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R-steryl

R-steryl is the **sorting center** used downstream the Ecosteryl.

This unique process in the world sorts decontaminated medical waste for recycling.



Disinfected medical waste.



Recovered medical waste (ready to be transformed into granules for the plastics industry).

66 Your waste becomes a recoverable material

Recoverable materials

When leaving the Ecosteryl, the decontaminated waste is unrecognizable and dry.

This material has the ideal characteristics for sorting.

R-steryl adapts to each customer: based on the waste to recover and market conditions.



Typically, the sorted decontaminated waste can be divided as follows:



- 60% as PP (Polypropylene) and PE (Polyethylene) which will be transformed into granules, used as raw materials for the plastics industry;



- 20% as light waste, used as refuse-derived fuel;



- 20%, the residual fraction, today not economically valuable, will follow the usual landfill process.

Technical data

Dimensions (L x W x H)	11.5 m x 3 m x 5.3 m
Maximum working height	6.5 m
Specific requirement	Connection to an existing Ecosteryl treatment machine
Type of process	Automatic and continuous process
Sorting type	Optical sorter and aeraulic system
Average power consumption	25 kWh
Staff required	1 person can operate 1 Ecosteryl and 1 R-Steryl
Installation, commissioning and training	On-site, by our team



Landfills are filling up rapidly all over the world. For our planet, it is necessary to innovate and offer a system paving the way to a 100% circular economy. The R-Steryl sorting center recovers nearly 80% of the waste.

Certifications



Contact: sales@ecosteryl.com

www.ecosteryl.com