

MSS FiberMAX™

NEXT GENERATION OPTICAL FIBER SORTING TECHNOLOGY



• Positively sort contaminants and OCC from ONP and Mixed Paper • Positively sort SOP • Positively sort Mixed Paper

Take control of your operating costs and product marketability

The ultimate optical fiber sorting solution for MRFs, **FiberMax™** reduces headcount on the Fiber QC line while greatly improving fiber purity. Operators across the country are seeing quick returns on investment.

- Eliminates up to 20 manual sorters
- Improves fiber purity and recovers flat containers
- Easy integration into existing facilities
- Quick return on investment
- Low maintenance with automated internal calibration

Why FiberMax™?

Your Shield Against the National Sword

Ensure fiber purity and quality for best marketability, reducing exposure to market risks such as “Green Fence” or “National Sword.”

Reduce Headcount

Eliminate multiple manual sorters on fiber QC line with **FiberMax™** automated sorting. Averaging 600-800 picks per minute, 1 **FiberMax™** does the job of 20 manual QC sorters.



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MSS, Inc. is a division of CP Group

Made in the
USA



MSS FiberMAX™

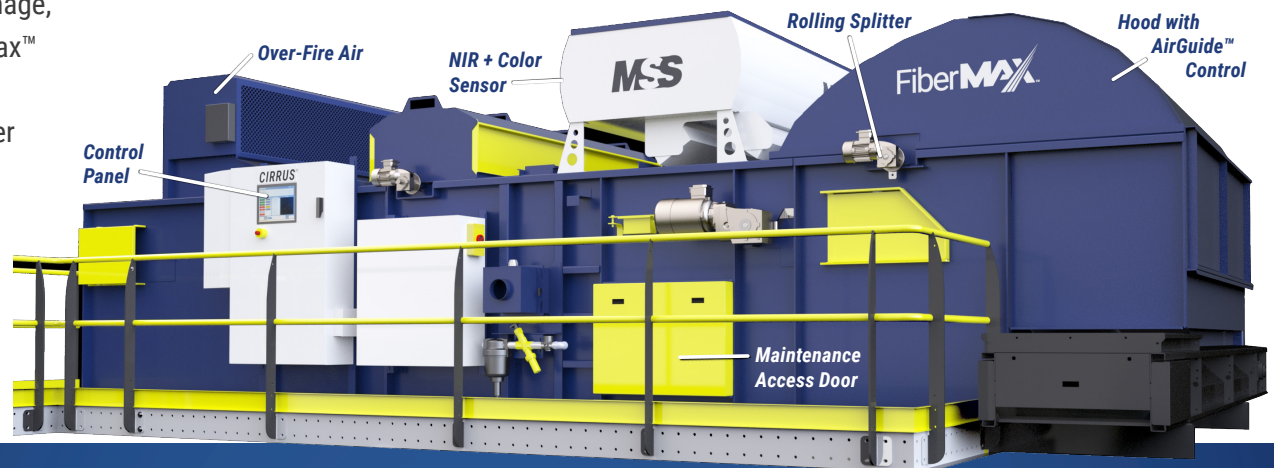
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The Material Handling Experts

Maximizing material recovery relies on proper handling. MSS uses high-velocity belt speeds of 1,000 feet per minute. This enables proper material distribution that results in minimal collateral damage, giving FiberMax™ a competitive advantage over other optical sorters.

Applications

- Sort contaminants and OCC from ONP and Mixed Paper
- Sort SOP
- Sort Mixed Paper



The Power Of CIRRUS® Technology

Based on the popular CIRRUS® sensor platform, FiberMax™ provides operation flexibility and top of the line sensing capabilities.

MaxSelect™ capability utilizes patented sequential scanning for the highest-definition scan possible. High number of NIR and color wavelengths make it possible to change sort setups with programming software, no

ClearLight™ technology provides the best signal-to-noise ratio of any optical sorter in the recycling industry. MSS doesn't use gratings or light beam splitters, so detectors receive the maximum amount of reflected light possible, allowing for the most accurate detection of highly transparent items such as lightweight single-serve PET bottles.

Technical Specs

Machine width	800mm–2800mm; 32"–112"
Capacity*	2.0–12.0 ton/hr
Efficiency*	Up to 98%
Electricity	8–12kW
Compressed air	100 psi / 7 bar

* 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

Features

- Color touchscreen
- Remote Ethernet access
- Language selection
- All-metal detector
- Statistics and quality control reports
- Continuous automated internal calibration
- Change recipes with the touch of a button
- Intuitive learning software adapts to changes in the material stream
- Software license never expires
- 1,000 FPM belt speeds



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