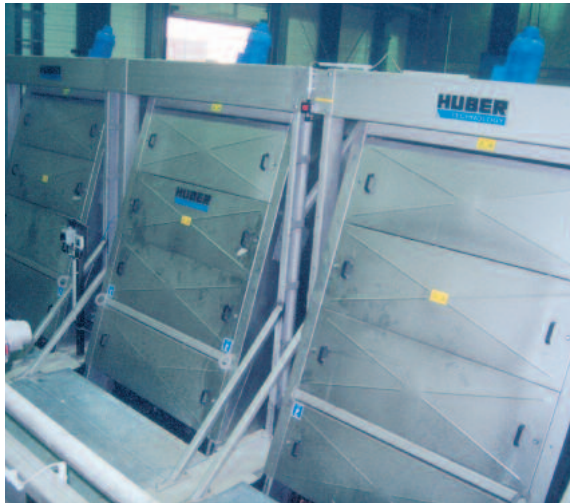


# Huber Technology – Superior craftsmanship since 1872



## ➤➤ Deep Channel Screens



Step Screen® Vertical SSV

### Step Screen® SSL, SSF and SSV

- Inclination 70° to 75° (SSV), 40° to 53° (SSF), 45° (SSL)
- Discharge height up to 22'
- Channel width up to 6.5'
- $\frac{1}{8}$ " or  $\frac{1}{4}$ " bar spacing
- Lowest head loss of all fine screens
- Self-cleansing (no spray bars, no brushes)
- Completely enclosed
- Hundreds of installations



Perforated Plate Screen EscaMax®

### Perforated Plate Screen EscaMax®

- $\frac{1}{8}$ " or  $\frac{1}{4}$ " perforations
- Channel width up to 7'-2"
- Discharge height up to 18'
- Excellent screenings capture rate
- Completely enclosed



Multi-Rake Bar Screen RakeMax®

### Traveling Multi-Rake Bar Screen RakeMax®

- $\frac{3}{16}$ " to 6" bar spacing
- Channel width up to 13'
- Discharge height up to 66'
- Low head loss
- Removes large loads of screenings
- Low height above operating floor

Also available: **ClimbMax®** (Coarse bar screen with no submersed moving parts and suitable for very high flows).



## ➤➤ ROTAMAT® Screens



*Fine Screen Ro 1*

### **Fine Screen Ro 1**

- Screening, washing, conveying, dewatering, and bagging with a single unit
- A workhorse, suitable even for sludge and grease
- Positive cleaning with rotating rake arm
- Channel or tank mounted
- 1/4" or 3/8" bar spacing
- 2' to 10' diameter basket
- Thousands of installations



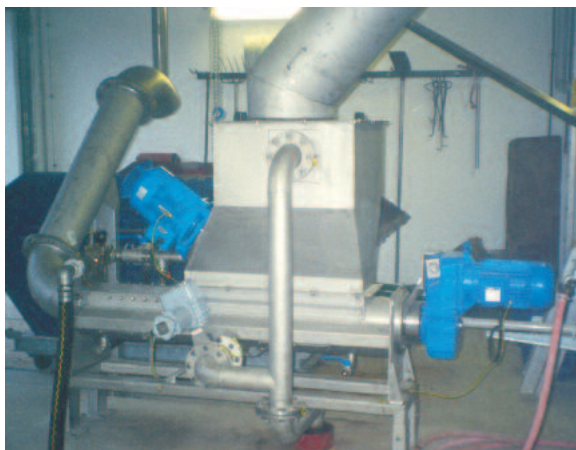
*Wedge Section Screen Ro 2*

### **Wedge Section Screen Ro 2, RPPS, Membrane Screen RoMem®**

- Screening, washing, conveying, dewatering, and bagging with a single unit
- Rotating basket with spray bar and brush
- 0.01" to 1/4" wedge section (Ro 2), 1/12", 1/8" or 1/4" perforations (RPPS), .02" to 0.04" square mesh (RoMem)
- 2' to 10' diameter basket
- Excellent screenings capture rate
- Thousands of installations, the most popular fine screen worldwide

Other ROTAMAT® screens: **Micro Strainer Ro 9** (suitable for small to medium flows, and the XL version for deep channels); **Rotary Drum Screen RoMesh** for very fine piped screening.

## ➤➤ Screenings Treatment



*Super-Launder Washpress WAP/SL*

### **Wash-Press WAP, Wash-Press Super-Launder WAP/SL**

- Screenings capacity up to 420 ft³/h
- Volume and weight reduction by up to 85%
- Solids concentration of up to 50%
- Returns fecal matter to wastewater flow
- Fully enclosed – no odor nuisance
- WAP/SL features additional impeller for increased performance
- Hundreds of installations



*Vacuum Conveyor HPVa 1000*

#### **Vacuum Conveyor HPVa 1000**

- Screenings are pulled through pipes
- Vertical lift of up to 30'
- Horizontal distance of up to 100'
- Capacity of up to 140 ft³ per hour
- Enclosed system: prevents odor nuisance and hazards

Other machines for screenings treatment: **Wash-Press High Pressure WAP/HP** for up to 55% DS; the hydraulically operated **Ram Press** and the **Screenings Compactor Ro 7**.

## ➤➤ Complete Plants



*COANDA Complete Plant Ro 5C*

#### **COANDA Complete Plant Ro 5C**

- Complete headworks in a single compact, enclosed plant
- Low-cost separation of screenings and grit
- Up to 0.6 MGD
- Minimum footprint
- Optional frost-protection for outdoor installation
- Easy installation/retrofit
- Over one hundred installations



*Complete Plant Ro 5*

#### **Complete Plant Ro 5**

- Complete headworks:  
Screening, washing, conveying, dewatering, bagging, grit separation, classifying, optional grit washing, and optional grease separation
- Up to 8 MGD
- Easy and reliable operation
- Optional frost-protection for outdoor installation
- Easy installation/retrofit
- Hundreds of installations

Also available: **MiniCop**, a small compact plant for screening and grit separation of up to 80 gpm; **Ro 5 Bio** for processing of organic solid waste.



## ➤➤ Grit Treatment



*Grit Washer RoSF 4*

### **COANDA Grit Washer RoSF 4**

- Over 95 % capture of 75 mesh particles
- Product with < 5% organics and < 10% water
- Up to 500 gpm
- Superior separation of organics from grit in fluidized grit bed
- Greatly reduces odor and disposal cost
- Washed grit can be reused in construction industry (e.g. for road bedding)
- Hundreds of installations

Other machines available: **Grit Classifier RoSF 3** (up to 400 gpm) and the **RoSF 4t**, a washer for classified grit.

## ➤➤ Storm and Sewer Screens



*Vertical Screen RoK 4*

### **Vertical Screen for Confined Spaces RoK 4**

- Easy installation in pump stations and manholes
- Removes debris, protects pumps and sewers
- Automatic screening, vertical lifting, dewatering, compaction, and (optional) bagging
- Up to 4 MGD
- 1/12", 1/8" or 1/4" perforations
- Easy to retrofit
- Low maintenance and easy operation
- Hundreds of installations

Other storm screen available: **Storm Screen RoK 1** for up to 160 MGD.

## ➤➤ Sludge Treatment



*Septage Receiving Station Ro 3*

### **Septage Receiving Station / Sludge Screen Ro 3**

- Screening of virtually any type of sludge
- Includes rugged Fine Screen Ro 1
- Up to 1,000 gpm
- Continuous, reliable, automatic operation
- Optional customer identification, metering, and sampling system
- Hundreds of installations



*Screw Press RoS 3*

#### **Screw Thickener RoS 2 and Screw Press RoS 3**

- Automatic, reliable, continuous operation
- Minimum operator attendance
- Low maintenance and wear and tear
- Minimum life cycle costs
- Excellent thickening/dewatering efficiency
- Fully enclosed, no odor nuisance
- Hundreds of installations



*KULT® Medium-Temperature Belt Dryer BTplus*

#### **Medium Temperature Dryer KULT BT<sup>plus</sup>**

- Class A bio solids
- Convection drying, therefore only minimal dust
- Suitable for any type of fossil energy
- Modular, expandable design
- Dozens of installations worldwide

Other sludge machine: **Disc Thickener RoS 2S** for up to 160 gpm

## ➤➤ Industrial Wastewater Treatment



*Dissolved Air Flotation HDF*

#### **Huber Dissolved Air Flotation HDF**

- High separation efficiency
- Reliable operation
- Small footprint, compact design
- State-of-the-art saturation system
- Low operating costs

Huber Technology provides complete solutions for a variety of industries, e.g. food processing, breweries, chemical industry, construction, plastics, leather, metal, paper, textiles, etc.



## ➤➤ Membrane Technology



Membrane ClearBox®

### **Membrane ClearBox® for septic tanks and for small plants**

- Decentralized applications
- From 400 gpd to 7,000 gpd
- Easy retrofit into existing tanks
- Ultrafiltration, 0.038 microns pore size
- Complete, compact systems including all ancillary equipment



Rotating MBR-Membranes VRM®

### **Vacuum Rotation Membrane VRM® for Membrane Bio Reactors (MBRs)**

- California Title 22 approved
- Reduced energy demand due to low air consumption
- Modules rotate around central shaft
- Ultrafiltration, 0.038 microns pore size, excellent effluent quality
- 1/8" prescreening is sufficient
- High-intensity scouring of only a segment of the rotating membranes at a time
- No need for back-washing or regular chemical cleaning
- Small footprint
- Easy replacement of individual modules

## ➤➤ Tertiary Filtration



Rotary Mesh Screen RoDisc®

### **Rotary Mesh Screen RoDisc®**

- Excellent solids capture rate
- Available from 10 to 100 microns
- Gravity fed
- Simple inside / outside filtration
- Continuous filtration
- Low head loss

## ► Huber Technology – The Quality Company – Worldwide

Huber Technology, founded in 1872, has grown from a regional manufacturer, into a global supplier for the wastewater industry. A privately owned company, Huber is located in picturesque Berching, Germany, a little over an hour's drive north of Munich International Airport.

Since its inception, Huber Technology has always emphasized quality – from design and manufacturing to the servicing of its complete line of products featuring passivated, stainless steel exclusive systems.

## ► Huber Technology – U.S. Headquarters

Located just outside Charlotte, N.C., Huber Technology provides engineering, manufacturing, a factory trained service team, spare parts, and project management to take your project from conception to operation. With a dedicated staff of qualified personnel, Huber U.S.A. is ready to give your project the response and support you seek when planning and implementing your next system.



*Fully submersed passivation of every machine in acid bath for comprehensive protection of stainless steel*



*State-of-the-art, 300,000 ft<sup>2</sup> + manufacturing facility in Berching, Germany*

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Technology