



Precast
Concrete Model



MudTrooper™

Built to City and Municipal Specifications for Commercial and Industrial Use

The ParkUSA Sand-Mud Separator is ideal for use in manufacturing, maintenance, or commercial facilities that have a high discharge of inorganic sediment including sand, mud, silt, and detergents. Our MudTrooper™ is a turnkey solution to remove sediment from wastewater. It is delivered to the job site pre-piped, tested, and ready to install.

In addition to quick and easy installation, our separator includes remote maintenance alarms and pump-out options for ease of service and maintenance. Built to city and municipal specifications, the MudTrooper™ complies with local building codes and environmental regulations and ranges in size from 500 to 20,000 gallons.

Applications

- Manufacturing facilities
- Construction sites
- Car washes
- Heavy equipment washracks
- Service stations
- Airports
- Aircraft service operations

Advantages

- Built to city and municipal specifications in sizes ranging from 500–20,000 gallons
- Turnkey and pre-piped for quick delivery and easy installation
- Most models are Uniform Plumbing Code (UPC) Listed and IPC compliant
- Remote maintenance alarm and pump-out options
- Monolithic baffles for strength, resilient pipe connections, and interior corrosion-resistant lining
- Above ground, below ground, precast concrete, stainless steel, or fiberglass options
- Fixed bid price and submittals for engineer review are provided



Fiberglass Model



Stainless Steel Model



How It Works

Sand-Mud Interceptors separate wastewater from water as it moves through the interior baffle system. The remaining sediment is left in the interceptor, where it is removed by a professional wastewater disposal company, and the treated water exits the interceptor, ready to be used again or moved into the sanitary sewer system.

The interceptor operates on the principle of buoyancy, where sand has a higher density than water and naturally sinks to the bottom of the interceptor. As the sandy wastewater enters the interceptor, the flow velocity is decreased, allowing the sand and mud to settle to the bottom of the unit and be captured using a series of baffles. Clearer water then exits via an outlet baffle. When the sand interceptor reaches maximum capacity, the operator should contact a licensed wastewater disposal company for removal.

System Components

Basin structure: Constructed of precast concrete, fiberglass, or stainless steel to best meet project needs.

Baffle: Monolithic baffles provide structural strength and leakproof compartments to slow the wastewater flow and cause FOG to rise to the surface.

Interior protective liner: HDPE or epoxy liners protect against chemical and abrasive corrosion.

Service notification alarm: Alarm alerts operator for regularly scheduled maintenance.

Sediment collection area: Area where the sediment collects and is held until the interceptor is cleaned.



Full product catalog available at request.parkusa.com



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