PAPERSORT™

MAXIMIZE END-PRODUCT MARKET VALUE.
A REVOLUTIONARY OPTICAL SORTING CONCEPT.

MSS introduced PaperSort™, the world's first high-speed automated optical sorting system for premium high-grade paper. PaperSort™ can perform tasks that cannot be done manually and generates a more consistent grade of recycled paper than any other system.

The PaperSort™ employs various patented mechanical techniques to reduce burden depth and provide a uniform and single-layer feedstream of paper to the MultiGrade™ sensor module.

The MultiGrade™ identifies the optical properties of paper at speeds of up to 1200 ft/min (6 m/s). Up to 99 different grades can be set up as individual categories: white, colored, newspaper, magazines, brown OCC, etc.

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 sensors and activate corresponding air valves, which eject the targeted material.

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

The PaperSort™ 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

PAPERSORT™

PAPERSORT™ MODELS	900mm (36")	1200mm (48")	1800mm (72")
Sorting Capacity High Grades	3 tons/hr	4 tons/hr	6 tons/hr
Electrical Requirements	400/480/575V 50/60Hz	400/480/575V 50/60Hz	400/480/575V 50/60Hz
Power Consumption (System)	23kW	30kW	45kW
Compressed Air Pressure	100 psi / 7 bar	100 psi / 7 bar	100 psi / 7 bar
Compressed Air Usage	Feedstream dependent	Feedstream dependent	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 PaperSort™ sorting module is supported by experienced, dedicated service technicians and engineers. It is covered by a full one-year comprehensive warranty on parts, workmanship, and performance.
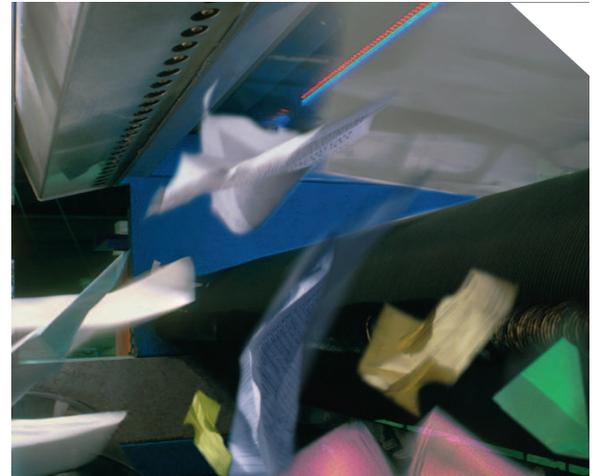
PaperSort™ features proprietary LED Technology