BUNTING®

HANSA

ElectroMax Overband

The ElectroMax Overband features a 185% increase in magnetic power matched by a weight reduction of 25% compared to equivalent permanent overband magnets!

- **185% increased magnetic power than comparable permanent magnetic equipment**

  An air-cooled Electromagnet, emitting a high gradient magnetic field enables the ElectroMax to recover small iron contaminants from greater burden depth and also offers a boosted lifting capacity of heavy and odd shaped tramp metals. The mild steel core wound with aluminium foil for maximum heat dissipation, guaranteeing stable maximum magnetic power. The magnet system is mounted onto a heavy-duty backplate and enclosed with thick steel side poles to provide optimum magnetic power directed at the product stream.

- **25% less weight than comparable permanent magnetic equipment**

  The ElectroMax features the highest magnetic power to weight ratio of any overband magnet due to the design of the air cooled coil which allows the unit to have an overall low profile and compact frame, meaning a downsized dual-pulley system can be used to drive the self-cleaning belt.

- **Durable construction ensures longevity of equipment and keeps maintenance to a minimum**

  A 8mm thick manganese base plate protects the magnet system from impact damage. Material is efficiently discharged by a wear resistant 3-ply nylon/terylene constructed belt, with fitted vulcanised wiper strips. An optional high density polyurethane armoured belt is also available.

Features

- **The ideal add on solution for mobile equipment**
- **Four standard models are designed for suspension at a height of 400mm over conveyors with widths of 1m / 1.2m / 1.4m and 1.5m**
- Air cooling of Magnetic system and transformer rectifier eliminates any oil or conservator tanks
- Switching off power to the ElectroMax deactivates its magnetic field allowing for easier, convenient maintenance **between operations**
- **Welded construction provided with eye-bolts for precise positioning using suspension slings**