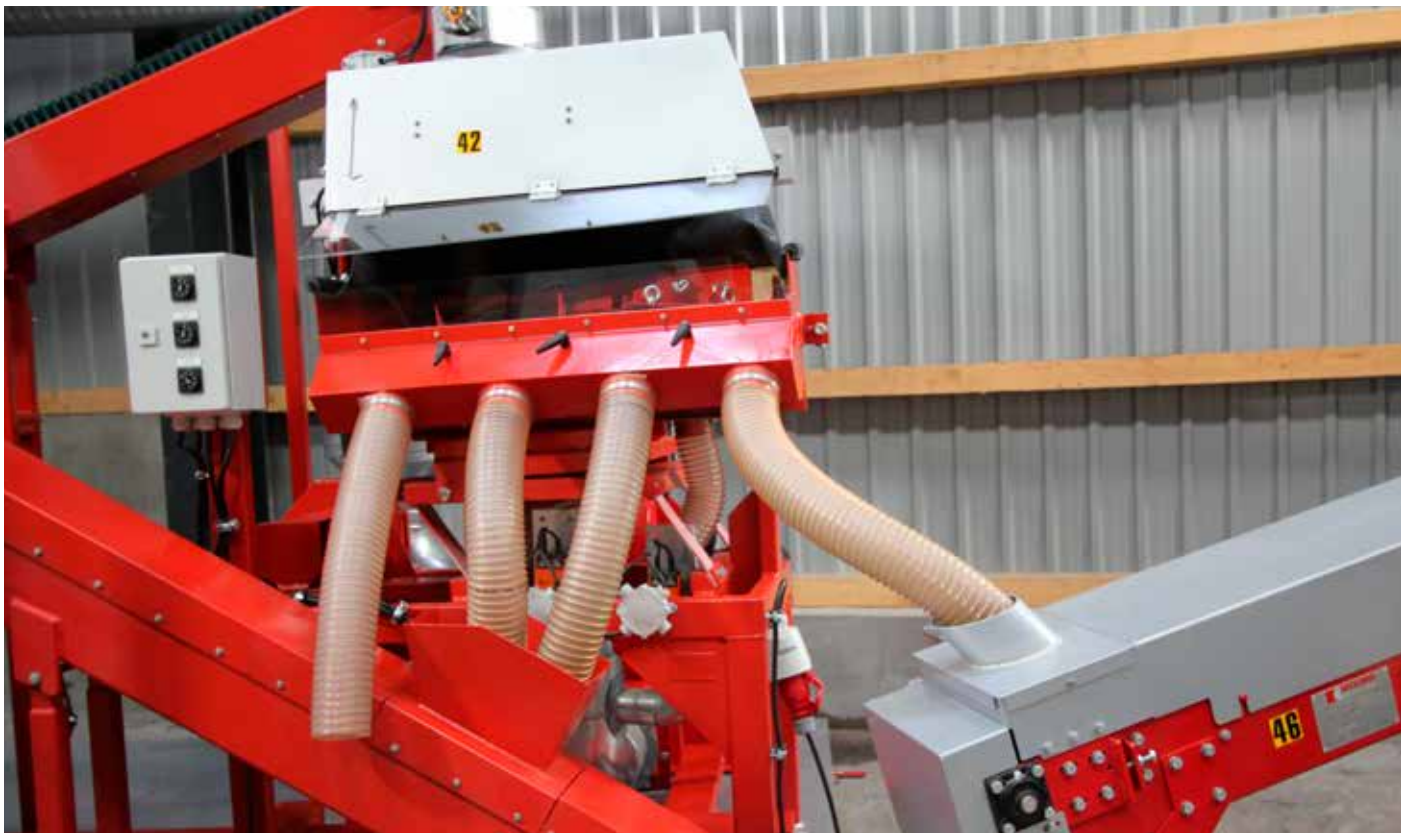


Up to 1300 kg/h

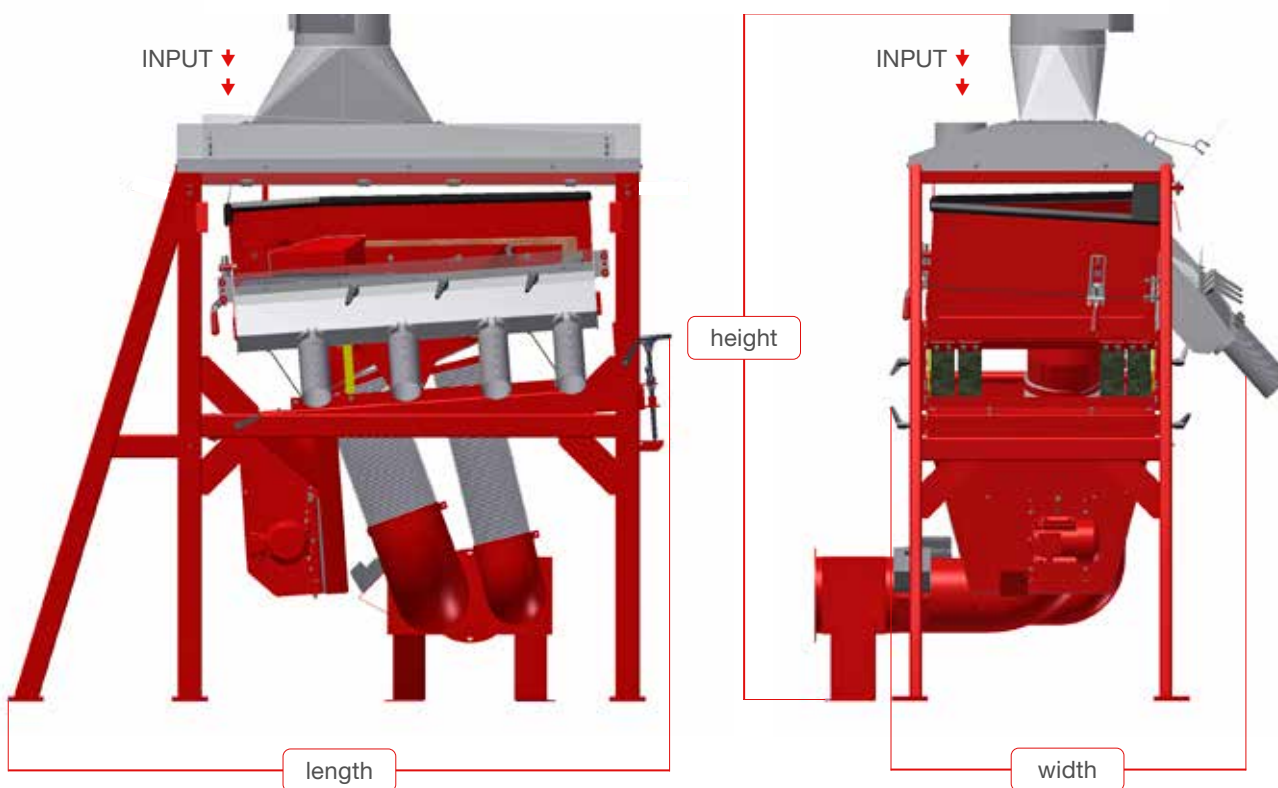


## SEPARATOR (SE)

The Separator forms the central part of a REDOMA cable recycling plant. The REDOMA Separators have several outlets, separating the granulated cable into metal, insulation, and an intermediate fraction containing granules with insulation still sticking to the copper wire. This middling fraction is continuously fed back for re-granulation guaranteeing a maximum metal purity and a minimal loss of copper in the plastic fraction. Optimum separation result is achieved by setting 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 valves
- Blower with air intake filter
- Replaceable separator deck with stainless steel screen
- Metal purity minimum 99.5%

# Separators



Technical Specifications Main machine	Separator SE25	Separator SE40	Separator SE60	Dimensions Units (EN)
Screen area	0.25	0.40	0.60	m <sup>2</sup>
Motor for eccentric drive	0.55	0.55	0.75	kW
Motor for blower	1.5	3.0	4.0	kW
Air valves	3	3	3	pcs
Air amount, maximum	1400	2200	3300	m <sup>3</sup> /h
Material outlets	3	4	4	pcs
Length	1500	1520	1680	mm
Width	1080	950	1180	mm
Height	1870	1960	1930	mm
Weight, approx.	300	400	750	kg
Max. capacity (*)	500	950	1300	kg/h
Copper and aluminium purity, minimum	99.5	99.5	99.5	%

\*) Based on cable with copper content of 50-60%

