

Siltbuster Sweeper Skip System

Information at - https://www.siltbuster.co.uk/sb_prod/sweeper-tip/

Siltbuster Sweeper Tip

Siltbuster have developed a simple three-stage sweeper tip solution which reduces sweeper operating costs by removing the need to leave site to empty.

The system is composed of two Roll-On-Roll-Off (RORO) skips. The sweeper tips waste directly into the first skip which acts as a reception hopper. Coarse particles quickly settle to the bottom and large items (litter and detritus) are retained.

A float-activated pump transfers silt laden water, via a chemical dosing system, into a geotextile bag stored within the second skip. The suspended solids within the water are retained inside the geotextile bag and clear water bleeds through ready for discharge.

The first skip is often free draining, but if any slurry is left it can be rapidly stabilised by mixing with Siltbuster's **Solidify XL**, which turns the slurry into a solid material suitable for offsite disposal.

Siltbuster Sweeper Tip Specs

Separation Method	Gravity
Footprint	2 x RORO Skip
Height (per RORO skip)	1.6m
Length (per RORO skip)	6.1m
Width (per RORO skip)	2.2m
Material Waste	Sweeper Waste
Chemical Dosing	If Required
Operating Range	1 - 4 Sweepers

Siltbuster Siltstoppa Bags

Siltstoppa Bags provide a low cost solution for the dewatering of sludges and slurry.

Pre-conditioned (floculated) slurry is pumped into the Siltstoppa Bag and allowed to dewater. The water released from the sludge bleeds through the geotextile fabric whilst the trapped solids remain in the bag.

Siltstoppa De-watering Bags are available individually, to sit on a suitable slab or drainage area or can be supplied as a complete treatment solution including as required sludge conditioning unit, and roll-on/roll-off (RORO) container.

When the bag is full and the trapped solids have dewatered, the Siltstoppa bag can either be split open on-site and the dewatered solids removed by means of an excavator (or similar equipment), or the full RORO container can be transported for off-site disposal.

Siltbuster Siltstoppa Bags Specs

Separation Method	Geotextile Membrane
Height	Expands until full
Length	5.5m
Width	2.1m
Dry Weight	Size Dependent
Materials	Sludges and Slurries
Material Colour	Black
Bag Capacity	6m ³
Operating Range	Material Dependent



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Siltbuster Siltstoppa Skip

Siltstoppa De-Watering Bags have been conveniently sized to fit an industry standard roll on roll off (RORO) Siltstoppa skip. The RORO dewatering skip provides a secure and environmentally acceptable means of bunding a Siltbuster Siltstoppa Dewatering Bag.

When the skip is full with either single or multiple bags (stacked up on top of each other), the skip and its contents can be transported to a Waste Management Facility for disposal of the dewatered sludge/slurry contained within the Siltstoppa Bags.

The Siltstoppa Skip comes complete with an integral sump, allowing easy removal of the water which escapes from the dewatering sludge/slurry.

Siltbuster Siltstoppa Skip Specs

Separation Method	Geotextile Membrane
Height	1.2m
Length	6.1m
Width	2.5m
Dry Weight	2.0 tonne
Material	Floculated Particles
Operating Capacity	1 Bag
Lifting Method	RORO Hooklift
Operating Range	Material Dependent



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