

Unload Large Volumes of Boxes, Flats, and Poly Bags with a Single Operator

NPI's Tipper is a simple, safe, and fast solution designed to unload large amounts of parcels and packages from 40" x 48" gaylords and various other container types. It is ideal for companies looking for a reliable and compact parcel unloading solution.

The NPI Tipper features multiple container restraint options including our patent-pending pallet capture system, short container hold-down bar and tall container stop. These restraint systems hold your containers in place while tipping at a 45-degree angle so that you can be sure only your packages are transferred to the accumulation conveyor.

With simple single-operator controls, a maximum load capacity of 2,000 lbs. and a cycle time that is two times faster than comparable tippers, the NPI Tipper will take your automation systems to the next level.



TIPPER SHOWN WITH OPTIONAL NPI SINGULATOR

NPI TIPPER BENEFITS

Eliminates manual handling of heavy loads

Adaptable container restraint system for various container sizes and types

Patent-pending pallet hold-down kit for unloading brick-stacked pallets

Integrates with third party equipment via isolated relays

Unload up to 2,000 lbs of material

Fast tipping cycle < 1 minute depending on dwell time

Compatible Container Types:

Collapsible Bins	Mail / Parcel Carts	Short and Tall Gaylords	Brick Stacked Pallets
			

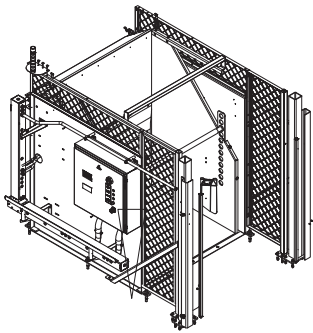
NPI TIPPER

A Simple, Safe, and Fast Unloading Solution

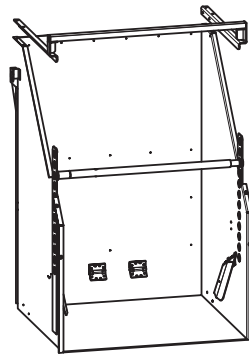


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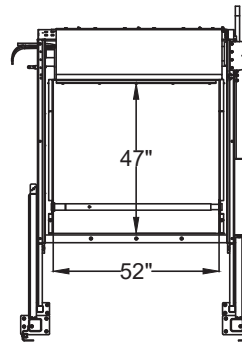
Features	Description
Supply Voltage	480VAC 3PH 60HZ - 20A
Lift Capacity	Up to 2000 lbs.
Loading Platform	Receives collapsible bins, short & tall gaylords, mail carts, and brick stacked pallets
Short Container Retention Bar	Adjustable retention bar used to retain collapsible bins, short gaylords, and mail carts
Tall Container Retention Bar	Secures containers up to 78" tall safely in place during tipping
Pallet Hold-Down Kit	Retainer kit for unloading pallets of brick stacked boxes
Safety Light Barrier	Detects entry into the tipper area. Automatically halts tipper operation if the beam is interrupted.
Integrated Safety Fencing	Blocks unauthorized access to the tipper area, enhancing operational safety.
Emergency Stop	Integrated with e-stop w/interface to external systems
Simple Operator Controls	Simple and safe PLC-based operational controls
24 VDC Isolated Relays	Integrates with third party equipment
Tip Cycle Time	< 1 minute depending on dwell time



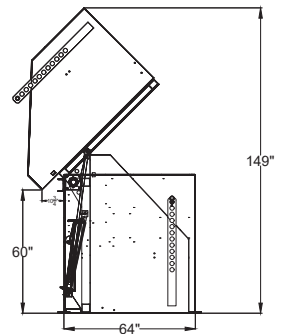
ISOMETRIC VIEW



TIPPER LOADING VIEW



PLAN VIEW



TIPPER UNLOADING VIEW



Integrates with Third Party Equipment



Pallet Hold-Down Kit



Simple Operator Controls