

FIBERSORT™

HIGHLY FLEXIBLE COLOR AND NEAR-INFRARED SENSOR SORTING SYSTEM



MAXIMIZE SORTING EFFICIENCY. MINIMIZE CONTAMINATION LEVELS.

The MSS FiberSort™ provides paper recyclers and MRFs affordable solutions for automated optical separation for various applications.

The FiberSort™ Module is a highly advanced full color spectrum and near-infrared (NIR) sensor that identifies plastic and other non-paper contaminants (textiles, metals, film, etc.) as well as brown OCC from news and mixed paper grades at high speeds.

As a division of the CP Group of Companies, MSS designs optical sorting solutions that integrate at the highest level with the world's most advanced mechanical separation technology. CP's NEWScreen™, CP Screen™ and V-Screen™ are the perfect choice for pre-processing the incoming feedstock material.

The incoming material is distributed over the full machine width and travels underneath the sensor array, which is mounted on top and at the end of a high-speed acceleration belt. State-of-the-art electronics process the signals from the NIR and color sensor and activate corresponding air valves, which eject the targeted material upward or downward, depending on the application.

The FiberSort™ features a user-friendly color touchscreen with advanced diagnostics, setup flexibility, and remote access modem or Ethernet.

The FiberSort™ provides the operator with real-time statistics that can be used for daily reports or for quality control certificates per truck load.

MSS

OPTICAL SORTING SYSTEMS

FIBERSORT™

HIGHLY FLEXIBLE COLOR AND NEAR-INFRARED SENSOR SORTING SYSTEM

FIBERSORT™ MODELS

Machine Widths
Sorting Capacity
Electrical Requirements
Compressed Air Pressure
Compressed Air Usage

Single-Eject

800mm - 2400mm (32" - 96")
3.0 - 9.0 tons/hr
8 kW
100 psi / 7 bar
Feedstream dependent

Dual-Eject

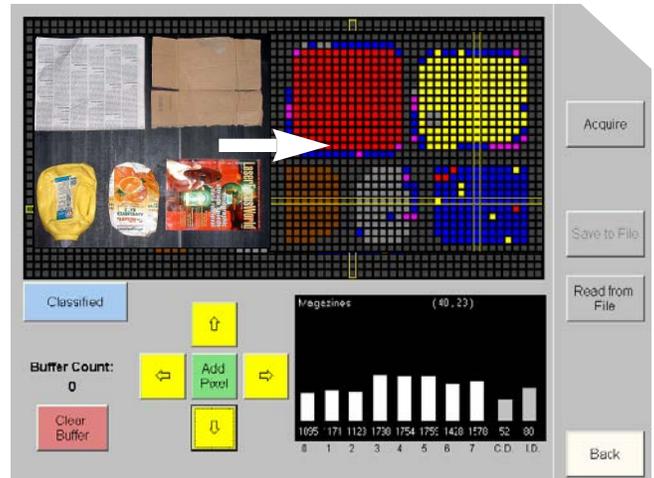
800mm - 2400mm (32" - 96")
3.0 - 9.0 tons/hr
15 kW
100 psi / 7 bar
Feedstream dependent

AVAILABLE FEATURES/UPGRADES

- Metal detector upgrade optional
- Split configuration optional
- Color touchscreen user interface with modem/ethernet access
- Selection of languages (English, Spanish, German, French, etc.)
- Statistics and quality reports download options
- Different sort configurations by the touch of a button

MSS WARRANTY

As with all our products, the MSS FiberSort™ is supported by experienced, dedicated service technicians. It is covered by a full one-year comprehensive warranty on parts, workmanship, and performance.



FiberSort™ intuitive user interface and visualization

