

Up to 1300 kg/h



SCREENING MACHINE (SM)

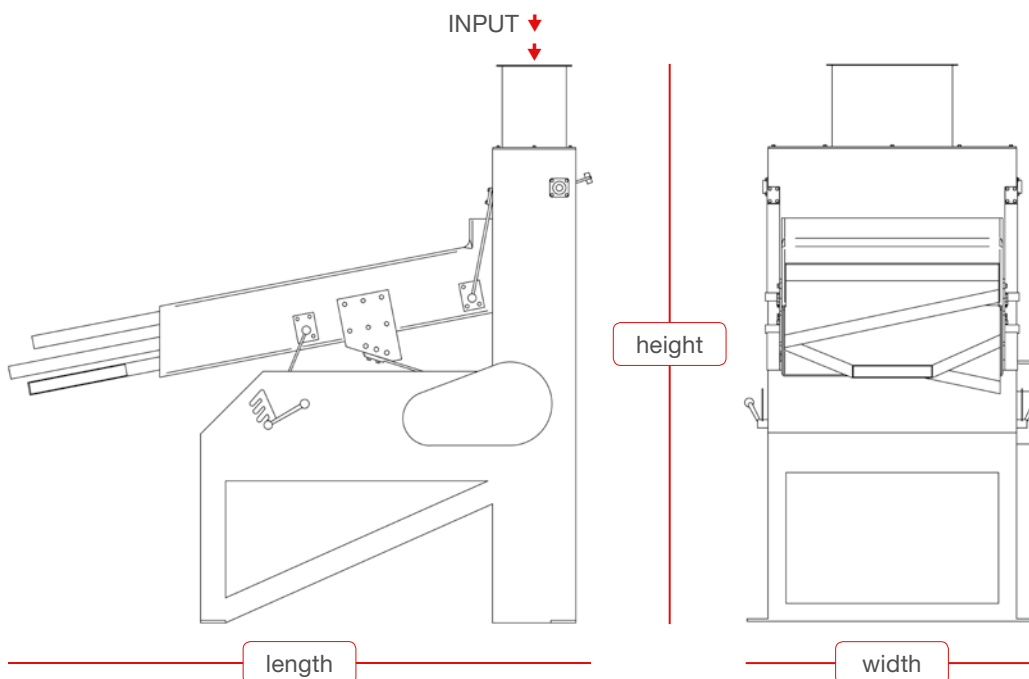
The screening machine is used for recovery of small copper and aluminium particles - so called fines - from the insulation of granulated and separated cable. It is always installed as an additional unit, including transport equipment, after a REDOMA separator.

The material is classified according to particle size on vibrating screens with slots. The output consists of three fractions:

- Coarse fraction – insulation free from fines
 - Middle fraction – insulation containing some fines
 - Fine fraction – fines
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- Low operating costs
 - Minimum maintenance
 - Minimum manpower required
 - Profitable investment – short payback time
 - Replaceable screen with slots of different dimensions
 - Rubber balls clean the screens continuously
 - Recovery rate of fines from 60 to 80%; typically for mixed copper cable: approx. 70%.



Screening Machine



Technical Specifications	SM200	SM320	SM480	SM840	Dimensions Units (EN)
Screen area	1.92	3.2	4.8	8.4	m ²
Screening decks	2	2	2	3	pcs
Coarse screens (top)	2	2	2	1	pcs
Intermediate screens	-	-	-	3	pcs
Fine screens (bottom)	2	2	2	3	pcs
Rubber balls	192	288	480	840	pcs
Material outlet	3	3	3	6	pcs
Motor for eccentric drive	0.75	0.75	1.5	1.5	kW
Length	2680	2700	2680	3150	mm
Width	950	1400	1920	2030	mm
Height	2270	2620	2800	2470	mm
Weight	540	710	1180	1315	kg
Max. capacity (*)	300	400	600	1300	kg/h
Installed in Redoma plant	Thunderhawk	Powercat	Firefox	Firefox Turbo	

*) Insulation of granulated and separated cable.

