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- Wash Water Recycling and Treatment Systems
- Detergent • Accessories • Replacement parts

Bio-Digester™

Vehicle Wash Water Treatment & Recycling Systems

Bio-Digester™: Modular Biological Digestion Systems

The Bio-Digester™ Bio-treatment systems provide advanced motion bed bio-technology in a compact footprint for organics reduction in washrack facilities where treat and discharge or recycling of wash water is desired.

The Bio-Digester™ utilizes the EnBio™ microbes, aeration and a large submerged surface area to maintain the bacterial colony in order to consume contaminants such as oils, sludge, soaps, wax and fuels digestion and convert them to carbon dioxide and water.

The Bio-Digester™ is a gravity flow system constructed of industrial materials.

System Design Features:

- Bio-contact tank, FRP construction, covered with inspection hatch and 2" NPT vent
- SuperAerator™ system with 7 CFM air pump, diffuser system
- EnBio™ bacteria injection system with programmable timer settings to meter EnBio™ bacteria media.
- ¾ HP circulation pump with bottom diffuser for flow distribution
- Master Control Panel (MCP): NEMA 4X, 115V/1pH/60Hz
- System skid: MCP, SuperAerator™, EnBio™ injection system and recirculation pump are mounted on this skid. Dimensions: 36"W X 24"L X 48"H. The skid mounts next to the contact tank. Recirculation pump plumbing to/from tank provided.
- Bio-Pac™ biological medium, EnBio™ media, 10 gallons are included



Bio-Digester™ Detail 42" – 72" Diameter				
Model	Tank Gals	Surface AreaFt2	Fitting Size"	Tank D X H
BD-300-15	300	2280	2"	42" X 60"
BD-600-30	600	4560	3"	48" X 90"
BD-800-40	800	6080	4"	60" X 96"
BD-1000-50	1000	7600	4"	72" X 72"
BD-1500-65	1500	9144	4"	72" X 96"
Vent			2"	One vent
Fittings are NPT Tank MOC: FRP				

Bio-Digester™ Options	
Model pHC	pH Controller



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