

Stainless Steel Separators





HISC[®] High Intensity Separation Conveyor[®]

Magnetic Separation of Small to Mid-Sized Stainless Steel less than 20mm in size

The first of its kind in the industry, the HISC High Intensity Separation Conveyor incorporates a special magnetic assembly. The Neodymium rare earth magnets create extremely intense magnetic fields in order to achieve maximum stainless steel recovery in particle size of less than 20mm.

Through Bunting's engineering knowledge and Magnetic Finite Element Design software we developed technology to attract, hold and extract paramagnetic work hardened stainless steel from your product stream. Insulated copper wire (ICW), chopped copper commodities, plastic flake, WEEE materials and more can now be stainless steel free.



"The HISC has done everything that Bunting Magnetics said it would do! It has been very helpful in purifying my chopped copper wire material. I am extremely pleased with the performance of the HISC."

Chris Reeves
Copper State Metals / Phoenix, Arizona

"With the HISC, we are able to successfully separate 300 pounds of stainless steel from our scrap per day with an estimated ROI in less than a year! Bunting has built something no one else in the industry has."

Pat Dooley
Pacific Steel & Recycling / Boise, Idaho

"In the business of metal recycling, our profitability depends on the volume of recovered product and the purity of that product. Bunting Magnetics' High Intensity Separation Conveyor, and its unmatched ability to get stainless steel out of our mid-sized fraction, ensures we get the purity needed to sell to our domestic smelters."

Kevin Gershow
Gershow Recycling / Medford, New York

SSSC[®] Stainless Steel Separation Conveyor[®]

Magnetic Separation of Small to Large Sized Stainless Steel 20mm to 125mm

Discover the latest invention in stainless steel separation from Bunting[®]. Now, you can separate up to 94.1% irregular shaped paramagnetic work-hardened stainless steel – up to 125mm in size – from your recycled materials.

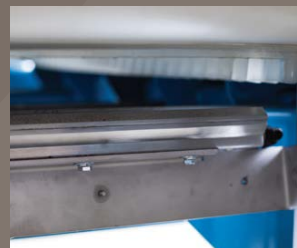
Maximum separation of large pieces of work-hardened stainless steel, materials once thought impossible to separate, are now easily attracted and extracted for the purest product possible thanks to Bunting's patented magnetic circuit design.



*Field test and lab results



Optional Vibratory Tray with AR400 impact plates for heavy material



Optional Air Knife

CLIENT SAMPLE TESTING FACILITY

Bunting has a sample testing facility and a mineral testing laboratory based in the UK, with experienced staff to ensure that the most suitable and cost-effective machinery is recommended for each application. Our testing facility houses a range of equipment, representing smaller scaled versions of our industrial product range allowing accurate scale up to industrial capacities.



REPAIR AND REFURBISHMENT SERVICE

We offer a full repair and refurbishment service for all types of magnetic equipment.

The range of services offered includes:

Appraisal: Site Visit and preliminary report.

Inspect and Report: Equipment stripped down and inspected in our works facility and a detailed quotation of refurbishment or repair.

Repair Service: Mechanical, electrical and fabrication repairs carried out in our comprehensive workshops.



Bunting has over sixty years experience providing innovative magnetic solutions to industries involved in recycling, demolition and reclamation, mining and quarrying, food processing, ceramics production and powders and minerals processing. The Bunting range of systems are known for their high performance and reliable operations.

Please visit our Website at www.bunting-redditch.com to view our full range of Equipment where brochure and video downloads are available.

For more information on our full range of products please contact us on the contact details below.

BUNTING - REDDITCH

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