



R-SKM - Electromagnetic Overbelt

Ferrous Metals sorting

- Exceptional recovery for ferrous metals
- Low maintenance and energy consumption



RegulatorCetrisa

R-SKM - Electromagnetic Overbelt

The Electromagnetic Overbelt (R-SKM) works by generating a magnetic field through an electrically excited coil positioned between two magnetic poles. When activated, this field attracts iron materials as they pass through it, separating them from non-magnetic materials. The magnetic unit is integrated into a conveyor belt system equipped with cleats or locks that allow continuous removal of the captured iron. The Overband is installed above a conveyor carrying processed material and can be positioned either transversely or longitudinally, with the transversal setup allowing flexible placement along the conveyor.



Typical incomes



MSW



WEE



Wood



ELV



Glass



Plastic

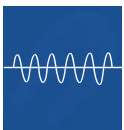


Aggregates



Biomass

The R-SKM Technologies



ELECTROMAGNETIC

The R-SKM features include



Greater magnetic Depth



Low consumption coil
(kW)



Great strength



Low Maintenance



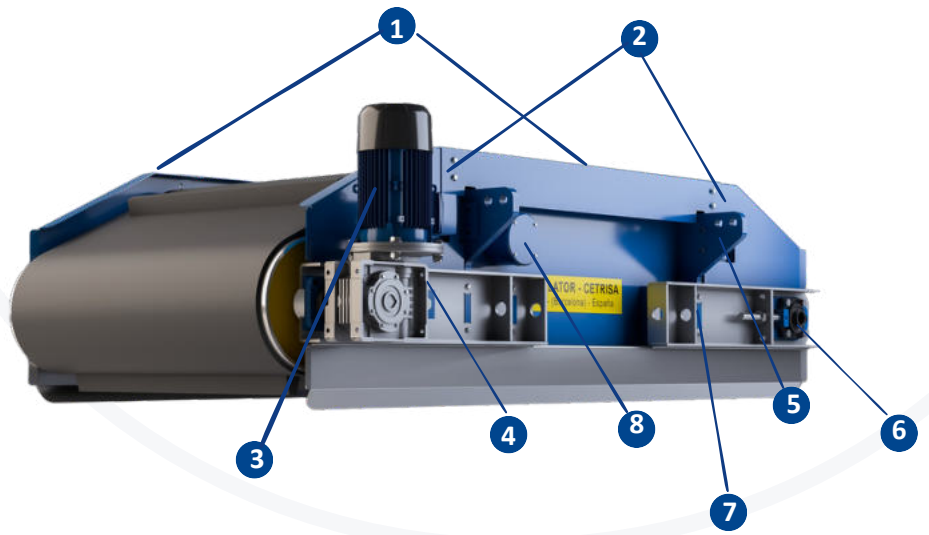
Stainless steel protection.



RegulatorCetrisa

Operation scheme

1. Upper protections
2. Rollers to center the belt
3. Gear motor
4. Driven drum
5. Holding ears
6. Idle drum
7. Idle drum tensor
8. Coil connexion box



 Electromagnetic

Options



Transversal position



Longitudinal position

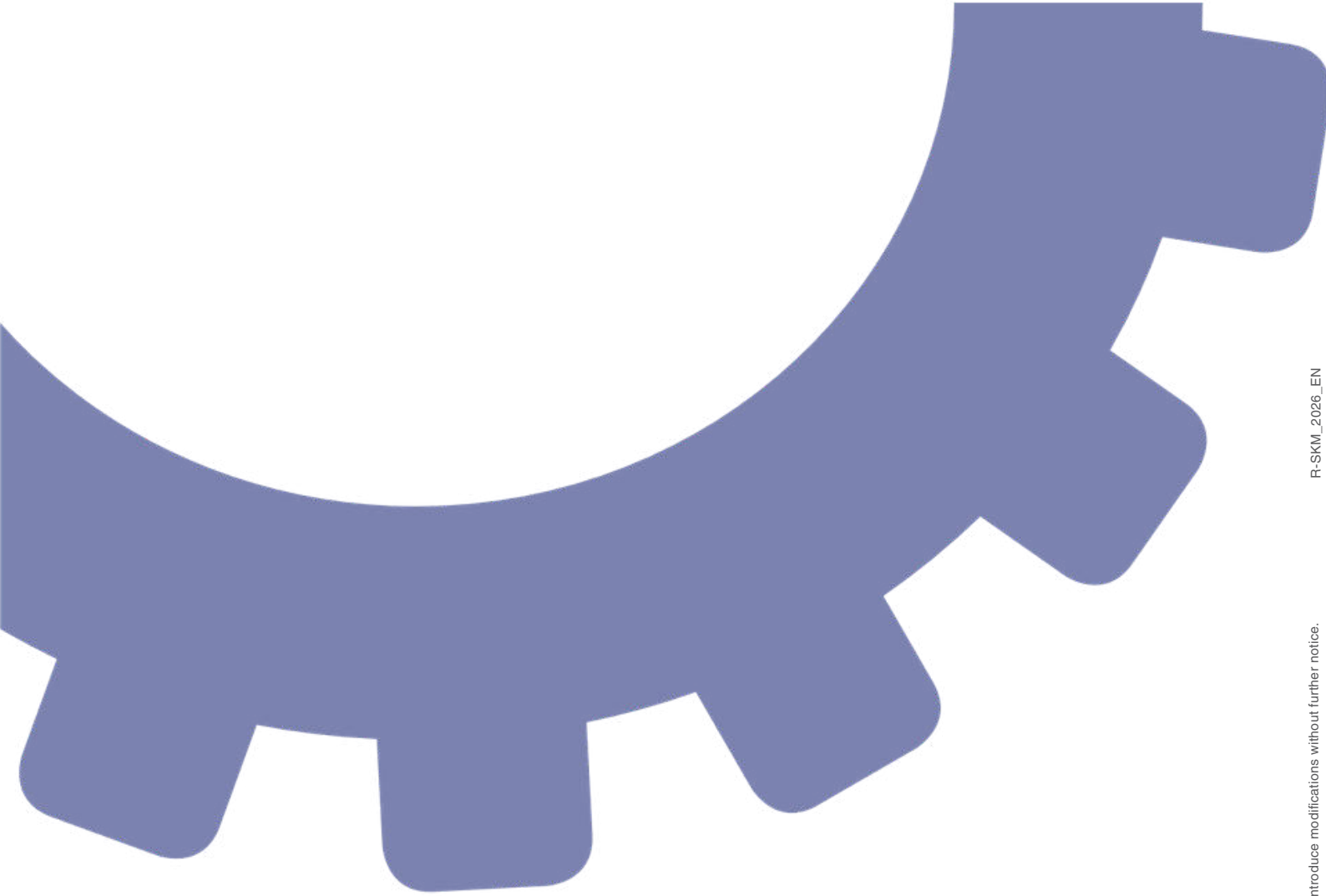
Equipment	MSW	WEE	Wood	ELV	Glass	Plastic	Aggregates	Biomass
R-SKM 8	X	X	X	X	X	X	X	X
R-SKM 9	X	X	X	X	X	X	X	X
R-SKM 10	X	X	X	X	X	X	X	X
R-SKM 12	X	X	X	X	X	X	X	X
R-SKM 14	X	X	X	X	X	X	X	X
R-SKM 16	X	X	X	X	X	X	X	X

Standard equipment

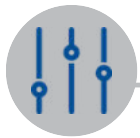
Control cabinet
 Installation and regulation kits
 Plug & play equipment

Optional equipment

Installation systems
 Maintenance special spare parts



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



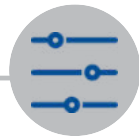
Metal sorting by composition.



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

