

# ECOHOG®

## EH1500-SM1 Windshifter Standard Unit

The Ecohog Windshifter is an air separation unit that splits waste or organic material according to density. Based on the customer's needs and the application it will be used in, various models and auxiliaries are available. The beauty is that it's compact and can be standalone or nicely integrated with existing equipment.



### KEY FEATURES

- Compact
- Precision settings to suit application
- 99% separation efficiency depending on the material
- Protects other equipment in processing cycle e.g. shredders
- Low maintenance
- Low operational costs
- Low dust emission due to controlled and recirculated air flow

### SUITABLE FOR

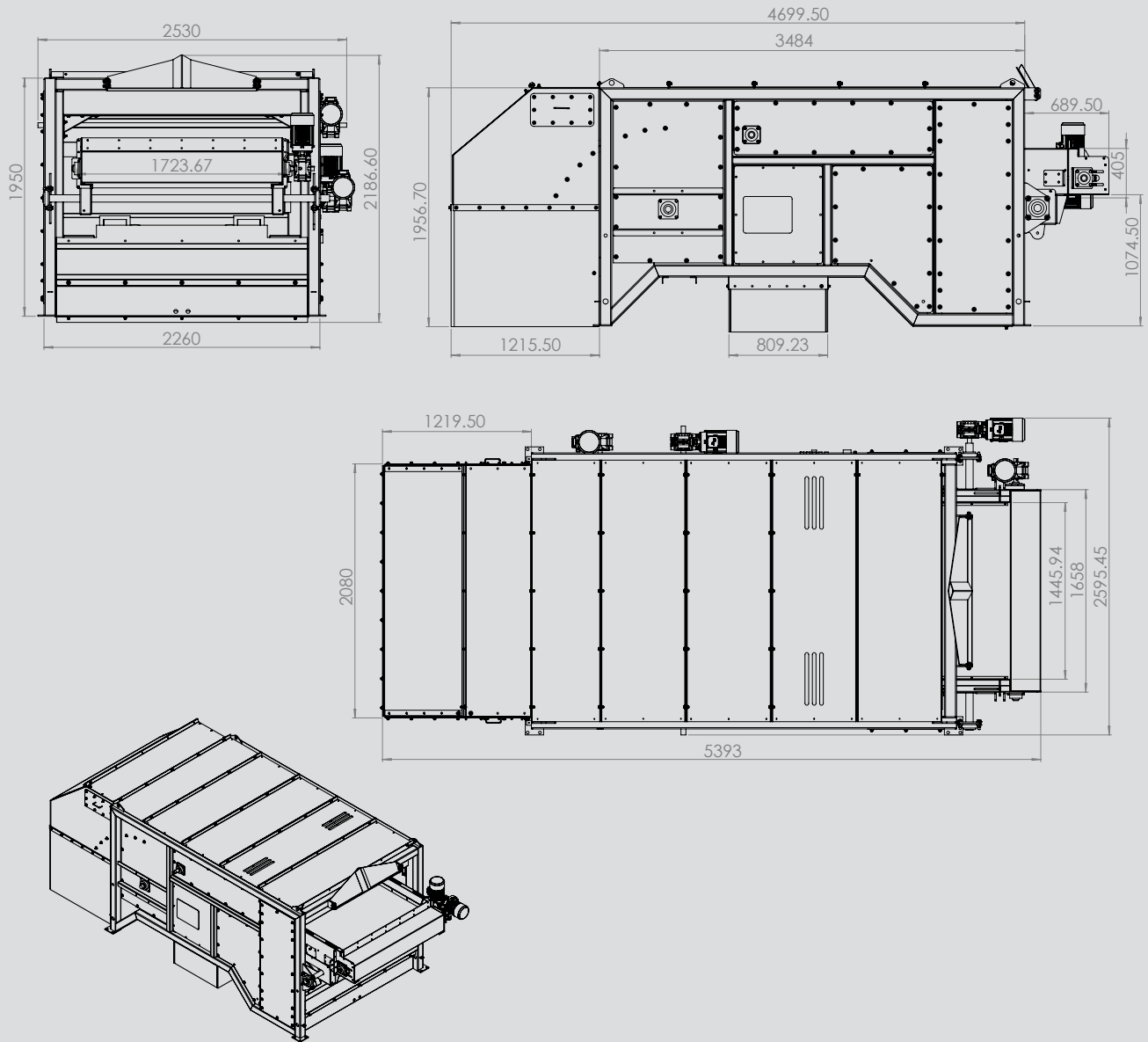
- Fixed / static applications
- Construction and Demolition Waste (C&D)
- Commercial and Industrial Waste (C&I)
- Electronic and Electrical Waste (WEEE)
- Bottom Ash
- Refuse Derived Fuel (SRF / RDF)
- MRF Glass Cleaning

**WHILST THE CORE ECOHOG UNIT IS STANDARDISED, EACH IS CUSTOM TAILORED TO ACCOMMODATE SPECIFIC PROCESS NEEDS AND REQUIREMENTS. AUXILIARIES ARE ALSO AVAILABLE AS REQUIRED.**



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# TECHNICAL DATA



## SPECIFICATION

### EH1500-SM1

Operating Weight | 8500kg  
Transport Length (5393mm)  
Transport Width (2596mm)  
Transport Height (2187mm)  
Max Operating Length (5393mm)  
Max Operating Width (2596mm)  
Max Operating Height (2187mm)

### Radial Blower Fans

Centrifugal medium pressure fans and straight blade impeller  
2x 7.5kW IP55 geared motors VSD  
Max Speed: 2900rpm  
Max Airflow: 0-3780 m<sup>3</sup>/h  
Sound pressure 87 dB (A)

### Accelerator Conveyor

1 x 4kW IP55 geared motor VSD  
Belt Length (2896mm)  
Belt Working Width (1500mm)

### Electrical

Manual start / stop of each motor  
Motor disconnect switches for maintenance  
Motor run and trip illumination on panel doors  
Complete with pre start siren and dual channel emergency stop circuit

### UL Certification

All products supplied by Ecohog will be built to the highest specification and control panels will be UL Approved for the USA and Canadian markets.

