Sensor-based Optical Sorter Waste Glass Sorting

VF6

VF4

Luft Waste Glass Optical Sorter

Based on the specific requirements of waste glass industry, Lauffer has developed the professional, efficient and sustainable optical sorting solution for glass recovery.Powered by the unique capabilities of identification by color, brightness, transparency, shape and material, Luft Waste Glass Optical Sorter can be used for efficient removal of undesired glass in different color or type as well as the contaminants such as CSP (ceramics, stones & porcelain), glass ceramics, metals and plastics, ensuring a high-quality purification of glass cullet to achieve the added value of recycling.

Powerful Recognition and Separation Technology by AI Color sorting and CSP removal for glass recovery lines and MSW plants
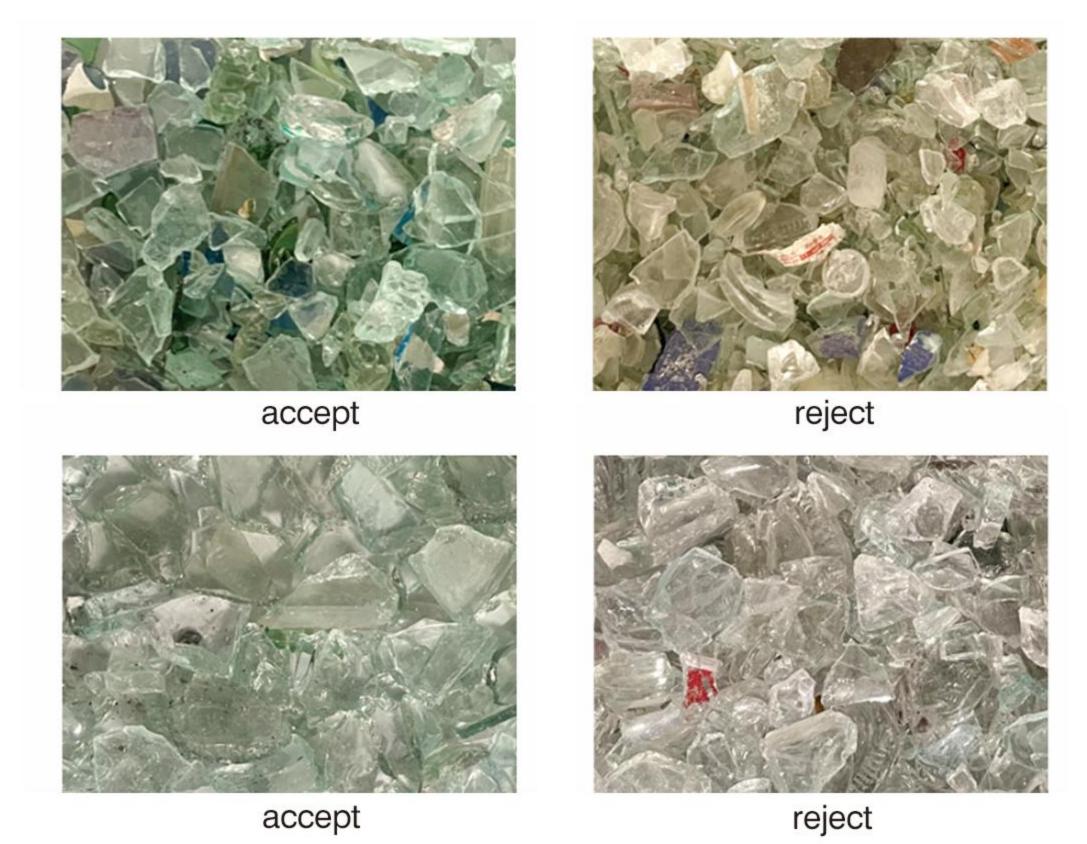
BETTER PURITY

HIGHER EFFICIENCY

Luft Waste Glass Optical Sorter

Applications

accept

reject

accept

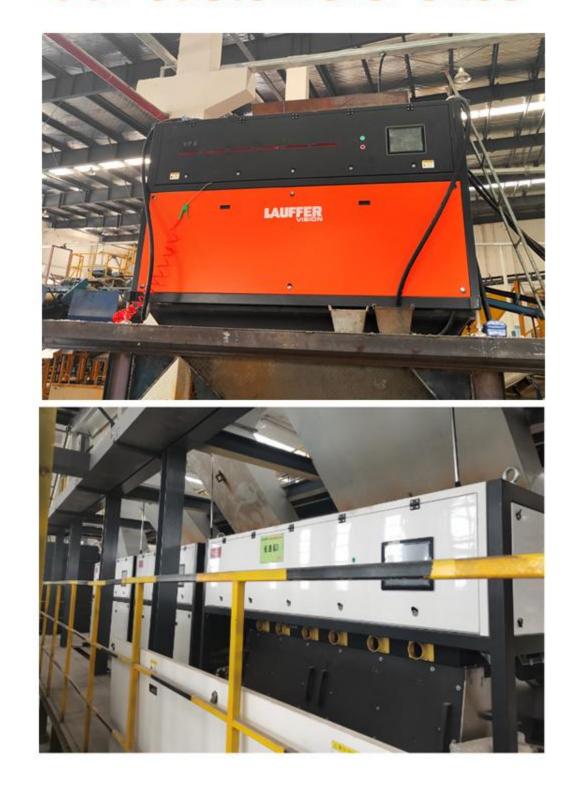reject

accept

reject

accept

reject

Features

◆ **Powerful Full Color Camera Inspection System**

Efficient recognition by color, brightness, transparency, shape and material of waste glass cullet due to Lauffer's advanced Full Color Camera Inspection System.

◆ **Superior AI Deep Learning Algorithm**

Innovative simulation of manual picking operation by teaching and training the intelligent glass sorter all the standards and features of identification and sorting.

◆ **Advanced Optical Design**

Waste glass recovery rises to a new level due to Lauffer's exclusive design for glass sorting with optimized scanbox integrated with tailored sensors and sorting algorithms.

◆ **Enhanced LED Lighting System**

Higher intensity LED Illumination System for better detection of the characteristics and features of glass cullet and contaminants.

◆ **Powerful and Reliable Ejection System**

Long-life and high-speed ejectors designed and produced in-house, ensuring the performance, the serviceability and the sustainability.

Our customers' sites

Specifications

Series	Model	Chute	Ejectors	Air pressure (Mpa)	Air consumption (m³/min)	Voltage (V)	Power (kw)	Dimension (mm)	Weight (kg)
Luft	VF4	4	64	0.6~0.8	≥2.6	220v/50HZ	2.4	2200×2150×2000	1500
	VF6	6	96	0.6~0.8	≥4.0	220v/50HZ	3.5	2200×2800×2000	1930