



MIXED PLASTIC STREAMS SEPARATOR TORONGI™ MAX SERIES

Mixed Plastic Streams Separator ToronGI™ Max Series efficiently sorts various plastic materials with high accuracy, using advanced NIR technology and customizable configurations to meet specific production needs. Its high-speed sensors and robust design ensure reliable, long-term, unmanned operation.

APPLICATIONS

Mixed Plastic Streams Separator ToronGI Max Series

Main Applications

1. Purification of PP flakes, removing non-PP materials.
2. Separation of transparent and white HDPE flakes.
3. Separation of HDPE and PP flakes.
4. Purification of PMMA flakes, removing non-PMMA materials.
5. Purification of PC/PC alloy flakes, removing non-PC/PC alloy materials.
6. Purification of single-material products by sinking and floating in brine (salt) solution at various concentrations, such as PET-G, PC/alloy, PMMA, PVC, POM, ABS/PS/PA, etc.
7. Purification of PE flakes, removing non-PE materials.

FEATURES

Sorting Version 4.0

Mainly used for color and material sorting of plastic flakes. Various configuration options are available to meet your specific sorting requirements.

All-in-one Separator

By combining NIR technology, S-class high-precision multi-spectral infrared cameras with a maintenance-free light source cooling system and long-life infrared light source, an ToronGI™ MAX machine can achieve sorting functions for various materials. Special cameras can be customized for specific materials.

High and Stable Throughput

Wide chute, multi-stage feeding, anti-blocking material design, and high-throughput feeding support long-term unmanned operation, fully meeting your production needs.

Affordable and Reduce Your Energy Consumption

Supports normal sorting, reverse sorting, single sorting, re-sorting, and 5-time sorting. It offers strong applicability and can be adjusted to fit your actual process needs.

High Accuracy

High-speed sensors, chips, and "missile guidance" systems ensure sorting accuracy rates of up to 99%.

TECHNICAL SPECIFICATIONS

Model	ToronGI™ 3 MAX	ToronGI™ 4 MAX	ToronGI™ 5 MAX	ToronGI™ 6 MAX	ToronGI™ 7 MAX	ToronGI™ 8 MAX
Accuracy (%)	>99%	>99%	>99%	>99%	>99%	>99%
Throughput (T/H)	0.6-2.3	0.8-3	0.8-3.3	1-4	1.8-5.3	2-6
Air Consumption (m³/min)	<1.5	<2	<2.5	<3	<3.5	<4
Power (kW)	4.2	4.2	6.2	6.2	8.2	8.2
Voltage/Frequency	AC220V/50HZ (110 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)	1150/1200	1250/1300	1750/1800	1850/1900	2200/2250	2300/2350
Dimension (mm) (L x W x H)	2150 x 1928 x 2385	2150 x 1928 x 2385	2825 x 1928 x 2385	2825 x 1928 x 2385	3518 x 1928 x 2385	3518 x 1928 x 2385

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



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