

NEW!
2000 mm wide VIS
now available

Your fines ASR might be richer in metals than you think!

On wet or damp shredders with no aspiration, the fines ASR fraction (<12 mm or <20 mm) typically represents between 35% and 50% in weight of your total ASR with a non-ferrous metal content that typically varies between 3% and 8%.

The SGM high frequency ECS is designed to recover non-ferrous metals down to 1 mm in size and offers outstanding non-ferrous metal **recovery** performance with a **concentration** over 95%.



Waste of high frequency ECS



NF-Metals recovered by high frequency ECS



Concentric magnetic rotor for maximum magnetic energy and direct drive for a very high frequency (from 3000 to 4000 rpm).



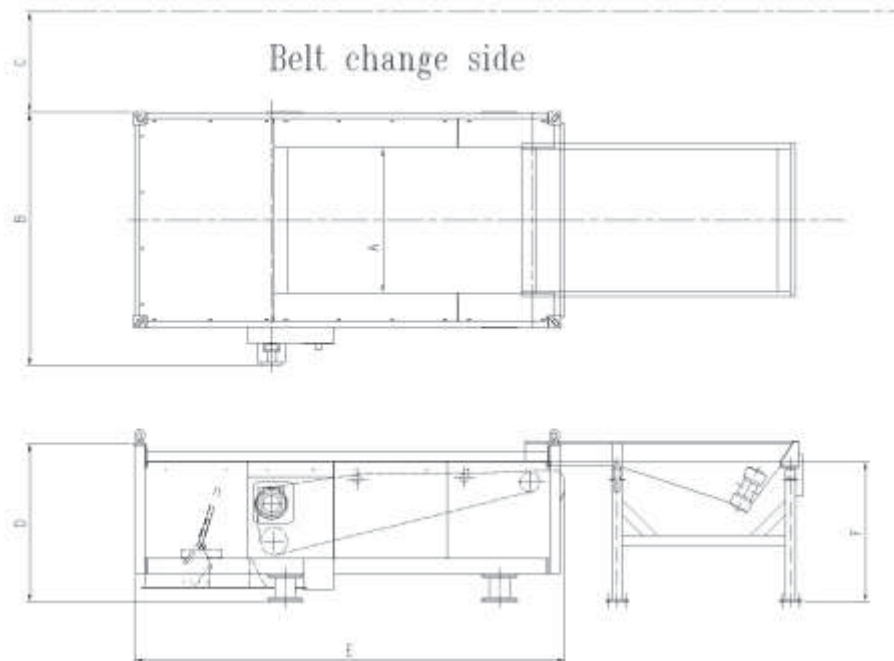
SGM recommends to use specific ferrous separation processes before the high frequency separator in order to improve the non-ferrous metal recovery yield on the high frequency ECS and better protect it against ferrous damage exposure.

TECHNICAL SPECIFICATIONS

ECS model VIS



High Frequency Eddy for
Non-Fe Fines ASR



*Indicative drawing.
For installation, please ask
for specific detail drawing.*

Dim.	VIS 100	VIS 150	VIS 200
A	930 mm	1420 mm	1940 mm
B	1980 mm	2490 mm	3175 mm
C	1500 mm	2010 mm	2794 mm
D	1550 mm	1550 mm	1626 mm
E	4215 mm	4215 mm	4813 mm
F	1385 mm	1385 mm	1855 mm

Fines fraction < 12 mm

Medium fraction 12 - 25.4 mm

Model	RPM	Adjustable belt speed	Capacity (*)
VIS 100	4000	0.6 - 2.1 m/sec.	6 t/h
VIS 150	4000	1.0 - 3.0 m/sec.	10 t/h
VIS 200	4000	1.0 - 3.0 m/sec.	13 t/h

Model	RPM	Adjustable belt speed	Capacity (*)
VIS 100	3000	0.6 - 2.1 m/sec.	8 t/h
VIS 150	3000	1.0 - 3.0 m/sec.	13 t/h
VIS 200	3000	1.0 - 3.0 m/sec.	17 t/h

(*) Capacity on fines density 640 kg/m³

Special features

- Rotor direct drive
- VFD for both rotor and belt
- Stainless steel sleeve protection on rotor
- Electronic emergency fast braking system (no clamping)
- Option: brush cleaning system or air knife behind tail pulley for automatic belt cleaning
- Option: air knife on splitter