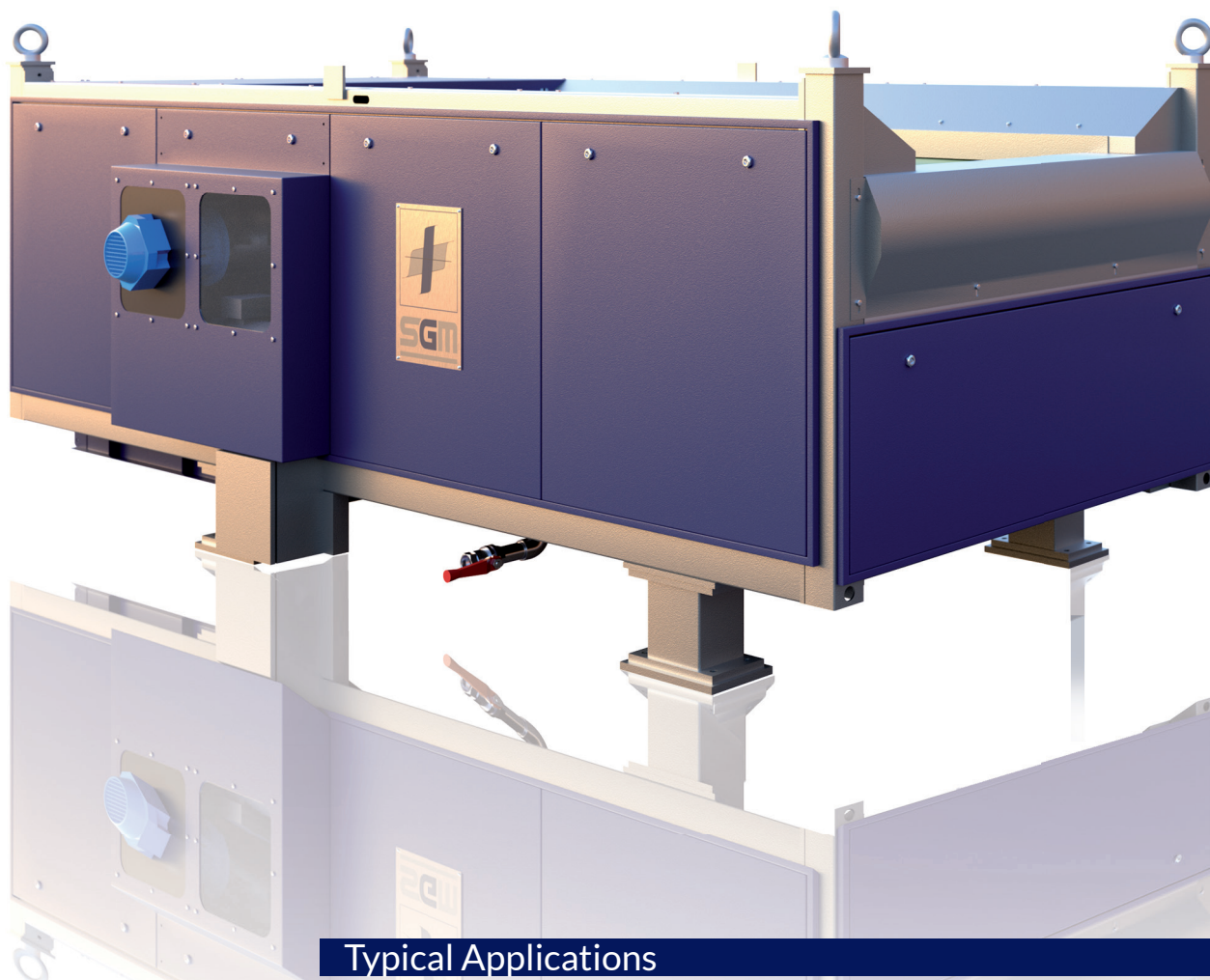


Ultra Frequency Eddy Current Separator

Model TVIS - The "Titanium" ECS

The quantity of high frequency ECS supplied by SGM is likely a multiple of the ones supplied by every other manufacturer put together!



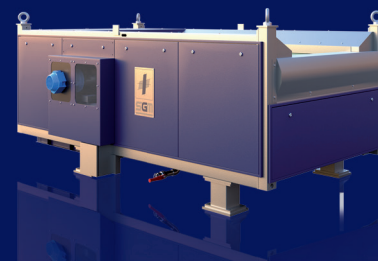
Typical Applications

- Municipal solid waste incinerator ash (IBA)
- Auto Shredder residue (ASR)
- Waste of electrical and electronic equipment (WEEE)
- Extra fines light metals < 1/8" down to 0"
- Ideal for performing an instantaneous separation on ultra-fines light metals with rotor spinning at 6.000 rpm



High Frequency Eddy current Separator Model TVIS - The "Titanium" ECS

The quantity of high frequency ECS supplied by SGM is likely a multiple of the ones supplied by every other manufacturer put together!



Technical Specifications

Designed with a concentric rotor provided with a special titanium protection sleeve to contain the exceptional centrifugal forces submitted to the permanent magnet blocs when rotor spins at 6.000 rpm.

Ideal for performing an **instantaneous** separation on ultra-fines light metals.

The use of a ferrous separation before passing on the high frequency ECS is recommended in order to optimize the non-ferrous metal recovery and protect the ECS against ferrous damage exposure.

Technical Specifications

- Brush cleaning system for belt
- Automatic or manual splitter adjustment
- Ceramic shell for fiber glass drum
- Automatic or manual splitter adjustment
- Vibrating feeder

MODEL	RPM	NUMBER OF POLES	CAPACITY (*)	ADJUSTABLE BELT SPEED	MAGNETIC FREQUENCY
TVIS 100	6000	18	2-3 t/h	2 - 6 ft/sec	900 Hz

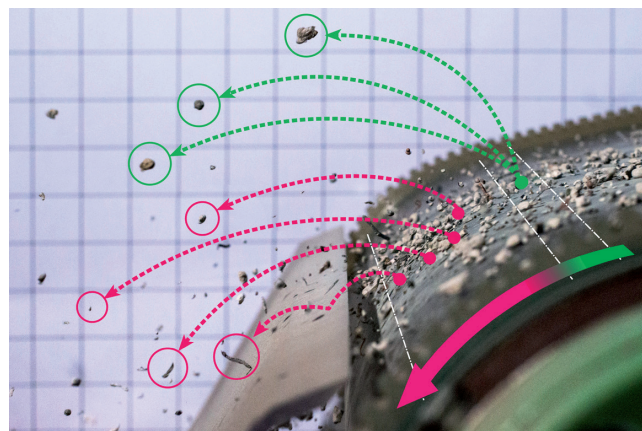
MODEL	LENGTH	WIDTH	HEIGHT	WEIGHT
TVIS 100	166"	78"	61"	4,850 lbs

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

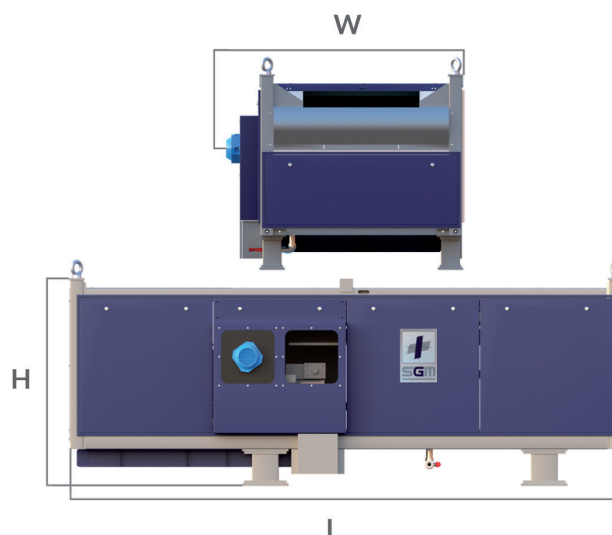
Not every piece of non-ferrous metals jump instantaneously on an ECS, some require more time. Concentric rotor design allows for **progressive** separation versus eccentric rotor design that only allows **instantaneous** separation.

Product Highlights

- Latest generation of performing neodymium permanent magnets
- Enclosed designed and suction accommodation for dusty material
- Electronic emergency fast breaking system (no clamping)
- Designed for easy access to the inside of the ECS and for easy maintenance



NOT EVERY PIECE OF NON-FERROUS METALS JUMP INSTANTANEOUSLY ON AN ECS, SOME REQUIRE MORE TIME. CONCENTRIC ROTOR DESIGN ALLOWS FOR **PROGRESSIVE** SEPARATION VERSUS ECCENTRIC ROTOR DESIGN THAT ONLY ALLOWS **INSTANTANEOUS** SEPARATION.



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