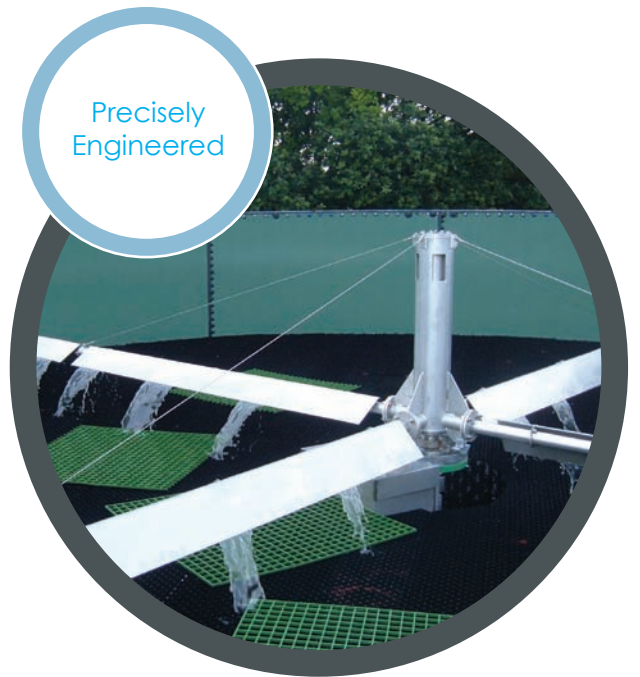


EQUIFLO TRICKLING FILTER ROTARY DISTRIBUTOR

Uniquely Different and Better – by Design

EQUIFLO TRICKLING FILTER ROTARY DISTRIBUTOR

Precisely Engineered



Uniquely Different and Better - By Design

Flexible, intelligent design plus 2H Water Technologies' experience, industry expertise and customisation skills make Equiflo trickling filter rotary distributors the ideal choice for any industrial or municipal wastewater treatment application.

Equiflo is as good as it gets: innovative yet practical, durable and reliable.

No two wastewater treatment challenges are exactly the same – which is why 2H Water Technologies designs and builds individual Equiflo rotary distributors to meet the customer's exact technical and operational specifications from modular, precision-built components.

Whether you're looking for a trickling filter rotary distributor for an entirely new wastewater treatment system or to upgrade existing plant, 2H Water Technologies will provide a unique, custom-built solution which will provide a consistently reliable service over a 25 year working lifetime.

Manufactured in robust stainless steel, the Equiflo rotary distributor is easy to clean, maintain and upgrade.

Consistent Water Distribution

Equiflo is designed to ensure the consistent, even wastewater distribution which is the key to effective trickling filter performance. Each of the water distribution outlets has a unique position, based on a calculation, to spread the water evenly over the arms.

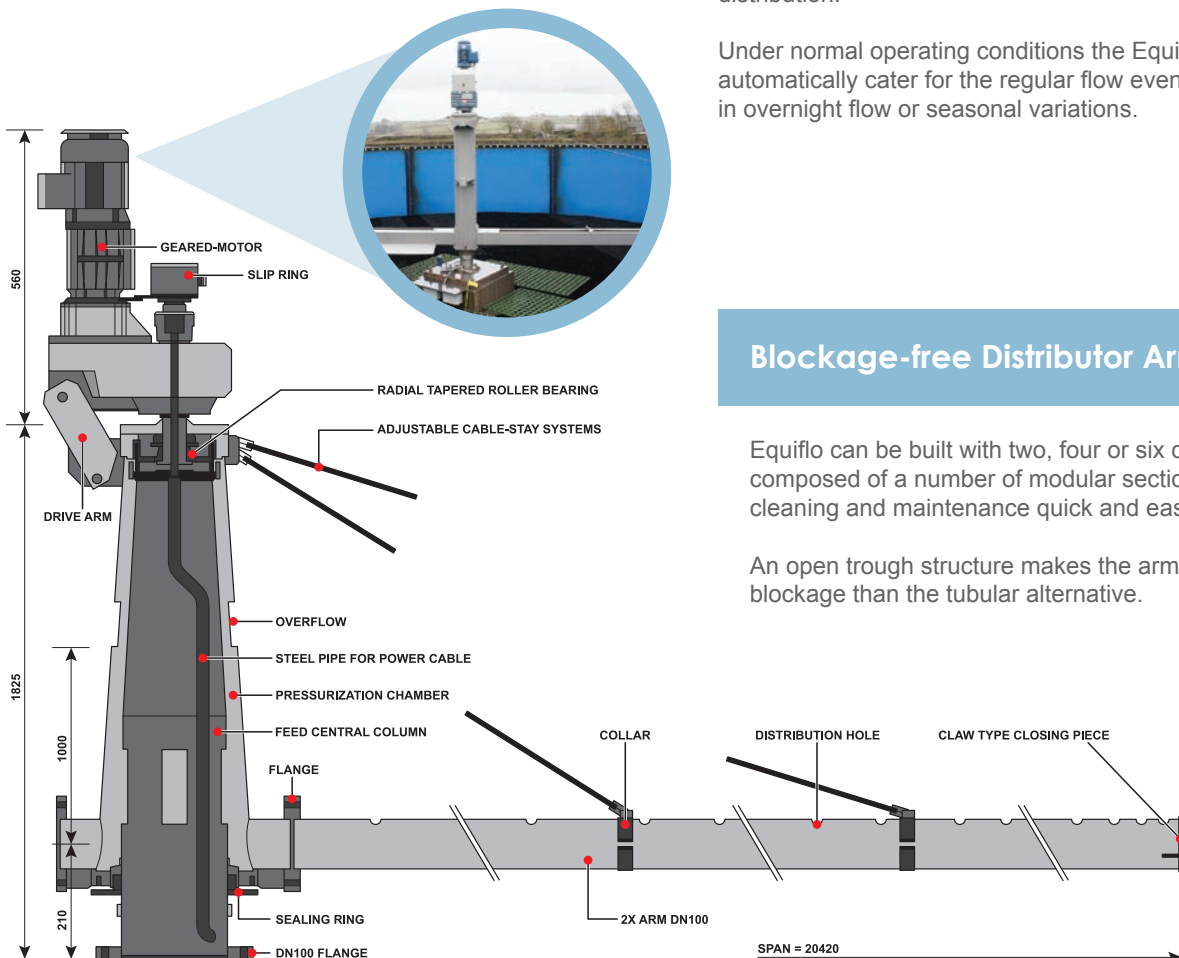
Where there are applications with very high fluctuations in flow, the Equiflo system can always be designed to provide even distribution.

Under normal operating conditions the Equiflo Distributor will automatically cater for the regular flow events such as reduction in overnight flow or seasonal variations.

Blockage-free Distributor Arms

Equiflo can be built with two, four or six distribution arms composed of a number of modular sections which makes cleaning and maintenance quick and easy.

An open trough structure makes the arms less prone to blockage than the tubular alternative.



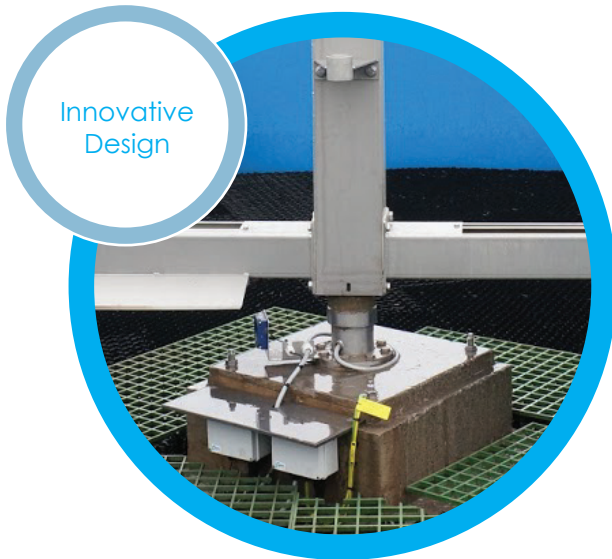
Always Free from Water Damage

Standard Trickling Filter distributors, with the drive arrangement positioned at media level, have the motor located in the wetted area and this is prone to water damage. When the motor cuts out or simply fails to work the operation may have to be suspended in order to repair or replace the faulty unit.

But not with Equiflo which is designed to allow the motor unit to be mounted at a high point on the distributor. Because the motor doesn't come into constant contact with the process water the electrical components remain dry and problem-free.

Customers can choose a direct-drive motorised version which doesn't need additional support from an air service or belt-drive system. In practical terms this means there's fewer parts with the potential to go wrong!

If there's a malfunction or the motor fails it will automatically disengage, allowing Equiflo to be switched to hydrostatic pressure operation. Optional direct drives are available to provide more controllable wetting rates (SK Values), resulting in improved filter performance.



Wastewater Feed to Treat

The Equiflo distributor can be supplied in versions that will treat all manner of industrial and municipal water-born effluents. It can be mounted off feed pipework flanges, concrete pillars or suspended from over-head beams and bridges.

Equiflo can be placed on a flange or suspended from a flange. If it's suspended, the Equiflo rotary distributor hangs from a girder to allow inlet pipes to be attached.

Fast Easy Maintenance

The Equiflo Distributor is designed that in the unlikely event that maintenance is required all key components can be changed without the machine needing to be demounted or stripped down.

Fast, Easy Upgrade

When a part reaches the end of its productive working life it can be replaced without any need for Equiflo to be dismounted.

Technical Specifications

- Max. Flow: 5 to 4 000 m³/h depending on model
- Span: 2 000 to 50 000 mm depending on model
- Flow: Fixed or variable
- Number of arms: 2 to 8

- Supply: From the bottom, from the top or both
- Speed: Adjustable
- Drive: Hydrostatic pressure or motorised
- Material: 304L, 316L or mixed

EQUIFLO ROTARY DISTRIBUTOR KEY FEATURES AND BENEFITS

Feature

- Drive motor mounted on top of distributor
- Drive motor is direct drive
- Drive motor automatic disengage
- Splash Plate application
- Proof of curtain effect
- Adjustable plate installation
- Open Trough Arms
- Manufactured in Stainless Steel
- Top mounted main bearing
- Motor Removing Davit

Benefit

- Motor is mounted well above the wetted area of the filter so remains dry and free from problems
- No requirement for air service or belt drive system required
- Disengage system for motor failure is a simple mechanical by-pass
- Creates a curtain effect to ensure all the media contributes to the process
- Pan test as part of final installation set up
- Simplifies the civil requirements and accurate distributor levelling
- Not prone to blockage like tubular arms with nozzles
- Ensures distributor life is minimum 25 years
- Allows changing with just support from the distributor support column
- The removable davit lifts motor and lowers to ground without a crane

Uniquely Different

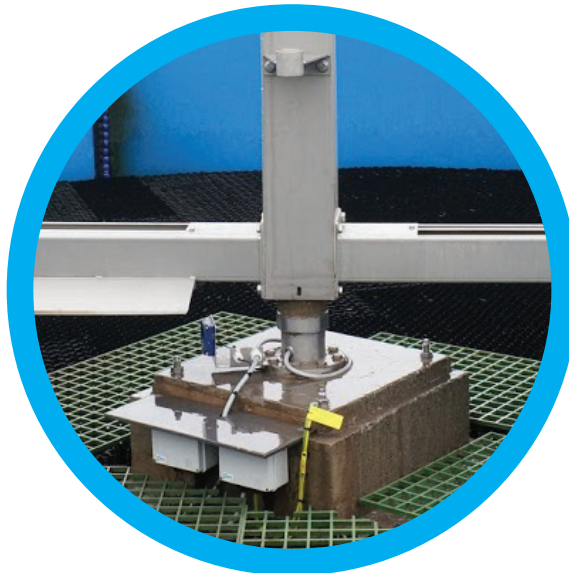
2hwatertechnologies.co.uk

2H Water Technologies (2H), a trading division of ENEXIO UK Ltd, is the UK's leading manufacturer of plastic media for water and wastewater management plant for a wide range of applications including utilities, water and wastewater treatment, industrial effluent treatment and general industrial water cooling. 2H offer a true end-to-end service which combines the industry's widest and most innovative product range along with design and consultancy expertise of over **30 years' experience** working with clients from **every sector of manufacturing** including food and drink, pulp and paper.

We work closely with specifiers, architects and civil engineers and have **designed and installed** a wide range of industrial projects.

Our **industry-leading product ranges** include BIOdek, PLASdek, TUBEdek and SANIPACKING and during our **30 years in business** we have built an outstanding reputation for **quality products and services**. 2H comprises the former Environmental Control Division of Munters, Ranik and 2H Aqua operations.

Innovative
Design



Precisely
Engineered

2H Water Technologies

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Accreditations:

- ISO 9001-2008 (Cert No. 36771/A/0001/UK/En)
- TÜV (German Testing Agency)
- DWI Reg 31

A trading division of:

ENEXIO 