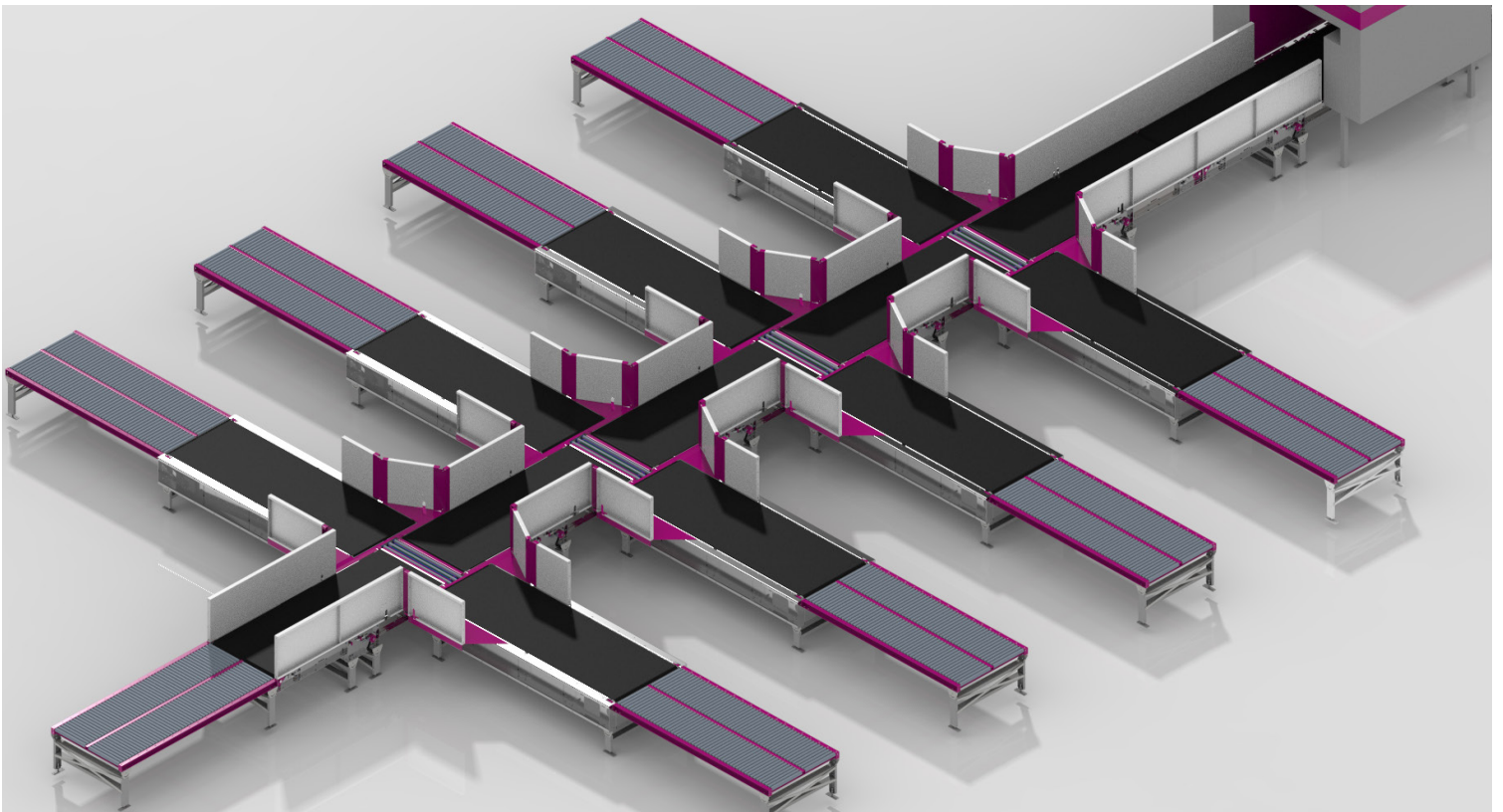


GENI-Flex™ Modular Solution

Irregular and Oversized Package Sorter | Data Sheet

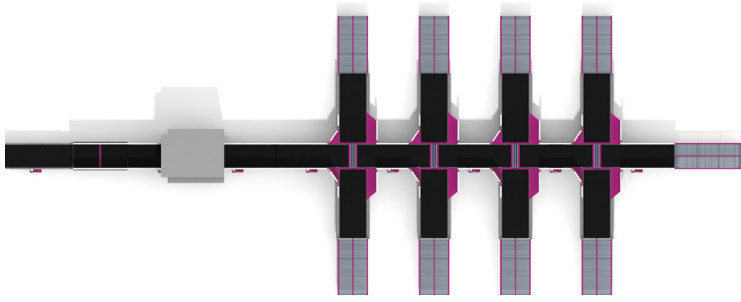


The GENI-Flex™ Modular Solution is the first and only automated sortation system for irregular and oversized items

Fives designed the GENI-Flex™ Modular Solution for packages that are extra-large and oddly shaped, and therefore considered non-conveyable on traditional sorters.

The heavy duty, yet gentle GENI-Flex sorter is optimized for packages up to 79.4 kg (175 lbs) and 2.74 m (9 ft) in length. It has a proven ability to handle the most extensive range of irregularly shaped and oversized products in the industry, including five-gallon buckets, tires, and carpet rolls.

- Automated sortation of parcels up to 175 lbs and 9 ft
- Flexible and upgradeable system design options
- Rapid installation and commissioning
- Less than 77 dB maximum sound produced during operation



AUTOMATED SORTING FOR THE MOST EXTENSIVE RANGE OF ITEMS IN THE INDUSTRY

Ordinarily, oversized packages are sorted using manual labor. Workers remove oversized and irregular packages from the singulator conveyor by hand and place them onto carts for transport to their destination. This manual sorting of oversized packages is not only inefficient and physically demanding, but also potentially harmful to workers' long-term health and safety.

GENI-Flex alleviates these physical and operational burdens by offering an industry-leading solution—an automated sortation system that handles the most extensive range of large and irregular packages. It provides multiple pre-engineered takeaway options. Parallel or powered 90° takeaways minimize manual labor to transport packages to their final destination. Gravity 90° takeaways can be used when hands-on human interaction is required.

STANDARDIZED DESIGN FOR RAPID INSTALLATION

Consumer behavior has rapidly progressed from brick-and-mortar patronage to e-commerce. To keep pace and meet demand, distribution centers have had to quickly and creatively increase processing capacity. The GENI-Flex Modular Solution Irregular Sorter comes pre-wired and pre-assembled, with module guarding and product guides included. Its standardized design enables users to rapidly deploy and commission systems with minimal factory support.

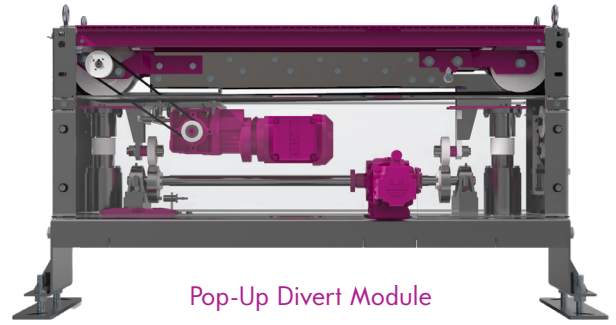
The system's robust modular design has the advantage of ultra-low maintenance needs and is easily reconfigured for future expansion. This offers the flexibility to quickly respond to increased operational growth.

ROBUST COMPONENTS WITH GENTLE DIVERTING ACTION

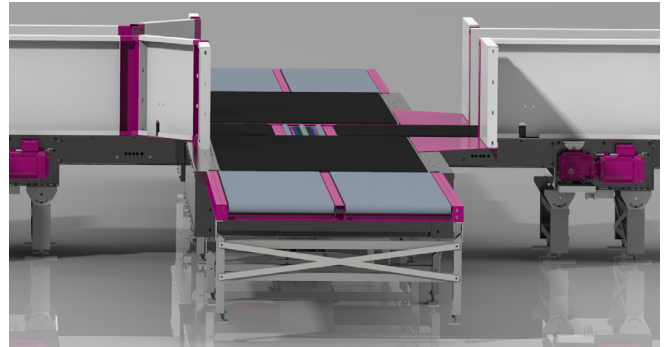
Sorting irregular and oversized packages is an extremely arduous process. Components involved in this sorting must be able to withstand the harshest product environments, yet their diverting action must be gentle. GENI-Flex features an innovative, self-contained pop-up divert module designed with this philosophy in mind.

Two high-friction transfer belts rise to gently divert packages towards an elected takeaway module. These belts are manufactured from highly durable materials used in mining operations and are resistant to cuts, tears and abrasions.

When products need to pass over the divert module, the transfer belts lower and a powered roller solution is used to carry items across the transfer belt. This self-contained system virtually eliminates the burdensome maintenance requirements of traditional rollers and band systems.



Pop-Up Divert Module



Electrical Specifications

PDP Incoming Power: 480 VAC / 3-phase / 60 Hz

Incoming Power Rating: 200 amps

Specifications For Oversized Mix

Belt Width	48 in.
Distance Between Product Guides	49 in.
Rate	3,200 pph (depending on average length)
Max Product Length	9 ft.

Maximum Package Constraints

Length	108 in.
Width	42 in.
Height	36 in.
Weight	175 lbs.

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Industry can do it