

Mid Capacity Tilt Tray Sorter



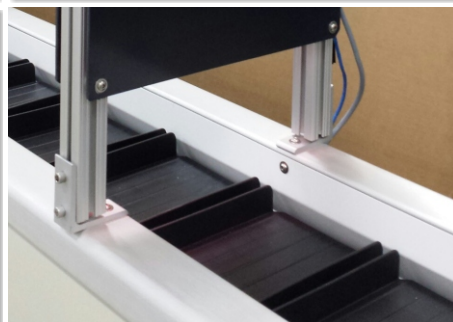
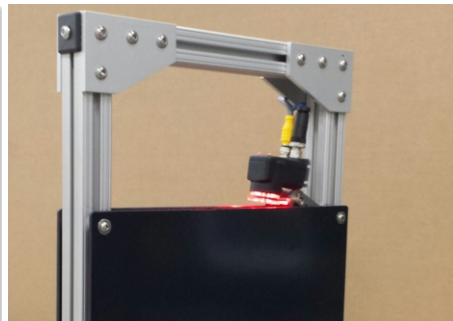
About GBI

GBI Intralogistics Solutions specializes in designing, streamlining, automating, optimizing, managing, and implementing material handling automation and information flow inside all forms of warehouse and distribution centers. For more than 48 years, we have been serving the global intralogistics market and have developed expertise in creating and delivering innovative, intelligent, efficient, autonomous, cost-effective and complete integrated turnkey solutions.

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The Medium Capacity Tilt Tray Sorter is ideal for high-accuracy sortation of items weighing up to 4.5 kg (10 lbs). The sorter's simple yet innovative design is life tested for proven reliability. GBI's customers report up to 99.95% and better sort accuracy at speeds up to 12,000 trays per hour.

The Medium Capacity Sorter is durable, has few moving parts, and is easy to maintain. The modular component design is scalable, and may be expanded, or configured to meet the customer's changing requirements.



GBI has been the industry innovator and leader in small to medium tilt tray sorters for over 20 years. We brought to market the first high-speed Micro-Sorter for jewelry and the media processing industry. Our Micro Sorter is a sorter of choice for customers with very small items. Our Medium Capacity sorter is an excellent choice for customers who have a mix of small to medium size and weight products.

Each standard GBI Micro-Sorter is customized to meet the needs of each customer's operation.

We don't just automate,
we innovate



www.gbisorters.com

Industry and Applications

Each standard GBI Micro-Sorter is customized to meet the needs of each customer's operation. Here is a sampling of Micro-Sorter industry applications:

- Clothing Accessories, Flat Apparel and Shoes
- Books, electronics, and hard goods
- Small appliances
- Housewares
- Groceries
- Postal, Mini and Medium Parcels
- And many more

Key Features & Benefits

- Safe transporting and gentle deployment of a variety of product mixes, including small to medium weight products
- Rugged construction, including tilt activation utilizing only two moving parts, adds durability and reliability
- Convenient Loading, including auto-induction where applicable
- Proven technology that produces tray rates up to 12,000 trays per hour
- Comprehensive tracking – resulting in up to 99.95% or higher sort accuracy

Mid Capacity Tilt Tray Sorter Key Specifications

Feature	Specifications	
	Metric (Rounded)	Standard (Rounded)
Transportable Weight	1 gm to 4.5 Kg	0.035 oz to 10 lbs.
Tray Dimensions*		
TR-4	368mm X 508mm	15.5" X 20"
Conveyor Pitch		
TR-4	406mm	16"
Carrier Rate	Up to 12,000 trays / hour	
Tilt Direction	Single / Bi-directional	
Configuration	In-Line (vertical path), oval (racetrack), other Incline/ decline	
Types of Articles Sorted	Cartons, poly bags, jiffy bags, parcels, loose items, items with strings and straps	
Noise Level	Under 60 dB at 2 meters, or under 75 dB at 2 meters with active chute diverters	
Minimum / Maximum Ambient Temperature	4.5°C / 40.5°C	40°F / 105°F
Humidity	Up to 80%	

* Custom Tray Sizes Available

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