

Up to 6000 kg/h



SEPARATOR (SE)

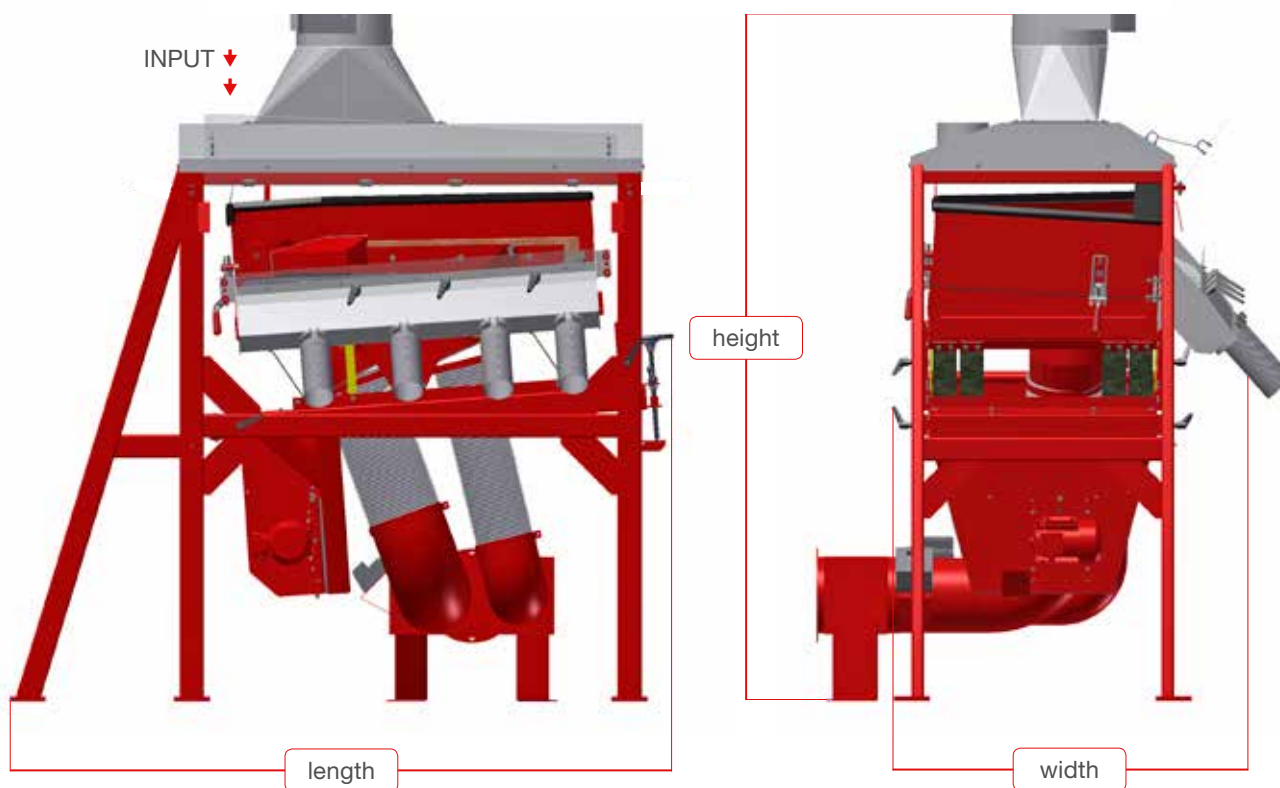
The separator forms the central part of a REDOMA cable recycling plant. It separates dry and granulated cable into its two components – metal and plastic – with high purity.

Optimum separation result is achieved by setting three variables, e.g. eccentric speed, air flow and inclinations of the separator table.

- Suitable for all types of dry cable
- Separates granules from both copper and aluminium cables
- Even material flow guarantees maximum purity of the end products
- Minimum of movable parts in the machine
- Requires very few spare parts and very little maintenance
- Eccentric speed and air valves are remote controlled by potentiometers
- Air flow is controlled by three or four valves, respectively
- Blower with air intake filter
- Replaceable separator deck with stainless steel screen
- Copper and aluminium purity minimum 99.5%



Separators



Technical Specifications Main machine	Separator SE25	Separator SE40	Separator SE60	Separator SE120	Separator SE200	Dimensions Units (EN)
Screen area	0.25	0.40	0.60	1.2	2.0	m ²
Motor for eccentric drive	0.55	0.55	0.75	1.5	3.0	kW
Motor for blower	1.5	3.0	4.0	7.5	11.0	kW
No. of Air valves	3	3	3	4	4	pcs
Air amount, maximum	1400	2200	3300	6600	11.000	m ³ /h
No. of Material outlets	3	4	4	6	6	pcs
Length	1500	1520	1680	2210	2760	mm
Width	1080	950	1180	1590	1810	mm
Height	1870	1960	1930	2090	2150	mm
Weight, approx.	300	400	750	1200	1700	kg
Max. capacity for mixed Cu cable (*)	350	650	950	2000	3000	kg/h
Max. capacity for power cable (**)	700	1300	1900	4000	6000	kg/h
Copper and aluminium purity, minimum	99.5	99.5	99.5	99.5	99.5	%
Installed in Redoma plant	Thunderhawk	Powercat	Firefox	Firefox Turbo	Firefox Special	

*) Max. infeed capacity is based on mixed cable with a copper content of 40%.

**) Max. infeed capacity is based on power cable with a copper content of minimum 70%.

