

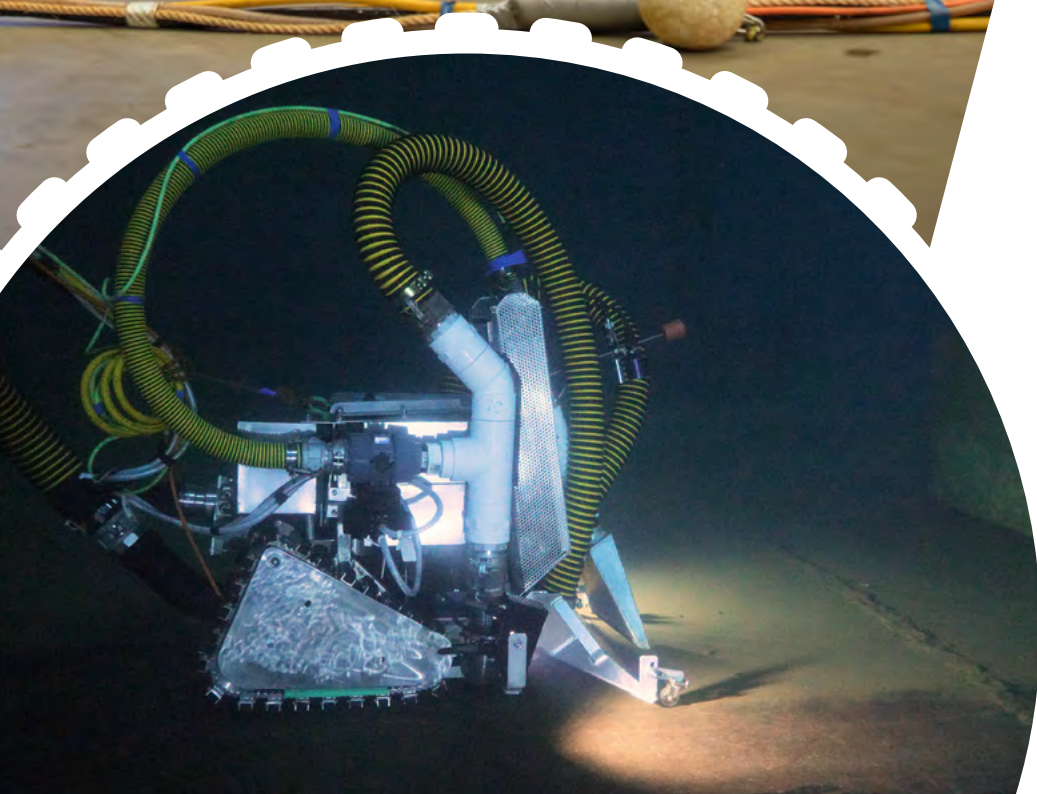
A NEW REVOLUTION IN TANK AND RESERVOIR CLEANING HAS ARRIVED!



Watertight Robotics is Australia's largest provider of online robotic tank and reservoir cleaning solutions. Born from over 35 years of tank cleaning experience, Watertight Robotics delivers world leading technology for tank and reservoir cleaning to the Australian Water Industry.

Current methods available for tank and reservoir cleaning include drain and clean, a costly and time consuming method that requires asset downtime and wastes valuable water, or cleaning by divers which is expensive to execute safely. Watertight Robotics offers safe, economical robotic solutions for cleaning and inspection of potable storage assets online.

The Watertight Robotics fleet comprises electrically powered, crawling robots which have been modified for Australian conditions with a particular focus on water efficiency. These robots have no thrusters to mobilise sediment into the water column and no hydraulic parts, eliminating the risk of leaking hydraulic oil into a potable supply. Each robot is custom built for potable water use and dedicated to this sole purpose. Robots are surface controlled by an operator using multiple cameras fed to a surface display console. Tanks and reservoirs can be safely cleaned online without disturbing sediment or impacting on water quality.



WATERTIGHT
ROBOTICS 



WHY WE USE ROBOTS

- **No human entry**
- **Lower cost**
- **No thrusters or hydraulic parts**
- **Assets cleaned online**
- **Comprehensive inspection capability**
- **No impact to water quality**
- **Built and maintained for potable water use**

Cleaning robots range in size from units with a dry weight of only 30kg, to large units with a dry weight of over 350kg. Cleaning robots are supported by inspection class ROV units which are used to monitor cleaning operations and safely inspect assets post-cleaning, when the risk of mobilising sediment into the water column has been removed.

Advice on the suitability of robotic cleaning for particular assets can be provided by experienced personnel with backgrounds in both potable water tank cleaning and water quality. Our ongoing development program focuses on removing existing barriers to robotic cleaning in order to expand the range assets that can be serviced exclusively using robots. 100% removal of sediment is achievable from accessible floor areas, sloping walls and column bases, using a variety of vacuum attachments for each robot.

The Watertight Robotics fleet can significantly reduce tank and reservoir cleaning costs when compared to traditional methods, with no asset downtime. Watertight Robotics is backed by the nation-wide capability and experience of Fremantle Commercial Diving, Australia's premier supplier of tank and reservoir diving services.

Join the revolution!
Contact us to talk about
your tank and reservoir
cleaning requirements:

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