Hybrid Settling Tanks

HST09





Compact, stackable tanks with increased settling area for coarse sediment.

Separate sediment from pumped site water before discharge or further treatment. The HST09 combines baffles with honeycomb settling tubes to increase settling area without a larger footprint. Depending on flow and sediment conditions, this can improve sediment removal or support higher treatment flow rates.

Specifications	HST09
Tank capacity (m^3)	9
Dimensions L x W (m)	3.8 × 2.3
Inlet / outlet connections (in)	1 × 6" / 1 × 6"

Key features

- **Stackable design** – Connect tanks vertically for longer settling time in the same space.
- **Honeycomb settling tubes** – Increase effective settling area without increasing the tank's footprint.
- **Cleaning** – Lift-out cradle makes the honeycomb section easier to clean.
- **Sludge removal** – Eight low-level drain ports help clear settled solids.
- **Hydrocarbon separator** – Built-in baffle holds back floating oils for removal.
- **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. Baffles and the honeycomb insert lift out for cleaning.

Prime support

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

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