

SEPARATOR

SE

120

SE

200



**Highest purity
of end products**



Easy to operate



Dust free operation



**Absolute minimum
of wear parts**

SYSTEM
REDOMA[®]
SWEDEN

Leading Manufacturer of Cable Recycling Plants Worldwide.

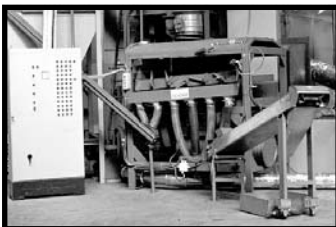


The Separator "Eagle" – separating the useful from the useless.

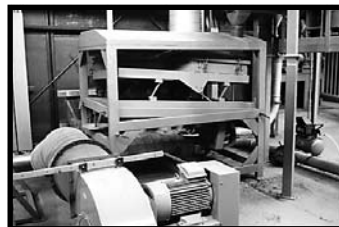
Technical Specification

MODEL.....	SE120	SE200
Length.....	2000	2600 mm
Width	1600	2200 mm
Height	2200	2300 mm
Screen area	1.2	2.0 m ²
Motor for eccentric drive	1.5	3.0 kW
Motor for blower	7.5	11 kW
Weight	1.2	1.7 t
Capacity for mixed copper cable .	1.8	2.7 t/h
Max. capacity (power cable)	3.4	5.0 t/h

With reservation for technical alterations.



With belt conveyor equipped with magnet pulley for Fe Separation.



With blower seen from behind



With surge bin and dust extraction system.



Surge bin with variable speed screw conveyor.



Separator SE120 and SE200 "EAGLE"

The Separator SE120 / SE200 ("EAGLE") forms the central part of a REDOMA 2000 cable recycling plant. It separates granulated cable into its two components: metal and insulation.

The separator employs the air sifting principle, i.e. separation is achieved by using the difference between the density and the size of the particles. The vertical air flow and the vibrating movement of the separating screen causes the granules to "float" partially and to move in different directions on the screen.

The right setting of the separator table for optimum result depends on the correct interaction between four variables, namely the eccentric speed, the air flow, as well as the longitudinal and transversal inclination. All variables can be adjusted during operation. The eccentric speed and the air streams are adjusted by potentiometers.

The separator deck, which is easily and quickly replaced, is covered with a stainless steel screen. Under-pressure in the air extraction hood warrants dustfree operation. Above

the deck an air deflector is installed in order to get a very high degree of purity of the metal, usually above 99.5%.

This machine cannot separate lead from copper. Special equipment for this purpose is available from SYSTEM REDOMA®.

Like the sharp eyes of an eagle, our separator discerns and discriminates the useful from the useless.

SYSTEM
REDOMA[®]
S W E D E N

For more information, please contact:

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