

End of Pipe Trash Net (TN)

Gutter Bin® stormwater filtration system



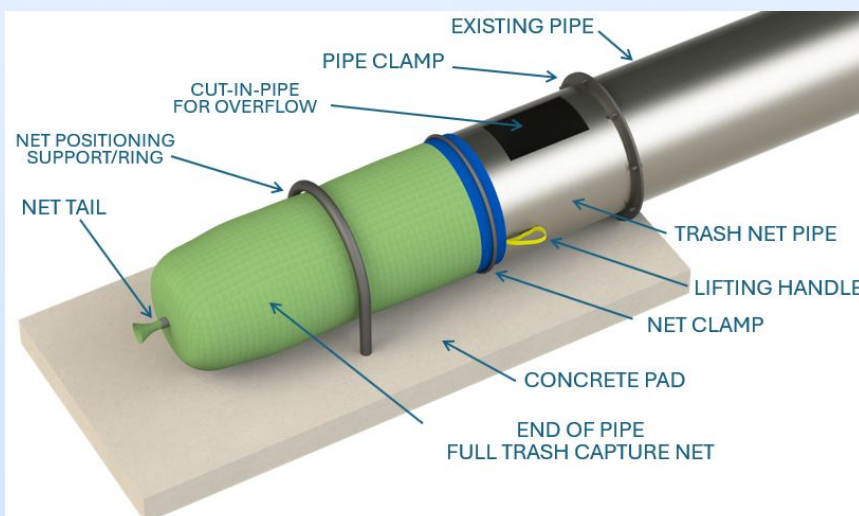
The Mundus Bag® **Trash Net** is a high-performance, end-of-pipe full trash capture net designed to prevent debris and pollutants from entering waterways. It is engineered for rugged environmental conditions and meets California's Full Trash Capture criteria. The system is easy to install, maintain, and replace, making it a sustainable and adaptable stormwater management solution.

Features & Benefits

- **Efficient Trash Capture** – Removes all trash and debris greater than 4mm in size.
- **Multiple Size Options** – Available for 6" to 72" outlet diameters, with lengths of 5', 10', or 15'. Custom sizing available to accommodate project needs.
- **Durable Construction** – Made from high-strength, UV-resistant material to withstand hydraulic forces, debris impact, and environmental conditions.
- **Flexible & Adaptable** – Can be attached to concrete, metal, or plastic culverts using standard mounting bands (Hugger Band, Worm Drive Clamp, or Galvanized Band).
- **Sustainable Solution** – Manufactured in the USA using 100% recyclable materials.
- **Easy Maintenance** – Designed for quick removal, emptying, & reinstallation, reducing operational downtime.
- **Hydraulic Capacity** – Optimized for maximum water flow efficiency while ensuring trash containment.
- **Reversible** - Pull bag inside out to back flush.
- **Net Support Arch (NSA)** - optional component keeps the net open and correctly positioned, maintaining flow capacity and capture as the net fills.
- **Net Tail** - available in sewn OR releasable configuration

Installation & Maintenance

- Securely attach to the outlet of a culvert using a standard clamping system.
 - Designed to withstand up to 5 ft/sec water velocity; higher velocities require transition channels.
 - Routine inspection and emptying recommended annually or as needed to maintain efficiency.
- ✓ **The Mundus Bag® is certified Full Trash Capture in California**
- ✓ **Meets CALTRANS rigid specification requirements**



Call us for a quote today!



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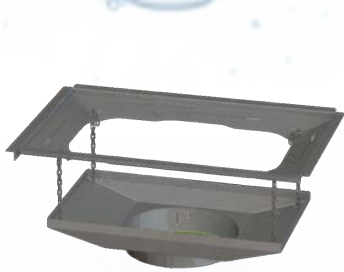
One System. Multiple Solutions.

Gutter Bin® stormwater filtration systems



From standard drop inlets to complex channel systems, the Gutter Bin platform delivers a modular stormwater filtration solution that adapts to your infrastructure, not the other way around. Gutter Bin configurations are designed to work interchangeably with Mundus Bag® filtration elements and specialized media, allowing you to target specific pollutants today and adjust as conditions change. Performance is tracked through our STREAM mobile app, creating measurable data that drives accountability, better stormwater decision-making and system optimization.

Gutter Bin Platform + Mundus Bag Filter + Optional Media = Measurable Results



Platform options to fit your inlets:

- ✓ Drop Inlet Filters (round, square and rectangular)
- ✓ Curb Inlet Filters
- ✓ Channel Filter System
- ✓ Adaptive Mounting Platform
- ✓ Dry Well Filter
- ✓ Trash Net (end of pipe)
- ✓ Custom configurations

Filters to fit your goals:

- ✓ HDF: Heavy Duty
Filtration for long-term reusability
- ✓ TTC: Total Trash
Capture for CA Full Trash Capture
- ✓ TSS: Total Suspended Solids
- ✓ SHHT: Sediment, Hydrocarbons, Heavy Metals and Trash

Media for pollutants of concern:

- ✓ MYCELX Snippets for hydrocarbon, oil and emulsified oil capture
- ✓ Performer media for heavy metals, TSS, nutrient and PFAS capture
- ✓ NutriLok media for phosphorus and nitrogen capture

STREAM mobile app to track, report and adapt:

- ✓ Track installation, maintenance and pollution collection data for accountability
- ✓ Create performance reports
- ✓ Build insight to inform maintenance, change filtration and spot problem areas

Flow Capacity That Holds Up

Independently tested at Colorado State University: the HDF Mundus Bag conveys 88% to 96% of the flow through the same opening with no filter installed, and still carries 81% to 91% of flow at 75% simulated bag fullness.

HDF Mundus Bag Size	Flow without filter (in cubic feet per second)	Flow with empty bag (in cubic feet per second)	Flow at simulated 75% bag fullness (in cubic feet per second)
9 inch	0.75 cfs	0.72 cfs	0.68 cfs
13 inch	1.40 cfs	1.23 cfs	1.13 cfs
16 inch	2.60 cfs	2.50 cfs	2.15 cfs

Sediment Removal and Retention		
	NJDEP Removal	Street Sweepings
TSS Bag	84%	95%
HDF Bag	58%	74%

CSU-HYD Report No. 2026-5, Colorado State University Hydraulics Laboratory, May 2026. Laboratory conditions, HDF Mundus Bag element. Simulated fullness reflects partial closure of element length, not flow area. Performance is a property of the Mundus Bag element, common across Gutter Bin inlet platforms.

