

# MUDBUG MBS50

## SILO TANK

### TECHNICAL DATA SHEET



Aquatic  
ENGINEERING

### Overview

Our MudBug range of SILO tanks are designed for the primary storage and staging of non-compliant water on construction sites often used stand alone or to manage first stage storage as part of a temporary WTP.

- Specifically designed for high sludge applications such as tunnelling
- Our tanks can be used for storage containing water from multiple feed locations
- Silo suit longer term projects, engineered concrete footings & platforms are required by site prior to installation
- The MBS50 has a cone rake/scrapper driven by a 0.75kW planetary gear drive on the bridge across the silo. This keeps settled sludge moving down the cone.



**Hydraulic Capacity (L/s):** N/A

**Capacity (L):** 50,000

**Inlet Connection (DN):** 150mm

**Outlet Connection (DN):** 150mm

**Dimensions LxWxH (mm):** 8,170 x 3,963 x 3,963  
(Freight Dimensions)

**Empty Weight (kg):** 5,800

**Full Weight SG1.2 (kg):** 70,800

**TrackUnit GPS:** No

### Treatment Capability:

Process Water Storage/Staging	Yes	Hydrocarbon Removal	No
pH Correction	No	Total Organic Carbon Removal	No
Total Suspended Solids (TSS)	No	Nitrates & Ammonia Removal	No
Integrated Sludge Pump	No	Sludge Dewatering	No
Heavy Metal Removal	No	Telemetry Monitoring & Dashboards	No

### Sustainability:

Carbon Neutral Organisation - Verified	Yes
Carbon Neutral Product - Verified	No
Power Consumption Reporting (kWh)	No

### Associated Products:

- Chemical Storage PODS
- MudBug Tanks
- Kraken Filters
- Kraken Sludge
- Pumps

### Associated Consumables:

N/A

### Note:

- Specification is subject to change without prior notice. Please check with your local Aquatic Engineering Australia representative for the latest specifications
- Flow/Treatment suitability is subject to inlet effluent water quality and required discharge parameters and is stated as a guide only