Prime FLUID MANAGEMENT

Sales | Hire | Solution Design | Full Service Operation

Standard Settling Tanks

BT03 | BT06 | BT09 | BT12

Portable sediment control for excavation dewatering and site runoff.

Separate coarse silt, sand and other readily settled solids from pumped water before discharge or further water treatment.

A series of internal baffles slow water flow from inlet to outlet, increasing settling time on site.



Specifications	BT03	BT06	BT09	BT12
Tank capacity (m^3)	3	6	9	12
Dimensions LxWxH (m)	2.3 × 1.1 × 1.4	3.1 × 1.45 × 1.4	3.8 × 1.8 × 1.4	4.3 × 2.15 × 1.4
Inlet / outlet connections (in)	1 × 6" / 2 × 6"	1 × 6" / 2 × 6"	1 × 6" / 2 × 6"	1 × 6" / 2 × 6"
Dry weight (kg)	900	1,200	1,500	1,800

Key features

- **Dual outlets** – Two 6" (150mm) Bauer outlets.
- **Sludge removal** – Low-level drain ports help clear settled solids.
- **Cleaning** – Removable baffles and mesh lid.
- **Heavy-duty steel construction** with a protective two-pack paint finish.
- **Handling** – Four lifting points and forklift pockets simplify moving and positioning on site.
- **Hydrocarbon separator** – Built-in baffle holds back floating oils for removal.
- **Space-saving design** – Stack tanks and use in tandem.
- **Compatible with chemical dosing** – Optional dosing helps suspended particles form larger clumps that settle more readily.

Sizing and setup

These factors influence tank selection, setup and operating flow rates.

- **Sediment characteristics** – Sediment type, solids loading and how readily particles settle.
- **Incoming flow** – Expected flow rates, peak flows and variation during operation.
- **Discharge requirements** – Water quality, discharge limits and any applicable consent conditions.
- **Site layout** – Available space, a firm level base, delivery access and pipework routes.
- **Cleaning and sludge removal** – Sludge build-up and access for inspection, washout and emptying.

Prime support

Talk to our team for help choosing your settling tank configuration.

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