

ACO. we care for water



ACO Solutions for

Industrial and Logistic Areas



# ACO. we care for water

ACO is a Water-Tech company dedicated to water protection. Building on our long and global experience in drainage systems designed to protect people from water, we increasingly see our mission also as protecting water from people.

With the ACO WaterCycle, ACO provides systems that collect and channel, clean, retain and ultimately reuse water. In this way, ACO contributes to the preservation of clean groundwater as a vital resource and makes a contribution to tomorrow's world. In its Agenda 2030, the UN global community set the improvement of water quality as one of 17 sustainable development goals.

ACO drainage systems increasingly use smart technologies to ensure that rainwater and wastewater are drained or temporarily stored. With our innovative separation and filtration technologies, we prevent water contamination from pollutants such as fats, oils, hydrocarbons, heavy metals, and microplastics.

Today, ACO takes a further step forward: we embrace the challenge of water reuse, thus ensuring a resource-saving cycle. For all its

products and systems, ACO places great importance on durability, reusability, and a low CO2 footprint. The pursuit of sustainability is a continuous process that we strive to meet every day.

The ACO Group is a global family-owned company and one of the world market leaders in the Water-Tech segment. Founded in Schleswig-Holstein in 1946, it operates as a transnational network in over 50 countries. Worldwide, ACO is characterized by a high level of decentralized ownership and a strong closeness to regional markets.

[www.aco.com](http://www.aco.com)

[www.aco.ke](http://www.aco.ke)

## 5,500

Employees in more than 50 different countries (Europe, America, Asia, Australia, Africa)

## 1.15 billion

Sales in euros in 2023

## 43

Production sites in 20 different countries



**The owners**  
Iver and Hans-Julius Ahlmann



**ACO Group Headquarters**  
in Rendsburg/Büdelstorf

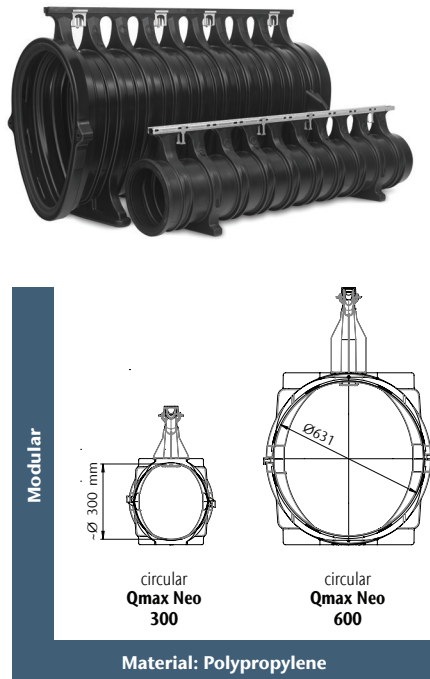


**ACO Headquarters in East Africa**  
Rivaan Centre, 5th floor  
Muguga Green, Nairobi



# ACO DRAIN® Qmax Neo 300/600

ACO Qmax is the combination of drainage and retention. The plastic channels are easy and quick to assemble due to their low weight. The system is available in different nominal widths from 150 to 900 and can therefore be adapted to the hydraulic requirements.



## Qmax Family product advantages

- Application variety
  - All surface finishes possible
  - Traffic loads from A 15 to F 900 certified
  - Large choice of materials for edge rail
- Design
  - Professional surface appearance due to discreet and narrow edge rail
  - Uniform and straight surface appearance even with different nominal widths underground
  - Drainage for the surface area and simultaneous retention with large storage volumes without additional sewer work
- Operating state
  - Sealed channel run
- Installation
  - High lay rates and performances without heavy lifting devices

# ACO Stormbrixx HD 900

Heavy Duty: Driveable version, suitable for heavy vehicle traffic

**ACO Stormbrixx HD900** is a patented plastic Geocellular Stormwater management system with a versatile design suitable for various construction environments, either as a standalone solution or part of a Sustainable Urban Drainage Scheme (SuDS).

## Product Benefits

- 100% recyclable
- High void ratio (97%) to minimizes excavation volume
- Open system for user friendly inspection & cleaning
- Designed for trafficked and loaded applications
- Driveways, car parks, up to 9 tonne vehicles (solid pavement required)
- Fire trucks, delivery vehicles, semi-trailers (30 tonnes) (solid pavement required)



Stormbrixx HD



# ACO DRAIN® Monoblock RD

ACO DRAIN® Monoblock RD is a channel system with a distinctive monolithic structure featuring an integrated grate in a single block. Designed for areas exposed to very heavy traffic, it guarantees stability and strength for linear drainage on highways and major roads with high traffic density. Monoblock RD is available in different heights with clear widths of 100, 150, and 200 mm.



## Key Features

- Light
- Age-resistant
- Antitheft system
- Extremely rugged
- Rust-free
- Frost, de-icing salt and chemical resistant

## Load Classes



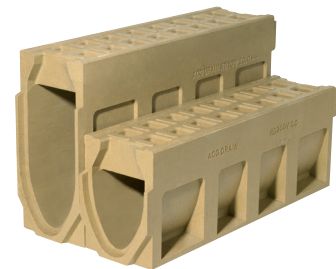
D400



E600



F900



# ACO Composite Manhole Covers

The innovative **ACO Manhole Cover System** has been developed to meet today's urban infrastructure challenges. The intelligent structure of the elements allows the distribution of dynamic traffic load to ensure that the cover remains at the level of the road surface. The flat surface of the installation guarantees safety and comfort when passing.



**Manhole cover**  
**600mm Ø Hinged opening**



**Rectangular Manhole Cover**  
**600 x 450 & 600x 600**

## Key Features

- Light, Medium and Heavy load classes (A15 – D400) for different applications
- Low maintenance and easy installation
- Conforms to BS EN124 standards
- Thermal stability and UV resistance
- High resistance to biological substances
- High chemical resistance to light oil and hydrocarbon
- Low risk of theft
- Available in round and square top sections



# ACO Wastewater Treatment Plant

Residential and commercial solutions

**NECOR**  
Moving bed bio reactor



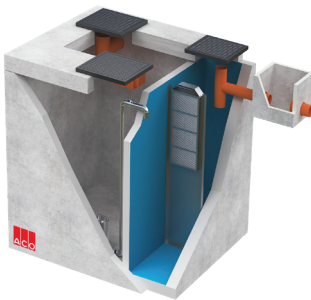
**SBREM**  
Sequential batch reactor



**ROX**  
Extended Aeration



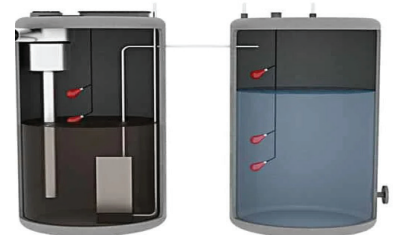
**INSITU STP**  
Sewage Treatment Plant



**ROXPLUS**  
Membrane bio reactor



**GREM**  
Greywater recycling  
system station



## ACO Water Purification System

Rainwater harvesting



Ultrafiltration (UF) and Reverse  
Osmosis (RO) systems



RainSave and RainPure CL Water  
Treatment

# Technical project support

Together, we tackle every project successfully!

Every project is different, with its own needs and challenges. In addition to our products, we offer our know-how and service to develop tailor-made solutions together – from design to post-sales support. ACO is your first point of contact at every stage of the project.



## train:

### Training and information

Through specific documentation and training and development sessions on our solutions, we share the expertise of the entire ACO Group with distributors, designers, architects, installers, and, in general, with anyone who emphasizes quality.

## support:

### Technical and commercial support

We provide our clients with a high-quality, professional technical and commercial support service, offering precise and timely responses regarding products, orders, and deliveries. The ACO team is also available for on-site inspections and during the installation of its drainage and water treatment systems, to provide guidance and useful advice.

## design:

### Design consultancy

Contracts and the design of drainage lines or treatment systems involve many variables. Our team of consultants helps clients find the right answers by identifying the safest, most functional, and cost-effective technical solutions. They also ensure that every aspect of the project meets the highest standards.

## care:

### Maintenance support

We provide valuable advice by defining procedures and indicating the most appropriate methods to keep the drainage system in optimal condition.

ACO Drainage Systems Limited.

Rivaan Centre, 5th floor, Muguga Green  
Nairobi, Kenya  
Tel. +254 (0) 11 000 3001  
info@aco.co.ke  
[www.aco.ke](http://www.aco.ke)

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