



R-steryl

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

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



Disinfected medical waste.



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



Recoverable materials

When leaving the Ecosteryl, the disinfected 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 disinfected 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)	14 m x 3 m (+ 6 m conveyors) x 5.3 m
Maximum working height	6.5m
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	25kWh
Staff required	1 person can operate 1 Ecosteryl and 1 R-Steryl
Installation, commissioning and training	On-site, by our team

Certifications



Ordered by:



3D process video:



Presentation video:



Blog article:

