

SEPARATOR

SE
40



FALCON



**Highest purity
of end products**



Easy to operate



Dust free operation



**Absolute minimum
of wear parts**



**Very little maintenance
required**

SYSTEM
REDOMA[®]
SWEDEN

Leading Manufacturer of Cable Recycling Plants Worldwide.



Separator SE 40 as part of the POWERCAT cable recycling plant.

Technical Specification

Length.....	1500 mm
Width	1000 mm
Height	2150 mm
Screen area	40 dm ²
Floor space for separator and blower	1500 x 1800 mm
Motor for eccentric drive	0.55 kW
Motor for blower	3 kW
Weight	420 kg
Capacity.....	0.65 t/h
Max. capacity (power cable)	1.5 t/h

With reservation for technical alterations.



Separation deck with outlets.



Front side.



Rear side.



"From Cable to Cash."



Separator SE 40 "FALCON"

The Separator SE 40 ("FALCON") forms the central part of our POWERCAT cable recycling plant, separating the granulated cable into its components: metal and insulation. The mix (intermediate fraction) goes back in a loop for regranulation.

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.

Optimum separation result is achieved by the correct interaction between 4 variables, namely the eccentric speed, the air flow, the longitudinal inclination and the deflector. All variables can easily be adjusted during operation. The separator produces an exceptional purity of copper and aluminium, normally above 99.5%.

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.

The SE 40 is extremely reliable in operation - and requires very few spare parts and very little maintenance. This machine, however, cannot separate lead from copper, but special equipment for this purpose is also available from SYSTEM REDOMA®.

Like the sharp eyes of a falcon, this 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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