

ADVANTAGES

Compared with conventional eddy current separators

Unique design

- No material loss due to air resistance

Maximum purity

- Separation of the grain spectrum in the ultra-fine range

Easy maintenance

- Side access option
- Easy belt replacement
- Convenient adjustment options

Stand-alone solution

- In combination with feed and conveyor technology

OPERATING PRINCIPLE

- Generation of high-frequency alternating magnetic fields that trigger eddy currents in conductive non-ferrous metals
- Force impulse ensures targeted deflection of the non-ferrous parts from the material flow
- Unique lateral deflection of the particles by an eddy current barrier
- Minimises influences caused by air flows that occur with straight output
- Enables maximum material purity and separation of the smallest particles, including dust

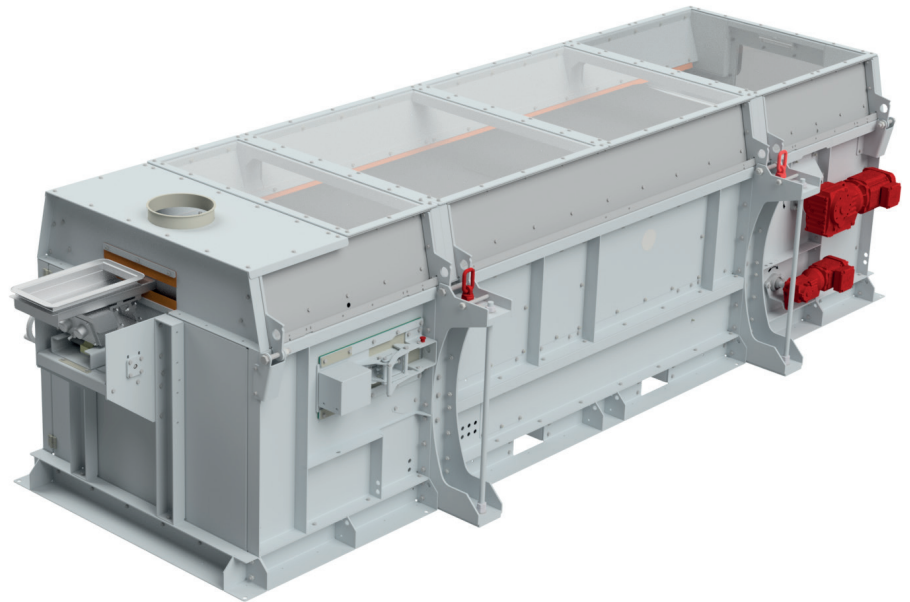
APPLICATION

Process

- Downstream of the separating table for fine processing
- As a stand-alone solution for post-cleaning

Industries

- Electronical waste
- Electrical cables
- ASR automotive shredder residues
- Cans
- Metal chips
- Batteryrecycling



TECHNICAL SPECIFICATIONS

Grain size	0.1-10 mm
Throughput	up to 300 kg/h
Working width	200 mm
Centre distance	3100 mm
Width conveyor belt	900 mm
Drive conveyor belt	1,5 kW manufactured by SEW 230/400 Volt, 50 Hz, IP55
Speed conveyor belt	bis zu 2,0 m/s, electronically adjustable
Drive conveyor belt cleaning	0,37 kW manufactured by SEW 230/400 Volt, 50 Hz, IP55
Magnet system	Adjustable speed
Drive magnetic drum	5,5 kW manufactured by SEW 230/400 Volt, 50 Hz, IP55
Feed	via vibrating channel
Drive unit vibrating channel	230 V, 50 Hz magnetic rocker, 2x 0,07 kW
Control	also available with its own switch cabinet
Weight	2.600 kg
Measurements	L 4,440 mm x B 1,390mm x H 1,325 mm