CIRRUS™

HIGH-RESOLUTION SORTING SYSTEM FOR NIR, COLOR & METAL

The CIRRUS™ combines high-resolution Near-Infrared, color, and metal sorting. It allows you to sort a wide variety of mixed materials, using advanced digital signal processing and software algorithms.

The exact setup is tailored to the specific sorting application. Our detection in mid-air provides higher signal levels for transparent items (PET color sorting) and allows sorting of black items.
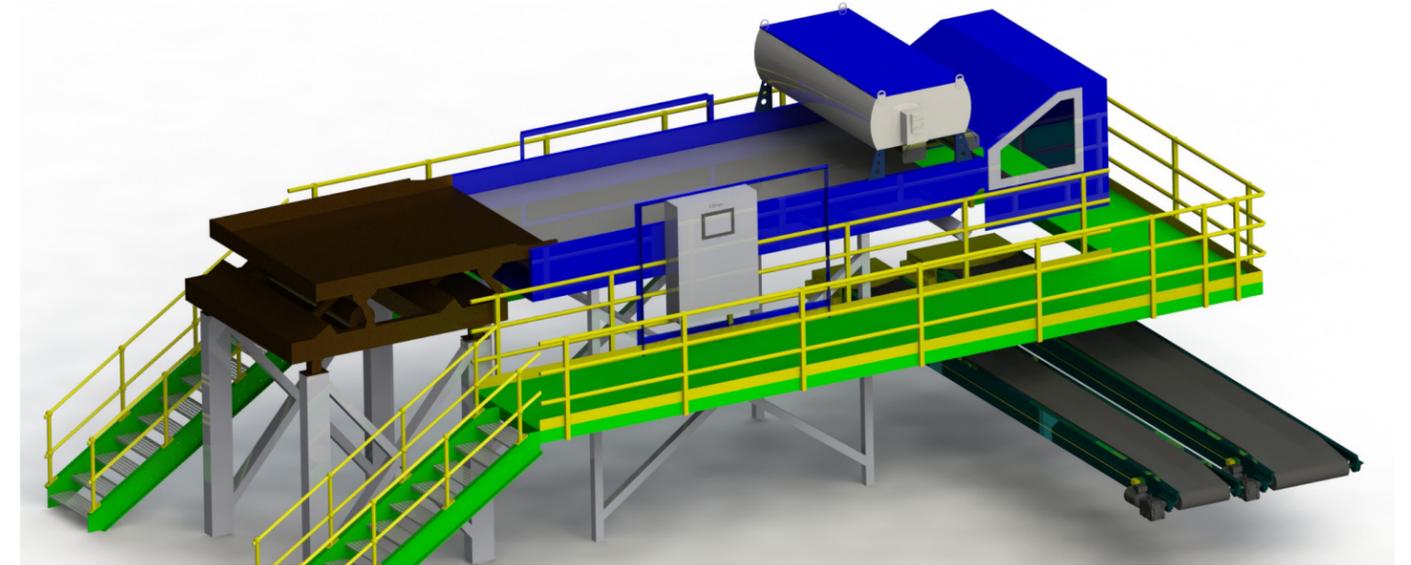
FEATURES

- Detection options
  - Over-the-belt
  - In flight with reflective reference
  - In flight over illuminated reference
- Single-eject or dual-eject setup
- Color touchscreen
- Ethernet and modem connection
- Language selection
- Change recipes by the touch of a button

MACHINE SPECIFICATIONS

- Machine width   800 - 2,400mm
- Capacity E-scrap*   1.5 - 3.0 tons/hr
- Capacity paper*   2.0 - 12.0 ton/hr
- Capacity plastics*   2.0 - 8.0 ton/hr
- Efficiency*   Up to 98%
- Electricity   8 - 12kW
- Compressed air   100 psi / 7 bar

UPGRADES

- All-metal detector
- Split configuration
- Statistics and quality control reports
- High-speed paper handling system (6m/sec or 1,200fpm)

APPLICATIONS

- Plastic Bottles
- Plastic Flake
- Paper + Cardboard
- Beverage Cartons
- Electronic Scrap
- Metal Scrap
- MSW/RDF/C&I
- C&D

Disclaimer: Actual throughput and performance depends on a number of factors including, but not limited to, input material composition, particle size, bulk density and % of targeted materials

MIXED PLASTICS   CIRCUIT BOARDS   HDPE   PLEXIGLASS   PET   NON-FERROUS

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