

MAGNETIC TECHNOLOGY

EDDY CURRENT SEPARATOR

Model SIS

TECHNICAL SPECIFICATIONS

Designed with a large concentric rotor for maximum exposure of material to magnetic field. Concentric rotor design allows for the use of large permanent magnet blocks and for disposing of maximum magnetic energy.

This, combined with high speed rotor (up to 3,000 rpm), provides superior metal recovery and purity performance.

PRODUCT HIGHLIGHTS

- Latest generation of performing neodymium permanent magnets.
- Stainless steel sleeve protection mounted on rotor for maximum safety protection against high speed centrifugal forces.
- Designed for easy access to the inside of the ECS for easy maintenance.

- Electronic emergency fast braking system (no clamping).
- Extremely robust structure for longstanding heavy industrial use.

OPTIONAL FEATURES

- Ferrous drum magnet model TMP mounted on the front of the ECS for ferrous recovery and rotor protection.
- Roller splitter
- Brush cleaning system for belt
- Air knife for splitter and belt cleaning
- Automatic or manual splitter adjustment
- Ceramic shell for fiberglass drum
- Vibrating feeder

MODEL mm - ft	RPM	NUMBER OF POLES	ADJUSTABLE BELT SPEED	CAPACITY (*)	MAGNETIC FREQUENCY	LENGTH	WIDTH	HEIGHT	WEIGHT
SIS 100 40	3000	24	1-3 m/s 3-10 ft/s	5-8 t/h	600 Hz	5190 mm 204"	2090 mm 82"	2825 mm 111"	4,500 Kg 9,920 lbs
SIS 150 60	3000	24	1-3 m/s 3-10 ft/s	8-12 t/h	600 Hz	5190 mm 204"	2591 mm 102"	2825 mm 111"	5,000 Kg 11,023 lbs
SIS 200 80	2400	24	1-3 m/s 3-10 ft/s	12-20 t/h	480 Hz	5190 mm 204"	3180 mm 125"	2825 mm 111"	6,000 Kg 13,227 lbs

(*) Depending on application, material specific weight and metal content in material

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TYPICAL APPLICATIONS

Auto Shredder Residue (ASR)
Wood waste
Municipal solid waste incinerator ash (IBA)
for large size material from 20mm - 3/4" to 130mm - 5"
Upgrade of aluminum scrap

