



# Coarse Screening Container [CSC]

## Services to the Wastewater Industry

The Coarse Screening Container (CSC) is designed to remove crude debris from sludges, which are normally delivered to the unit by tanker, from WWTW diffuser or reception lagoons. Primarily the CSC is normally used in conjunction with a polymer pumping & dosing unit which delivers the screened product to a Dewatering or Sludge Thickening Container all of which make up part of the Dexter Watson Satellite Wet Waste Treatment Station.

The CSC works using a uniquely designed set of grids, which are adjustable in aperture to operation requirements, to capture debris; they can also be suspended quickly by use of an on-board winch if certain apertures are not required at various points in the process. Additionally, by suspending all the grids the CSC can be turned into a standard bulk holding tank or utilised as an oily water interceptor.

Once suitably filled the CSC can simply be emptied utilising a hook lift vehicle; during this process the filter grids simply swing open while tipping, making for an operator intervention free discharge process.



**Features:**

- **Unique multistage filtration system for versatility**
- **Customisable aperture settings on the internal filtration**
- **30m<sup>3</sup> volumetric capacity**
- **Hydraulically operated sealed rear door with prop stays & closure aid**
- **Integrated folding access ladder and top rails.**
- **Works stand alone or in conjunction with the Dewatering Container, Sludge Thickening Unit and Dosing Pump**
- **Built onto a Roll-on-Off hook lift chassis**
- **Minimal running and maintenance costs**
- **Built in fill level indication**



*Caring for the environment, by design...*





**Far Left:** Rear view of the CSC internals showing the swing filter grids in lift.

**Left:** The filter grids in position and ready for use.

**Right:** Retraction and installation of filter grids is quickly achieved by use of above mounted hand winches.



**Below:** for safety, access into the tank must be made via the rear door (insert with safety stay in place & showing closure aid)



## Technical Specifications

|                                | Transport  | Sited |
|--------------------------------|--|-------|
| <b>Length: mm</b>              | 6552   | 6552  |
| <b>Width: mm</b>               | 2450   | 2450  |
| <b>Height: mm</b>              | 2670   | 3775  |
| <b>Weight: kg (Tare)</b>       | 3500 (APPROX)  |       |
| <b>Capacity: m<sup>3</sup></b> | 30   |       |
| <b>Connections:</b>            | 1 x 4" decant valve<br>1 x 4" drain off valve<br>1 x 6" inlet valve<br>1 x 4" sump valve |       |



**Above:** CSC set up with Sludge Thickening Unit and Polymer Dosing Pump combined to make up a Portable Wet Waste Transfer Station on a customer site.

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