



**BRIDGEMAN
ECOSYSTEMS**

bridgemanecosystems.ie



ProAir 1500
Density Separator

“Bespoke environmental processing equipment bringing together innovative design solutions coupled with precision engineering”

ProAir 1500

Bridgeman Ecosystems offers a range of bespoke environmental processing equipment which brings together innovative design solutions coupled with precision engineering. Our new ProAir 1500 is designed uniquely for the Processing, Conveying and Stockpiling of recyclable and

Aggregate type materials. It provides unsurpassed separation of plastic foils from oversized and contaminated particles. The patented Flexi Vent system allows for the extraction of four different products using pressure suction principles, magnet separation and a three-dimensional object

removal conveyor. Recovering valuable organic's, decontaminate overs and maximizing profit.

Flexi Vent processing hugely increases the quality of recyclable oversized particles and removes 95% of stones and inert material.



Key Features

- Flexi vent patented processing
- High level of flexibility & versatility
- A complete range of mobile set up operations
- Compatibility with existing screening machines
- Dependable removal of up to 95% of stones and inert items (depending on input material)
- The extraction of four different products
- Low energy cost
- Multi- function control options with both radio and pendant remote control
- Heavy duty tracks
- Reversing engine fan

Patented Flexi Vent Separating System



The ProAir 1500 employs a blowing fan to separate material at two transfer points one of which is equipped with a rotating divider to obtain the most efficient separation possible.

A dual Suction fan assembly supplied as standard on ProAir 1500 gives maximum removal of unwanted light contaminants such as foils, plastics etc.

ProAir's unique three-dimension object removal conveyor extracts the rolling fraction from the material being processed.



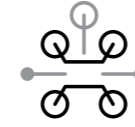
Flexile Configuration



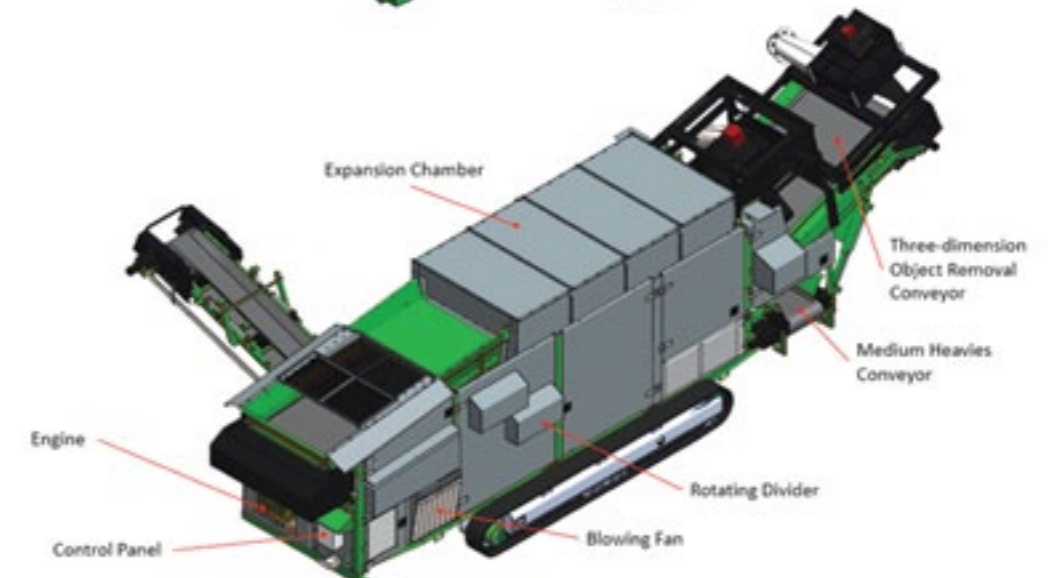
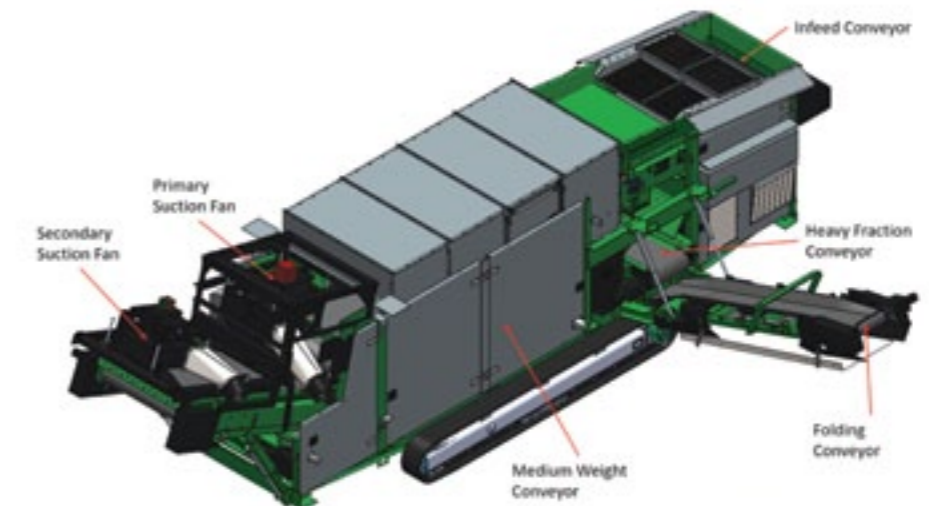
Maximum flexibility & adjustability is designed into the ProAir 1500 maximizing the on and off-site capabilities of the machine. Its Flexi Vent system allows one machine to process a wide variety of materials.



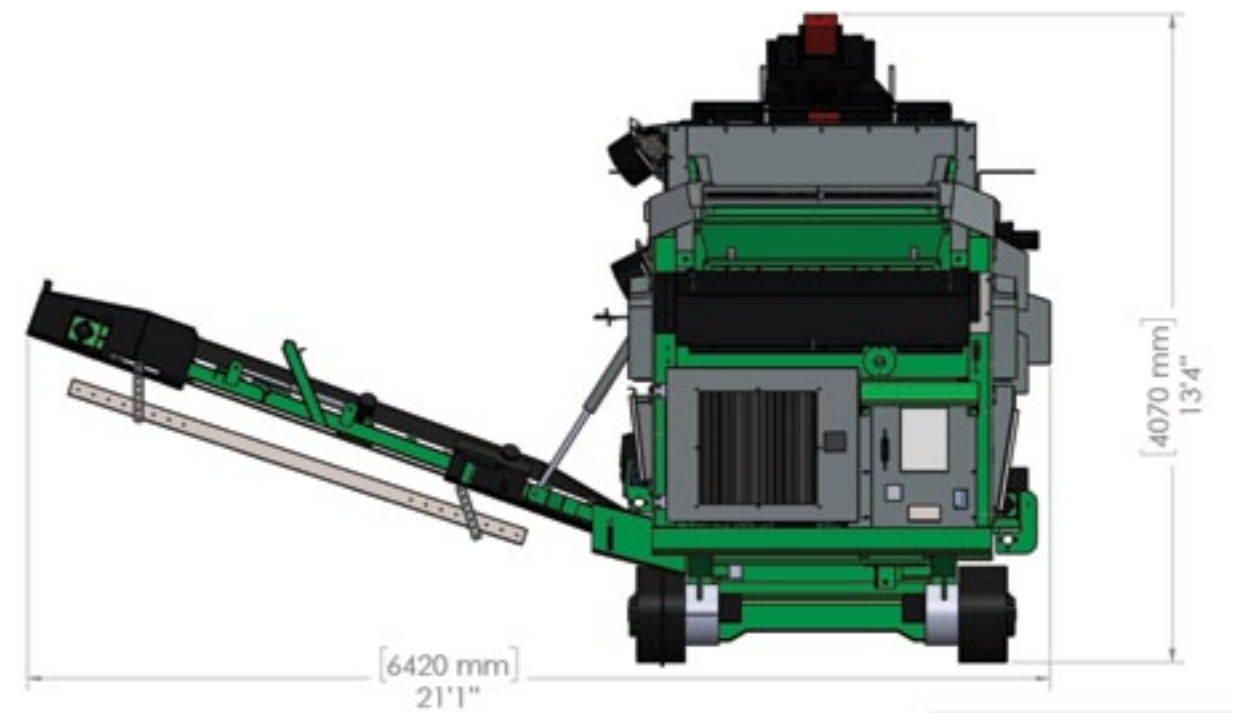
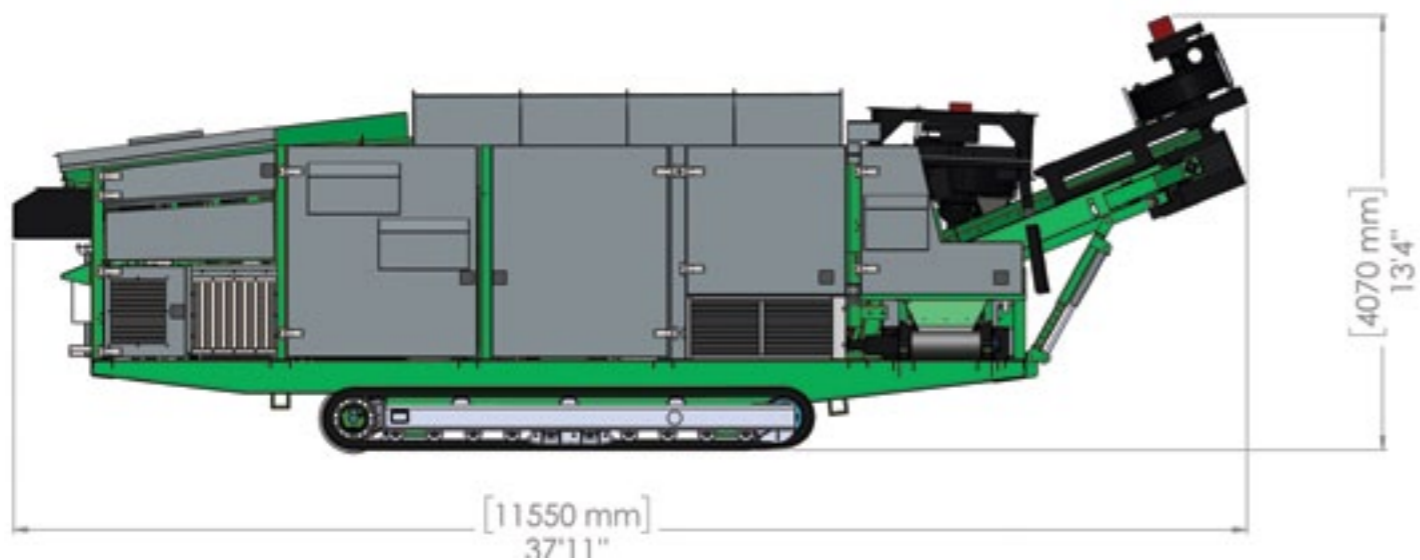
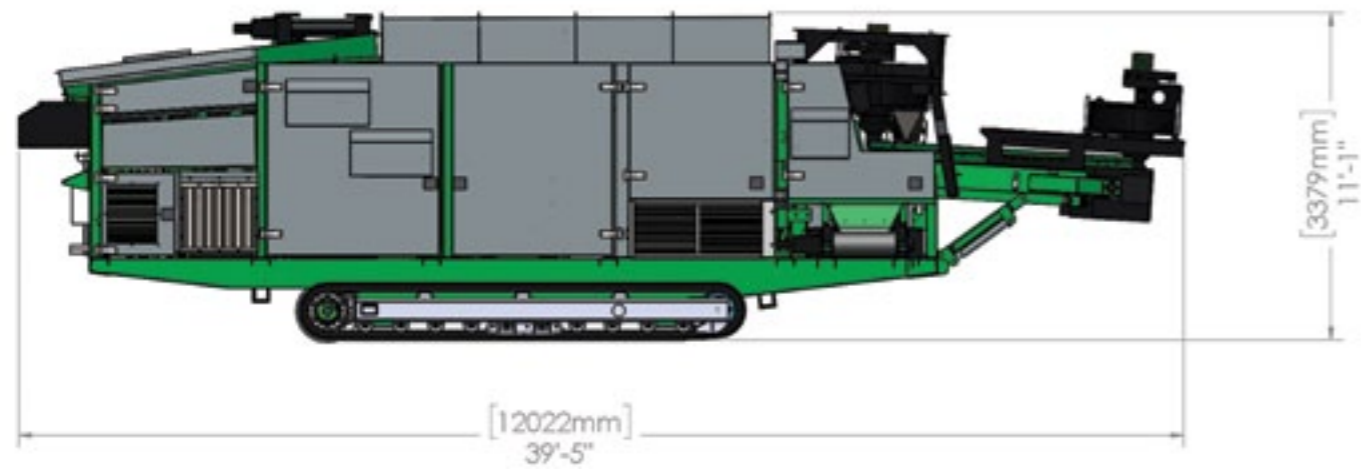
Multi-Function Control



The operator friendly control panel allows ease of processing. Ultimate adjustability through the variable speed conveyors can all be operated through this ergonomic panel. The Radio remote control supplied as standard with ProAir 1500 allows the operator to track the machine across the work site or run the machine remotely from the cab of the wheel loader keeping operational costs to a minimum.



ProAir 1500 Dimensions



Info chart

Engine Power (kW)	129
INFEED CONVEYOR	
Belt Width (mm)	1500
Loading Height (mm)	2770 max. 2580min.
HEAVY FRACTION DISCHARGE	
Design	Cleated Belt
Discharge Height (mm)	2155
DIMENSIONS L x W x H	
Transport Dimensions	12025 x 2875 x 3365
Working Dimensions	12025 x 6500 x 4070
Total Weight	17,000kg



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