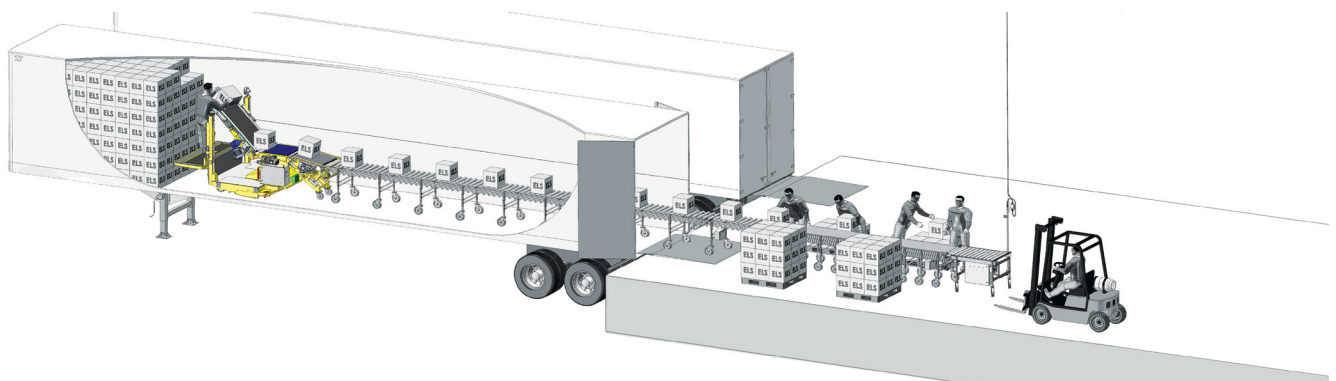


Destuff-IT™ and Restuff-IT™ Portable Ergonomic Conveyor Systems

Increase productivity
Improve safety
Promote ergonomics



Ergonomic systems for loading and unloading floor loaded product.



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Operator Platform: The sturdy operator platform has a rubber ergo mat with treaded surface. In addition, the platform is able to reach a maximum vertical height of 660 mm which aids up to two workers in reaching the top of the box wall. Platforms are available in a standard width (559 mm) or an extended width (838 mm) and have a capacity of 250 kg.

Sensing Mat: Located on the operator platform, the sensing mat is triggered by an operator's weight or placement of a foot. For safety purposes, an operator must be on the platform mat to enable the machine controls. This includes platform adjustment, pivoting conveyor motion and driving control.



Pivoting Conveyor: The pivoting conveyor enables an operator to adjust the horizontal and vertical position of the belt for optimal positioning to the box wall. Workers use a handle located at the side of the conveyor to release a brake allowing manual rotation (side to side) of the conveyor. For tilting up and down, the operator simply twists the handle much the same as a motorcycle throttle. Specifications for the pivoting conveyor include:

Belt Width: 610 mm

Capacity: 75 kg on 30° incline



Drive System and Operator Sensors: Each Destuff-IT™ machine is easily moved from dock to dock under its own independent power. These self-propelled machines have an integrated DC drive and steering system capable of negotiating dock leveler slopes and transition plates.

Operators use easy-to-reach controls to travel forward, reverse, left and right.

For operator safety, there is a leading edge travel sensor and an operator platform mat sensor.



Conveyor Integration: Destuff-IT™ machines can be integrated with a variety of conveyor types, including flexible roller conveyor, telescopic belt conveyor and cascading belt conveyor.

Our engineers will assess the product you want to convey and recommend a type of conveyor to suit your application or, integrate your new Destuff-IT™ machines with your existing conveyor.



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Productivity Gains

It is common for a single worker on a Destuff-IT™ to achieve a case rate in excess of 900 boxes per hour, depending on the size and weight of the box. Whether handling a single SKU or dozens, the Destuff-IT™ aids in getting boxes to the dock area for sorting and palletising in an efficient manner.

Whether the objective is to reduce injury or improve productivity, the Destuff-IT™ is an excellent solution. With proven productivity gains that reduce unload time, eliminate demurrage, standby and drop trailer charges; the Destuff-IT™ can also reduce the number of doors needed for the unload operation with more trailer turns per door.

- Increase Throughput - Destuff-IT™ operators unload containers up to 50% faster than the traditional step stool method.
- Reduce Man Hours - DCs and 3PL operations using a Destuff-IT™ have reported significant reductions in overtime charges typically realised during seasonal peaks.
- Improves Dock Utilisation - By bringing the palletising function onto the dock, workers are able to sort multiple SKUs as the product travels down the conveyor.

50% Reduction in Unload Costs

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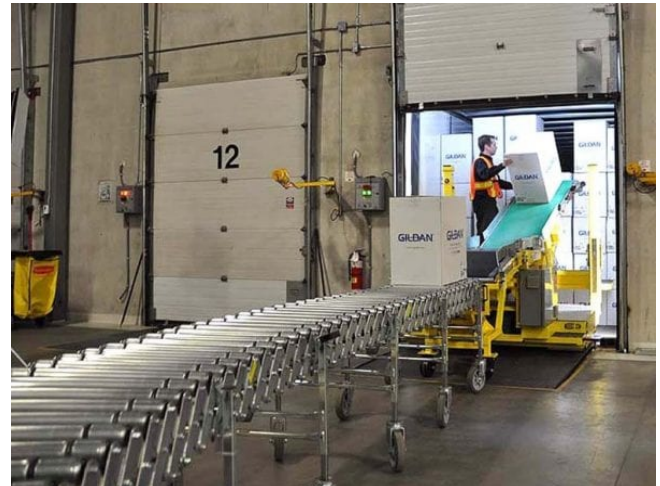
Testimonials

"The equipment (Destuff-IT™) is so simple, employees required very little training ... The ROI on our investment was approximately nine months and over a consecutive three years, thanks to enhanced ergonomics, training, standard operating practices, culture changing initiatives and to an extent our new Destuff-IT™ units, our logistics departments have experienced an 82 percent reduction in lost-time accidents and a comparable decrease in WSIB expenses."

George Soleas
Executive Vice President LCBO, Toronto

"The Destuff-IT™ has been an essential addition to our receiving process. We have increased our unload capacity from 1 container per day to 3 containers per day with most unloads taking 2 hours to complete. The containers vary with the amount of SKU's from 5 to 75 per container. The Destuff-IT™ has allowed us develop a better sorting process, because of the continuous movement and variable speed settings. The Destuff-IT™ investment has been well worth all of the effort to get it to our facility."

Scott Lane
Receiving Supervisor



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