

# GLASS COLORSORT™

OPTICAL SORTING OF COLORS AND CERAMICS FROM MIXED GLASS CULLET



## MAXIMIZE SORTING EFFICIENCY. MINIMIZE CONTAMINATION LEVELS.

The MSS Glass ColorSort™ turns negative value, contaminated mixed glass into high value, furnace-ready cullet. Depending on the size and application it can process up to 30 tons/hr in ceramic/sorting mode and 7.5 tons/hr in color/sorting mode.

The Glass ColorSort™ sorts amber, yellow, red, blue and green glass including “Georgia Green”. It employs the latest developments in sensor technology, using high-speed optical detectors and digital signal processing.

The pre-processed glass is introduced by a vibratory feeder. The sensor identifies opacity and color of each glass particle and activates corresponding air valves, which eject the targeted material upward or downward.

Sophisticated software algorithms correct for the effects of dirt and other contamination, resulting in an improved separation over troublesome self-cleaning systems which require air and water. Automatic velocity detectors compensate for any moisture effects in the infeed material.

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

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## COLORSORT™ MODELS

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

### Single-Eject

1200mm/1800mm (48"/72")  
5-15 tons/hr  
3 kW  
100 psi / 7 bar  
Feedstream dependent

### Dual-Eject

1200mm/1800mm (48"/72")  
7.5 - 25 tons/hr  
5 kW  
100 psi / 7 bar  
Feedstream dependent

## AVAILABLE OPTIONS/UPGRADES

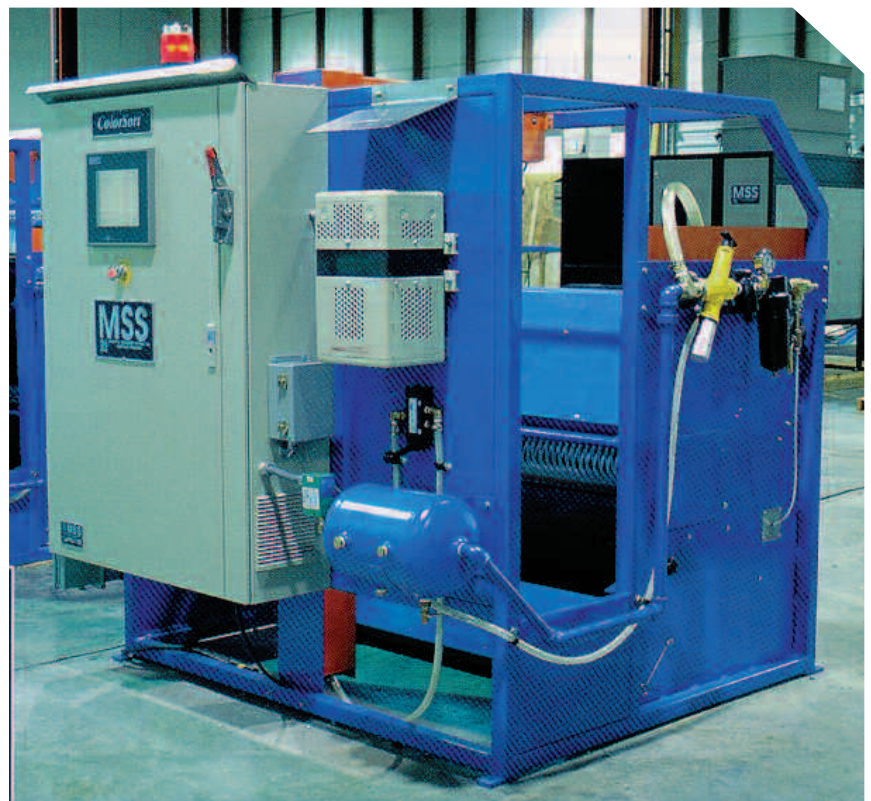
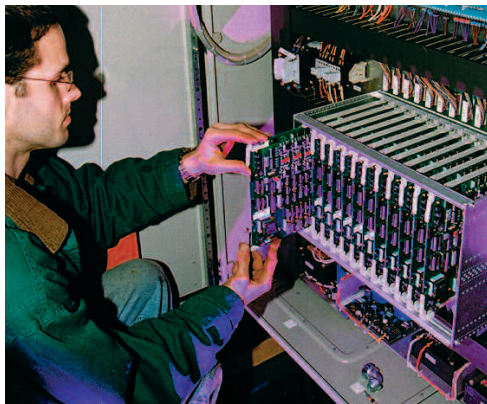
- Metal detector upgrade optional
- Split configuration optional
- Color touchscreen user interface with modem/ethernet access
- Software algorithms to compensate for dirt and dust build-up
- Statistics and quality reports download options
- Different sort configurations by the touch of a button

## MSS WARRANTY

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



Proprietary solid state LED technology does not employ ANY moving parts, reduces risk of fires, uses less energy, and lasts for more than 10 years.



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