



Trailer Mounted Sludge Mate®

Designed to Dewater

The Sludge Mate® is a container filter used along with polymer to dewater various types of waste. Polymer is mixed in with the waste before it is processed through the Sludge Mate®. The filters within the Sludge Mate® retain the solids and allow the water to pass through and out the drainage ports. This discharge of clear liquid is not treated water and must be disposed of properly. Once the sludge has been dewatered for 12 to 24 hours and has passed the paint filter test, it will then be ready for disposal.

Trailer mounted Sludge Mates® can be equipped with a tarp, a roof with hatchways, or an open top. All units are offered with or without the Poly-Mate® Polymer Mixing and Injection System.



Sample Application

Beginning Waste % of Solids	Beginning Waste Volume	Processing Time	Dewatered Cake % of Solids	Dewatered Cake Volume	Volume Reduction
1 - 1.5%	10,000 Gallons	24 Hours	12 - 16%	1,000 Gallons (5 Cu Yards)	85 - 90%

Note: Individual application results, as well as processing capacity, may vary depending on % of solids in the sludge and sludge characteristics

Sludge Mate® Processing Capabilities	
Sludge Mate® Size	Amount of sludge processed per day*
5 cu. yd.	5,000 gallons
7 cu. yd.	7,000 gallons
12 cu. yd.	12,000 gallons
15 cu. yd.	15,000 gallons
20 cu. yd.	20,000 gallons
25 cu. yd.	25,000 gallons
30 cu. yd.	30,000 gallons
40 cu. yd.	40,000 gallons

**Calculations based on sludge with 1% of solids. Results may vary according to sludge characteristics.*

- **Digested Sludge**
- **Alum Sludge**
- **Grease Trap Waste**
- **Septic Tank Waste**



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U.S. Patent Nos. 4,871,454 and 5,595,654

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Engineered Drawings available Upon Request