

## HSMS Series



The HSMS Series is the latest in wash water recycling technology. The HSMS series is designed to biologically treat heavy equipment washing applications. The integrated Inclined Plate Clarifier combined with the Biological Treatment System creates a low Turbidity water quality. The HSMS provides the versatility to separate suspended solids and hydrocarbons all in one compact system to produce a high quality recycled wash water. Contact ESD Waste2Water, Inc. to discuss a design today and learn more about the HSMS Advantage.

SOLIDS MANAGEMENT MODEL	INCLINED PLATE SEPARATOR SURFACE	WASHING STATIONS	MEDIA	DIMENSIONS	OPERATING CAPACITY	ELECTRICAL	FRESH WATER	NET WEIGHT
<b>700 Series</b>	277 Square Feet	1	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> *Water Cannon Option - 20 GPM @ 200PSI	480 Square Feet	1	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 *80 Amp	3/4"	Approx 2,000 lbs. Dry



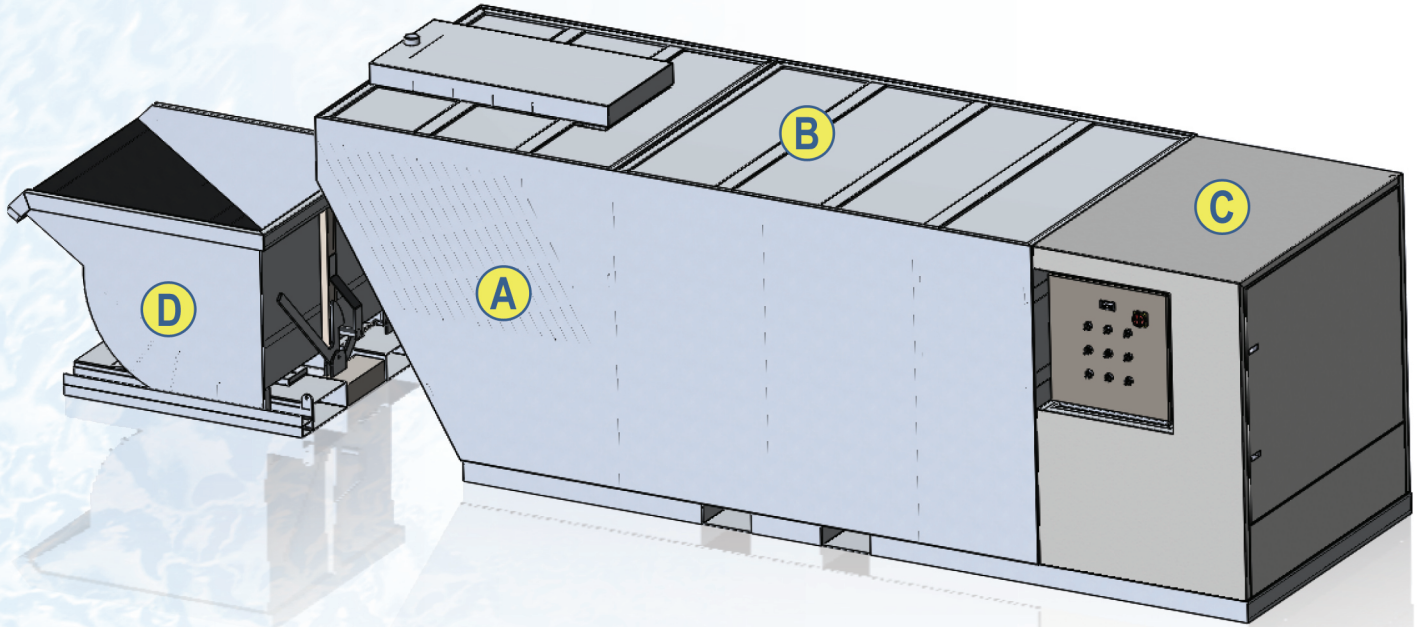
Certified to UL-508A Standards



**1-800-277-3279**  
 495 Oak Road  
 Ocala, Florida 34472  
[www.waste2water.com](http://www.waste2water.com)



## HSMS Series



- A 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.
- B 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.
- C 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.
- D Solids Hopper.** The water/solids slurry is then discharged into the Above Ground Solid Hopper that is equipped with forklift guides and easy dump lever.



1-800-277-3279

495 Oak Road  
Ocala, Florida 34472  
[www.waste2water.com](http://www.waste2water.com)

