Huber Technology –
Superior craftsmanship since 1872

ISO 9001

The Quality Company – Worldwide
Deep Channel Screens

**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’
- 1/8” or 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®**
- 1/8” or 1/4” perforations
- Channel width up to 7’-2”
- Discharge height up to 18’
- Excellent screenings capture rate
- Completely enclosed

**Traveling Multi-Rake Bar Screen RakeMax®**
- 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
➤ 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, 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

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
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**

**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

**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 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

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 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 / 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 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

Medium Temperature Dryer KULT BTplus

- 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

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® 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

**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
- \( \frac{1}{8} \)" 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®**
- 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.

State-of-the-art, 300,000 ft² + manufacturing facility in Berching, Germany