

Electro Magnetic Drums

Attain maximum recovery and a high quality ferrous product from shredded scrap, IBA, municipal waste and slag processing



For the most demanding applications, where continuous large volumes of coarse, sharp edged, heavy weight iron and steel needs to be separated from other materials, high performance equipment is required, robust and durable! Trust Bunting's long standing record of satisfied customers.

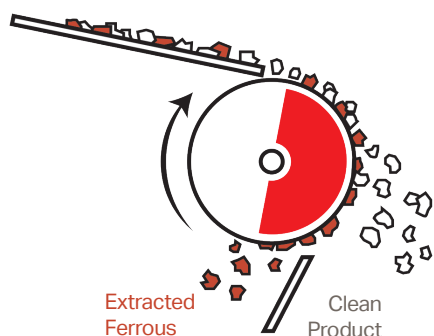
Electro Magnetic Drums

Inhouse developed coil design software paired with engineering and decades of onsite experience provide all essentials for guaranteed maximised deep field magnetic force. Sophisticated coils integrated in a durable, long lasting mechanical assembly create the state-of-the-art Electro Magnetic Drum.

Technical Specification

Continuous radial poles for maximum ferrous recovery

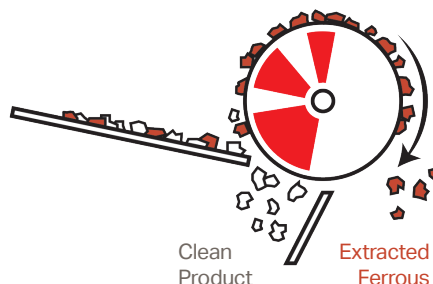
MODEL: SED



- Core wound with anodised aluminium foil
- Parallel coil arrangement
- Continuous radial polarity maximises force

Alternating poles for maximum ferrous purity

MODEL: FED



- Steel core wound with NOMEX covered Al-wire
- Single main and auxiliary coils stretching the full width
- Alternating coil polarity frees entrapped non ferrous

Shared Features

- The drum consists of a double layered manganese steel shell where the inner shell is 8mm thick and the outer shell consists of 8mm thick bolted wear plates with stainless steel wiper bars for ease of maintenance.
- Manual adjustable magnetic system
- Ducted coils give an improved cooling
- End flanges: Low carbon steel end flanges are fitted with an inspection cover in one end, to allow visual inspection of the coil and windings
- Bearings: Cooper split flange bearings are used, for ease of maintenance
- Oil cooled transformer rectifier

Models

DRUM MODEL	DRUM DIA (mm)	DRUM FEED WIDTH (mm)
36FED / 36SED	935	660 – 1575
42FED / 42SED	1085	965 – 1250
48FED / 48 SED	1240	810 - 1880
60FED / 60SED	1550	1115 - 2750