



PLASTIC PELLET SORTER TORONG™ LG SERIES

Plastic Pellet Sorter ToronG™ LG Series delivers high-precision sorting by removing contaminated, discolored, or misshaped pellets perfect for transparent, translucent, and opaque materials. Designed for reliable, efficient performance across primary, secondary, and recycled pellet applications.

APPLICATIONS

Plastic Pellet Sorter ToronG-LG Series

Main Applications

Plastic Pellet Sorter ToronG™ LG Series is specifically designed to sort plastic pellets and eliminate dirty, discolored, or misshaped ones from transparent, translucent, or opaque round pellets — improving material purity and reducing waste. Primarily used for sorting primary, secondary, and recycled pellets.

FEATURES

Precision Inspection & Detection

Thanks to advanced E-image processing, 3D surround recognition, multi-frame composite noise reduction, true color restoration, micro-chromatic aberration correction, Centroid 3.0 algorithm, and a dual-view camera system, the ToronG™ LG Series accurately detects and separates materials with even the slightest defects.

High Throughput

Featuring an anti-blocking design, durable high-frequency ejector valves, high throughput, and a balanced feeding system, it supports long-term automated operation to fully meet your production needs.

Stable Operation

An explosion-proof motor and ultra-wide soft conveyor belt ensure optimal material distribution, minimal bounce, smooth transport, and high sorting efficiency—keeping your production steady and reliable.

High Accuracy

High-speed sensors, advanced chips, and a “missile guidance” system ensure sorting accuracy rates of up to 99%.

TECHNICAL SPECIFICATIONS

Model	ToronG™ LG4	ToronG™ LG6	ToronG™ LGS4	ToronG™ LGS6
Accuracy (%)	≥99%	≥99%	≥99%	≥99%
Throughput (T/H)	2-4	3-6	2-4	3-6
Air Consumption (m³/min)	<2.2	<4.1	<4.1	<6.2
Power (kW)	3.7	4.8	6.2	8.4

Model	ToronG™ LG4	ToronG™ LG6	ToronG™ LGS4	ToronG™ LGS6
Voltage/Frequency	AC380V/50HZ			
Air Pressure (MPa)	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8
Weight (kg)	1220	1460	1800	2140
Dimension (mm) (L x W x H)	3158 x 2013 x 2298	3158 x 2613 x 2298	3587 x 1980 x 3166	3587 x 2580 x 3166

Note: Parameters listed are for reference only and may vary depending on the application and feed conditions.



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