

CIRRUS™

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.

APPLICATIONS

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

HIGH-RESOLUTION SORTING SYSTEM FOR NIR, COLOR & METAL

FEATURES

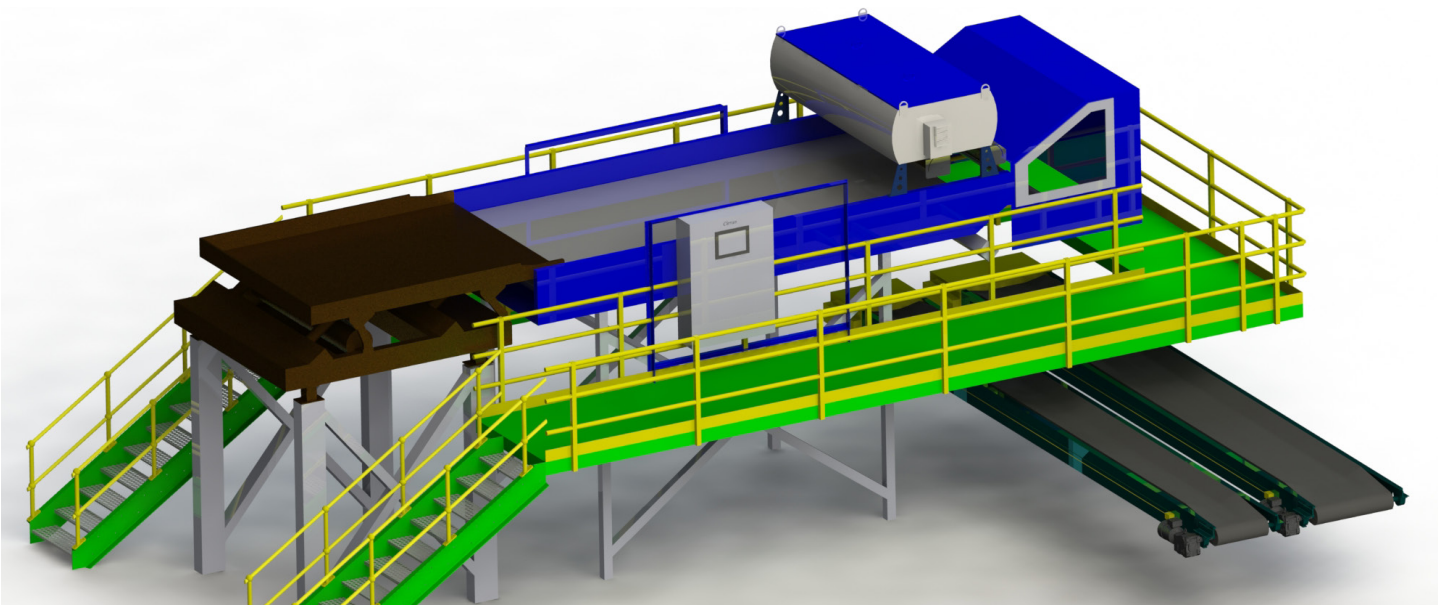
- Detection options
 - Over-the-belt
 - In flight with reflective reference
 - In flight over illuminated reference
- Single-eject or dual-eject setup
- Color touchscreen
- Ethernet and modem connection
- Language selection
- Change recipes by the touch of a button

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)



* 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

