

We find the non-ferrous metals you seek

Eddy Current Separator NES - providing the mechanical recovery that is the economic basis of all recycling

Eddy Current Separators

Our eccentric pole system produces the cleanest non-ferrous metals with high recovery rates even for smallest particles

The patented Steinert Eddy Current Separator NES, featuring an its eccentric pole system, is the ideal tool for the job – for more than 20 years! High yield and long service life are the benefits that ensure efficient and long-term operating results.

Overview

Function: Ejection of non-ferrous metals
Grain size: 1 – 200mm
Throughput: 40m³/h*m
(* depending on the respective conditions)

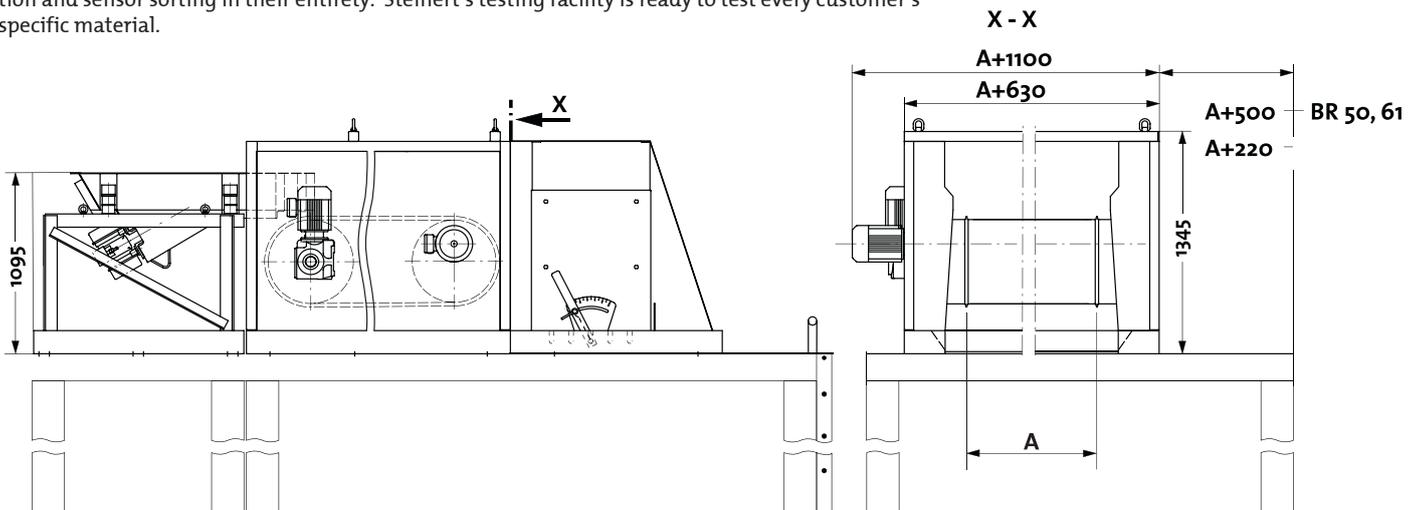
Applications

Aluminium recycling, shredder material, municipal waste, slag, foundry sand, glass, electronic scrap (WEEE), wood chips, batteries.

Technology

A non-ferrous metal separator consists of a short conveyor. A rapidly rotating system of permanent magnets is incorporated in the head drum. The magnets generate strong eddy currents in the non-ferrous metal parts which eject the NF parts from the rest of the material flow. The special feature of Steinert's non-ferrous metal separator is the eccentric pole system. The pole system is adjustable, so that the application of force can be optimally adjusted for maximum ejection efficiency. The eccentric pole system can increase the metal yield by 50%. The service life of the belt and drum shell is considerably lengthened.

Steinert's team of skilled technicians and engineers possess years of experience and enormous talent. Steinert is the only manufacturer of sorting technology working on both magnetic separation and sensor sorting in their entirety. Steinert's testing facility is ready to test every customer's specific material.



Approx. dimensions in mm.

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Type A	Series BR	Working width A
mm/inch		
NES...50	50/61	500/20
NES...75	50/61	750/30
NES...100	50/61	1000/40
NES...125	50/61	1250/50
NES...150	50/61	1500/60
NES...200	50	2000/80

