

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

GLASS COLORSORT™

OPTICAL SORTING OF COLORS AND CERAMICS FROM MIXED GLASS CULLET

COLORSORT™ MODELS

Machine Widths
Ejection Configurations Available
Sorting Capacity
Electrical Requirements
Compressed Air Pressure

For Ceramic Sorting

1000mm (39") 1500mm (58")
Single + Dual-Eject Single + Dual-Eject
15 tons/hr 22.5 tons/hr
3 kW 5 kW
100 psi / 7 bar 100 psi / 7 bar

For Color/Ceramic Sorting

1000mm (39") 1500mm (58")
Single + Dual-Eject Single + Dual-Eject
5 tons/hr 7.5 tons/hr
3 kW 5 kW
100 psi / 7 bar 100 psi / 7 bar

AVAILABLE FEATURES/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



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.

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.

