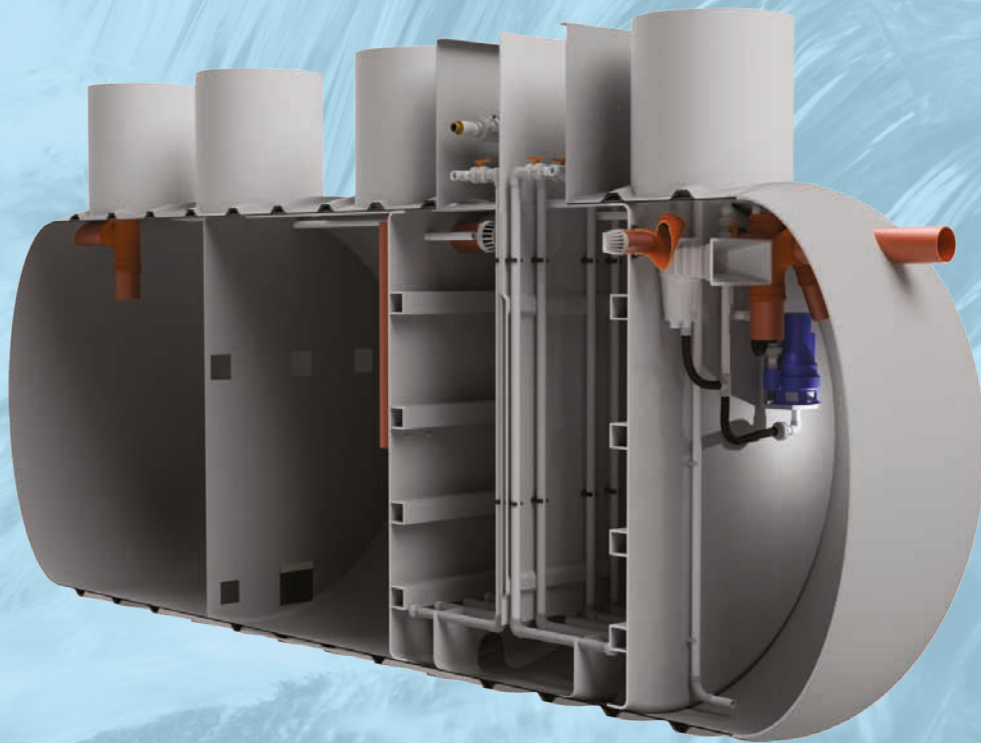


Wastewater treatment
solutions tailor-made for
large projects

REWATEC[®]

Moving bed biofilm reactor (MBBR)



Combining high performance with a compact and robust design, the Rewatec MBBR is ideal for projects with tight controls on hydraulic loading and effluent concentrations.



**ENERGY
SAVING**



**SMALL
FOOTPRINT**



**ROBUST AND
DURABLE**

AUTOMATED FEATURES

Reduces operating costs

SCUM LAYER SKIMMER

Minimises sludge build-up

Primary settlement tanks

- Retains large non-degradable solids
- Stops solids from entering biozone
- Balances flow

Aerobic biozone

- Converts dissolved organic material into inert gas and clean water
- Aeration maintains biomedica with active bacteria in motion

OPTIMISED OXYGEN INPUT

Improves efficiency and reduces energy costs



Final settlement tank

- Separates solids from liquid
- Transports accumulated sludge (solids) back to the primary settlement zone

Manufactured from robust glass reinforced plastic (GRP), the Rewatec MBBR is built to last. Pedestrian duty covers and access manways come pre-installed for improved safety and for easy maintenance. Typical treatment results are shown below, however better effluent concentrations can be achieved with bespoke designs. Please contact us if you require any further information.

Parameters	Primary settlement zone influent concentrations	Guaranteed effluent concentrations
Organic matter (BOD ₅)	400 mg/L	20 mg/L
Suspended solids (SS)	200 mg/L	30 mg/L
Ammonium nitrogen (NH ₄ -N)	53 mg/L	5 mg/L

Optional upgrades:

- We recommend oxygen and sludge monitoring devices for maximum efficiency and a reduced carbon footprint.
- Add an Ecoflo wastewater treatment system for sustainable effluent polishing.

IDEAL PROJECTS

- Caravan parks
- Service stations
- Hotels, inns, and restaurants
- Breweries and wineries
- Sites where space is limited

MAINTENANCE

A full suite of services is available through Premier Tech's extensive network of trusted service partners.

WARRANTY

All GRP tanks come with a standard 25 year warranty. Individual product and part warranties are available upon request.



PT Water and Environment

2 Whitehouse Way,
South West Industrial Estate
Peterlee, Co Durham
SR8 2RA UNITED KINGDOM

+44 (0) 191 5878650
sales.ptwe.uk@premiertech.com
PT-WaterEnvironment.co.uk



The information contained in this document was current and consistent with the information available at the time of publication. Premier Tech Ltd. makes no warranties or representations as to its accuracy. Because of its continuous improvement policy, Premier Tech Ltd. and its affiliated companies reserve the right to change and/or discontinue the manufacture of any product and/or modify technical data and prices, for any reason whatsoever and at its sole discretion, without further notice and without liability to anyone in this regard.

© 2022 Premier Tech Ltd. All rights reserved.
Printed in United Kingdom

UK
20220314