



# CONTINUOUS MEDIA SYSTEM (CMS)

Compact, efficient mechanical filtration system engineered for high suspended solids wastewater and wash bay effluents.

## OVERVIEW

Enviro Concepts Continuous Media System (CMS) filters are designed to be the primary filtration stage for high suspended solids wastewater and washbay effluents. With or without solids pre-settling, the CMS filter can efficiently remove up to 95% suspended solids from wastewater producing filtered wastewater that is relatively sediment free. The CMS is used as pre-treatment for Enviro Concepts Oil Water Separators, Deep Bed Media Filters and Membrane Separation Processes.

Efficient suspended solids reduction is achieved by filtering the wastewater through a 5-20 µm pore size CMS filter paper. A motorised conveyor supports and automatically advances the CMS filter paper for continuous automated filtering action.

## SPECIFICATION

Feed Water Source	High suspended solids wastewater and wash bay effluent
Flow Capacity	25 to 100 L/min
Dimensions	1190mm x 525mm x 1150mm
Dry Weight	Approx. 80kg
Power Requirements	240v (pump), 24v (conveyor drive)
Material of Construction	Stainless Steel
Media	CMS Filter paper (5-20 µm pore size)
Suspended Solids Reduction	up to 95%
Standard Features	CMS Filter Paper, Transfer Pump, Motorised Conveyor, Stainless Steel Lid, Catchment Tray

## APPLICATIONS

- Suspended Solids, Sand and Grit Removal
- Light and Heavy Vehicle Wash Facilities
- Energy Suppliers, Resource Industry
- Quarantine and Weed/Seed Hygiene
- Treatment for Industrial Wash Effluents
- Water Recycling Pre-Treatment
- Mechanical Workshops
- Storm and Ground Water Treatment
- Treatment for Mine Vehicles and Heavy Equipment Wash