

## GSMS Series



The GSMS Series is the latest in wash water recycling technology. The GSMS Series is designed for treating Turf Care maintenance facility equipment with up to 4-hose stations. The addition of the Grass Clipping Separator, the integrated Inclined Plate Clarifier combined with the Biological Treatment System creates a water quality with a low Turbidity. The GSMS provides the versatility to separate grass clippings, suspended solids and hydrocarbons all in one compact system to produce a high quality recycled wash water. Contact ESD Waste2Water, Inc. to discuss a Turf Care Facility design today and learn more about the GSMS Advantage.

GOLF SOLIDS MANAGEMENT SYSTEM SPECIFICATIONS	INCLINED PLATE SEPARATOR SURFACE	WASHING STATIONS	MEDIA	DIMENSIONS	OPERATING CAPACITY	ELECTRICAL	FRESH WATER	NET WEIGHT
<b>700 Series</b>	277 Square Feet	1 to 2	822.5 Square Feet Surface Area	132 1/2" x 48 1/2" x 64 (L x W x H)	622 Gallon	240 Volt, Single Phase, 40 Amp with Neutral Wire	3/4"	Approx 1,500 lbs. Dry
<b>800 Series</b>	480 Square Feet	1 to 4	2,115 Square Feet Surface Area	186" x 60 1/2" x 64 (L x W x H)	1,834 Gallon	240 Volt, Single Phase, 40 Amp with Neutral Wire	3/4"	Approx 2,000 lbs. Dry



Certified to UL-508A Standards



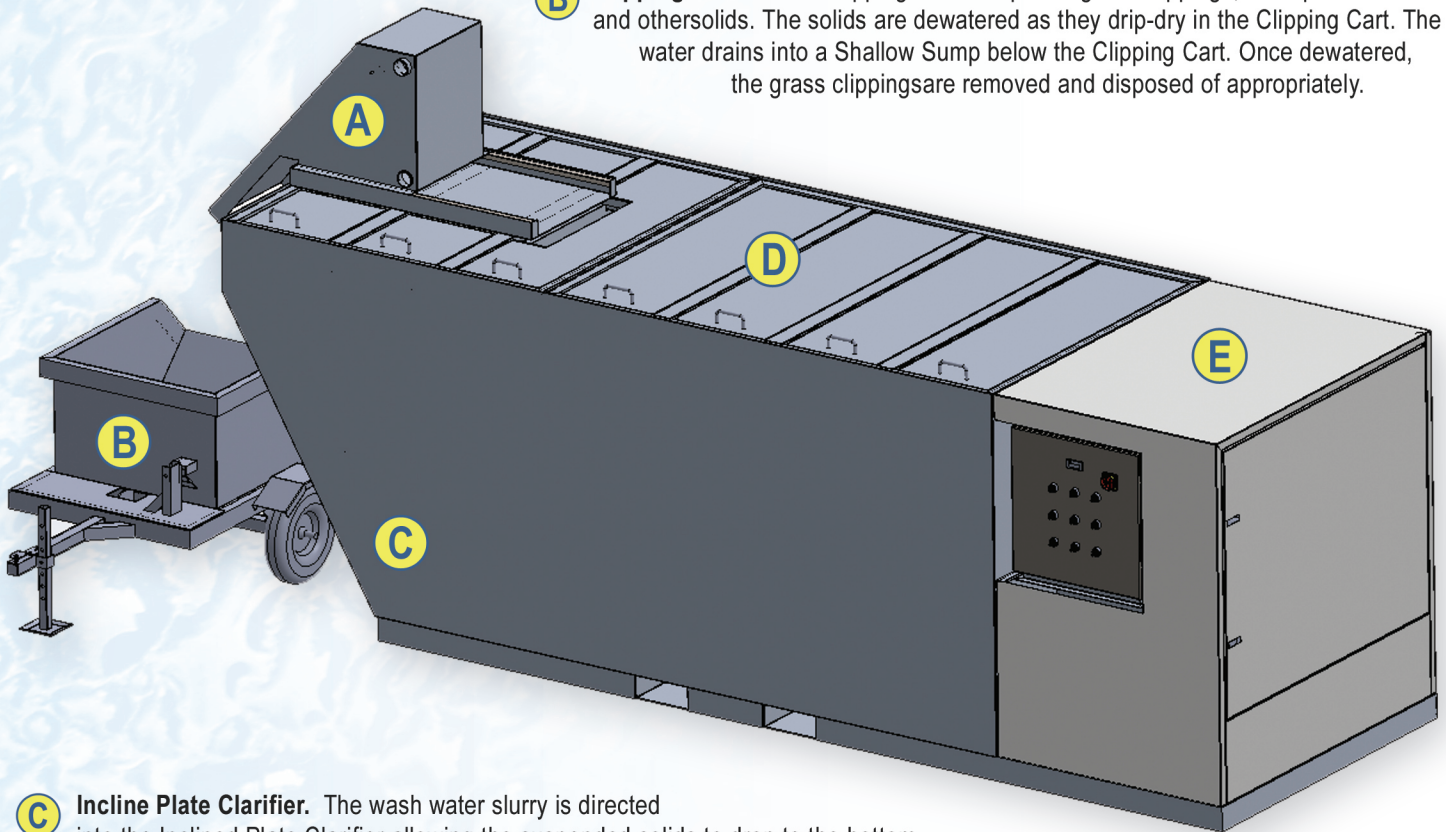
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**A Clipping Separator.** The wash water slurry flows over the fine mesh clipping screen where grass and other solids slide down the clipping screen and into the Clipping Cart. At the same time, water drops through the clipping screen and into the Solids Separator.

**B Clipping Trailer.** The Clipping Trailer captures grass clippings, sand particulates and other solids. The solids are dewatered as they drip-dry in the Clipping Cart. The water drains into a Shallow Sump below the Clipping Cart. Once dewatered, the grass clippings are removed and disposed of appropriately.



**C Incline Plate Clarifier.** The wash water slurry is directed into the Inclined Plate Clarifier allowing the suspended solids to drop to the bottom while skimming the water and hydrocarbons off to travel into the Biological Treatment Chamber.

**D Biological Treatment Chamber.** Once in the Biological Treatment System, the water travels over and under a series of baffles and through a mass of honeycomb bio media covered with specially-formulated microbes. Organic contaminants are consumed by the microbes, and the contaminants are converted into carbon dioxide and water. Creating a low turbidity recycled wash water.

**E Covered Controls.** The marine grade aluminum covering is designed to protect the intrinsically safe controls from the environment. The GSMS also provides a Water Flow Meter to report the amount of Recycled Water for Sustainability.



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