



R-PAR - High Intensity Separator

Low ferrous content metals sorting

- Exceptional recovery and purity levels
- Specially designed to recover stainless steel



RegulatorCetrisa

R-PAR - High Intensity Separator

Light iron metals such as stainless steel are difficult to separate because of their low magnetic properties or because they are mixed with larger non-iron materials. To solve this issue, REGULATOR-CETRISA developed the R-PAR High Intensity Separator, designed to efficiently separate, recycle, and recover these metals.

The physical principle of the operation of the high-intensity separator basis in the creation, at the output drum, of an intense magnetic field that acts on ferrous metals and also on slightly ferrous metals, such as stainless steel..



Joining a robust structure, precise belt alignment, and adaptable configurations, makes it suitable for various industries such as recycling, wood, plastics, and electronic waste.

Typical incomes



MSW



WEE



Wood



ELV



Glass



Plastic



Aggregates



Biomass

The R-PAR Technologies



MAGNETIC

The R-PAR features include



Greater magnetic Depth



Low consumption (KW)



Great strenght



Low Maintenance



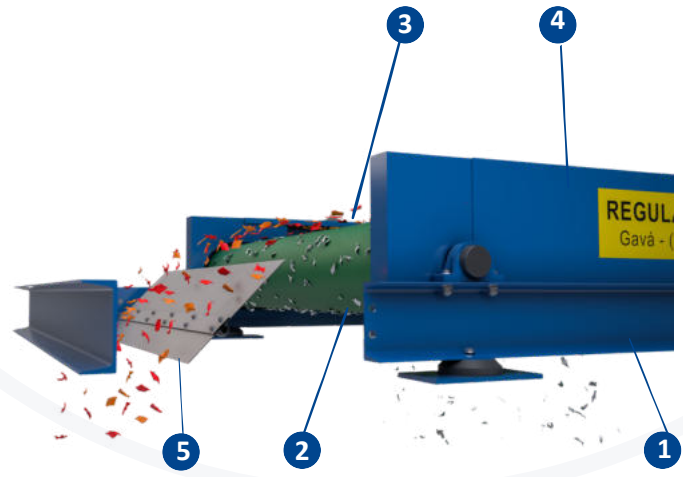
Stainless steel protection.



RegulatorCetrisa

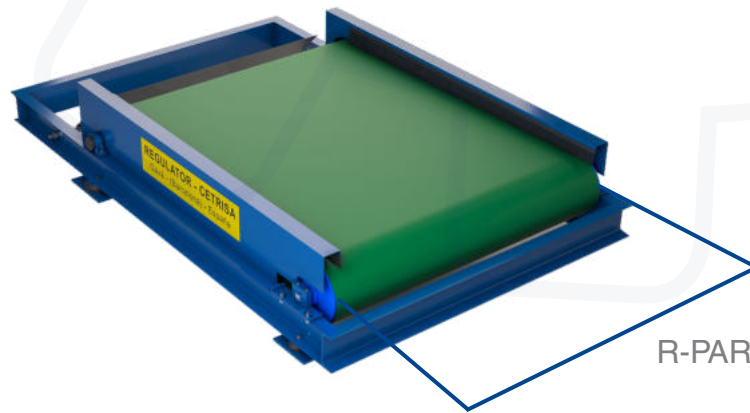
Operation scheme

1. Robust metal structure
2. Magnetic drum
3. Conveyor belt
4. Non-magnetic stainless steel table
5. Specially designed splitter



 Magnetic

Options



R-PAR-B up to 1000

R-PAR-SM up to 1800

Different Setups available

Equipment	MSW	WEE	Wood	ELV	Glass	Plastic	Aggregates	Biomass
R-PAR-B	X	X	X	X	X	X	X	X
R-PAR-SM	X	X	X	X	X	X	X	X

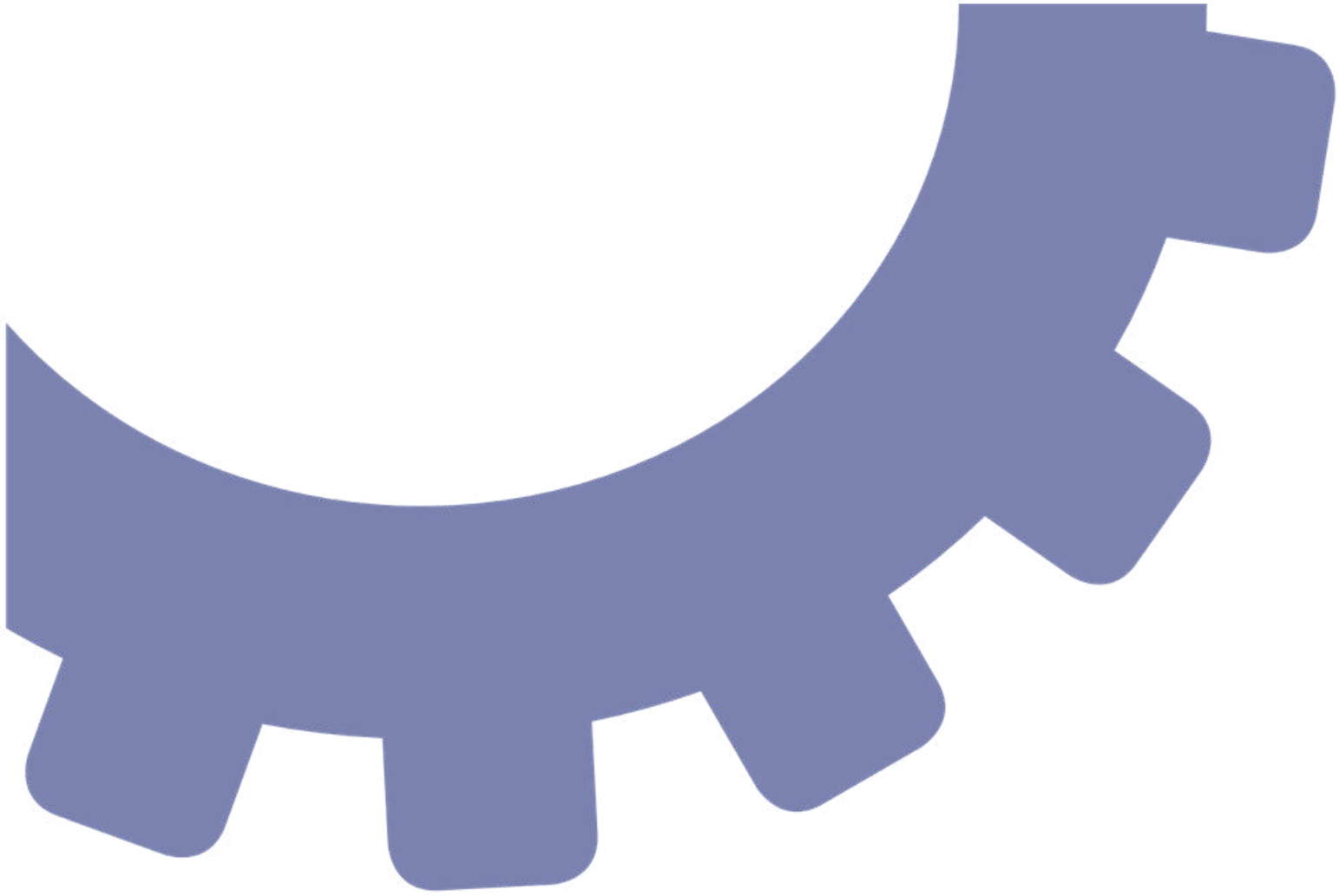
R-PAR-B: up to 1800 and R-PAR-SM up to 1000

 Coarse Fraction

 Fine Fraction

Optional equipment

- Vibrating feeder to obtain a better distribution and increase performance
- Cleaning brush



EQUIPMENT FOR SORTING METALS ferrous - non ferrous - stainless steel.



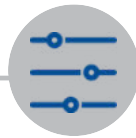
Metal sorting by composition.



High sorting precision



R&D



Best technology and systems



Recover metals from plastic, wood, glass, Aggregates MSW and Biomass.



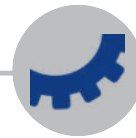
Test center in Barcelona



Easy installation and maintenance.



We grow up with you



Since 80's

