

Clipping Separator System For Turf Care Wash Operations



The Clipping Separator System is designed to help create tidy wash areas by effectively handling grass clippings, sand and other small debris from normal turf care wash operations. The System is also designed for pretreatment for either:

- Waste2Water wash water recycle systems, or
- Discharging wash water to the sanitary sewer

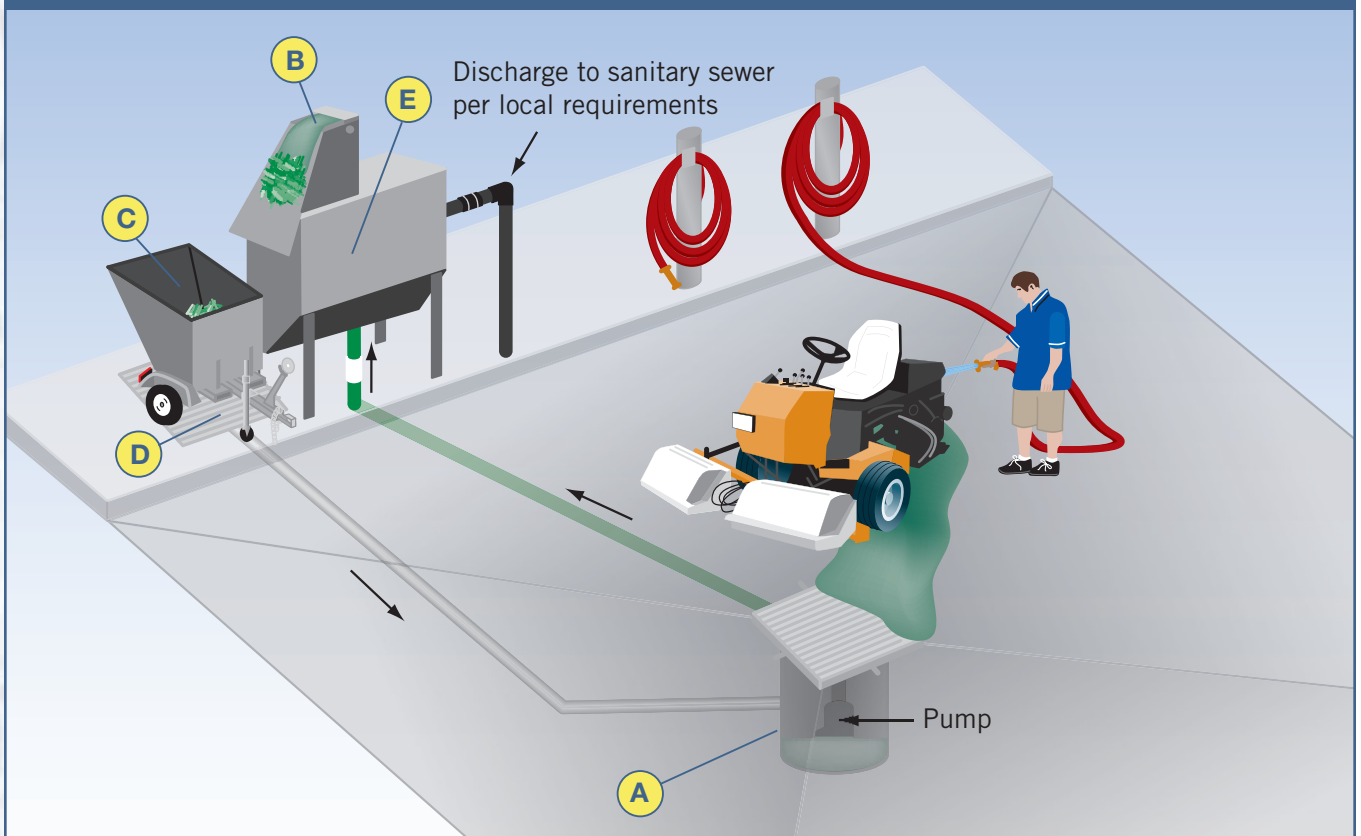
The Clipping Separator can be used for 9, 18, 27 or 36-hole golf courses, and can handle up to 6 wash stations. The system includes pre-engineered in-ground sumps, and above-ground components that make handling grass clippings simple, easy and effective.

Specifications:

Flow Range:	0-50 GPM
Daily Throughput:	Unlimited
Clipping Separation:	432 sq. in. Wedge Wire
Power Requirement:	115 Volt 20 AMP
Components Included:	Round Sump Submersible Pump Clipping Separator Clipping Cart Shallow Sump Solids Separator
Approximate Weight:	250 lbs



System Wash Water Flow Diagram and Description



- A Round Sump**
Wash water flows into a pre-engineered ESD Round Sump. Water, grass clippings and sand are swooshed around into a slurry. A powerful pump then pushes the slurry to the Clipping Separator.
- B 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.
- C Clipping Cart**
The clipping cart 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.

- D Shallow Sump**
Below the Clipping Cart a Shallow Sump collects excess water where it is drained back to the Round Sump.
- E Solids Separator**
Wash water from the Clipping Separator flows through a series of baffles and then gravity feeds into the Biological Treatment System, or to the sanitary sewer (as per local requirements). Fine solids settle, and are drained on a regular basis, through valves in the bottom of the Solids Separator. The solids are then deposited into the Clipping Cart for disposal.

