



FLAKE COLOR SORTER TORONGV™ SERIES

Flake Color Sorter ToronGV™ Series delivers high-precision sorting with advanced imaging technology, multi-stage processing, and fast throughput. Engineered for efficiency and accuracy, it's ideal for separating plastic flakes by color with minimal energy use.

APPLICATIONS

Flake Color Sorter ToronGV Series

Main Applications

1. Identify and eliminate opaque and black flakes from mixed-color flakes.
2. General color sorting includes single-sided and double-sided colored plastic flakes.
3. Remove opaque or differently colored flakes from high-quality clear or blue-white flakes.
4. Detect and extract black materials from PC alloy, PC/PP/PS/ABS, and other blends.
5. Separate clear and white HDPE flakes and sort different colored flakes from mixed ground HDPE scrap.

FEATURES

Color Sorting Version 3.0

The S-Class professional vision system features high-definition imaging and a 3D surround-recognition lens, enabling precise detection of subtle color variations to meet a wide range of color sorting requirements.

High and Stable Throughput

High-throughput feeding with multiple chute sorting and an anti-blocking material design supports extended unmanned operation—perfectly suited to meet your production demands.

Flexible Support

Supports standard sorting, reverse sorting, single sorting, re-sorting, and up to five sorting cycles. Highly versatile and easily adaptable to your specific process—significantly reduces energy consumption.

High Accuracy

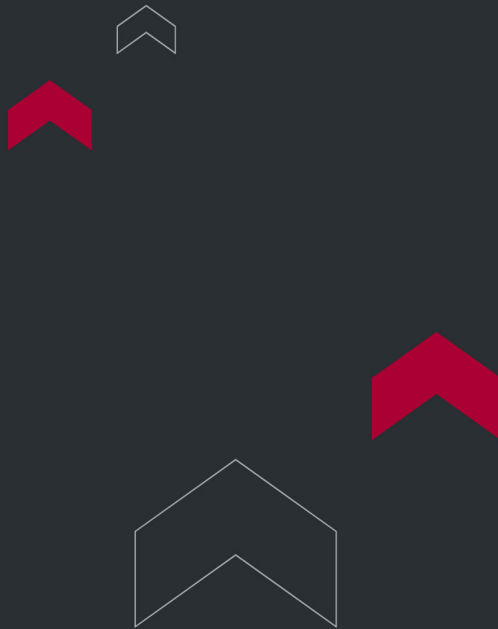
The high-speed sensor, paired with a rapid-response chip and advanced guidance system, delivers sorting accuracy rates of up to 99.8%.

TECHNICAL SPECIFICATIONS

Model	ToronGV™ 5	ToronGV™ 6	ToronGV™ 7	ToronGV™ 8	ToronGV™ 10	ToronGV™ 12
Accuracy (%)	>99.8%	>99.8%	>99.8%	>99.8%	>99.8%	>99.8%
Throughput (T/H)	1.8–3.5	2–4	2.8–5.6	3–6	4–8	5–10
Air Consumption (m³/min)	<2.5	<3	<3.5	<4	<5	<6.5

Model	ToronGV™ 5	ToronGV™ 6	ToronGV™ 7	ToronGV™ 8	ToronGV™ 10	ToronGV™ 12
Power (kW)	3.7	4.4	5.2	5.9	7.3	8.7
Voltage/Frequency	AC220V/50HZ (110V is also available)					
Air Pressure (MPa)	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8	0.6~0.8
Weight (kg)	1300	1450	1600	1700	2050	2250
Dimension (mm) (L x W x H)	2348 x 1829 x 1887	2663 x 1829 x 1887	2978 x 1829 x 1887	3293 x 1829 x 1887	3933 x 1829 x 1887	4563 x 1829 x 1887

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



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