



# Dumpster Access™

Safety Access Case Study  
Delta Cargo  
SeaTac, Washington

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## Situation

One of Delta Air Lines' warehouses, located at SeaTac International Airport in Washington state, needed a mobile OSHA-compliant dumpster access solution.

The previous method for garbage disposal

required employees to walk to the end of a loading dock and deposit refuse into a single dumpster below. However, the Delta Cargo warehouse needed to expand the loading dock for other purposes and space limitations on the SeaTac tarmac.



### Project Specs

Work Safe Access provided two OSHA-compliant Dumpster Access units for Delta Cargo. Each unit contains:

- 4 Tread, 5 Rise Stairs
- Chain-Rail (removable)
- 1 Platform
- Guardrails
- Mobility Wheels
- Peddle Lift System



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## Unique Challenges

### *Access Needs*

The refuse area, originally located at the end of the warehouse loading dock, was moved to an area outside the warehouse abutting the SeaTac tarmac. The warehouse is a high-traffic area, inside and out, from people to machinery to planes. The new dumpster area contains four dumpsters measuring 8' x 8' x 22'. A dumpster access solution needed to be OSHA-compliant, rugged, lightweight, and most critically, it needed to be mobile.

Located in the Pacific Northwest, SeaTac is one of the top 15 busiest airports in the United States. SeaTac has strict guidelines for its land use. The Delta Cargo warehouse is next to the tarmac and the new dumpsters are angled to make room between the warehouse and the flight line. The dumpsters are used constantly. The only access solution for this unique working footprint is mobile platform and stair units. These access units would need to stand up to slippery weather conditions and be extremely lightweight for the diverse workforce at the warehouse.

Rebecca Stratton, a member of the Delta Safety, Compliance, and Environmental team, originally contacted Work Safe Access for a dumpster access solution.

### *Mobility and Safety*

The key to a successful and useful access solution in the busy warehouse was ensuring

the access equipment is mobile and lightweight. Because space is a key issue for the management of foot, machinery, and airplane traffic, the combined stairs and platform needed to be extremely easy to move from dumpster to dumpster, and to be rolled out of the way when not in use. The units also needed a locking mechanism to safely stabilize the equipment for stationary use.

The Work Safe Access Dumpster Access product line has several versions for different needs and environment. Some are stationary, such as the ramp and platform equipment, while others are mobile. Beyond the standard products, the Dumpster Access units can be customized for any environment. In this case, Delta Cargo needed two four-tread mobile stairs that would safely reach a 45" platform height. The units also included the OSHA-compliant guard rails and chain-rails. For mobility, the units also included a peddle lift system with a safety lock mechanism that allows for easy maneuvering of the unit to and from the garbage dumpsters.

### *Added Services*

Before the project could get underway, Work Safe Access acted as the project manager working closely with Delta Cargo staff and other contractors to ensure the removal



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of two semi-truck loads of refuse materials and old containers. This allowed Delta Cargo to bring in four new refuse containers.



## Results

### *Safe, Slip Resistant Fall Protection And OSHA-Compliant Customized Access Solutions*

Work Safe Access provided a site survey and recommendations. Working with the Delta Cargo staff, Work Safe Access developed two customized versions of its Dumpster Access units. Staff can safely access the out-sized garbage disposal bins safely and efficiently.

Safe, mobile, and OSHA-compliant access was critical for Delta Cargo. In any weather condition, staff must be able to safely and quickly move the Dumpster Access units, lock the wheels, dump the refuse materials with ease. Perforated, self-draining aluminum treads and platforms eliminate walkway pooling and provide a non-slip surface.

Work Safe Access solutions are customized to accommodate any environment and are designed to provide the safest access possible.



***“The Dumpster Access units are convenient, lightweight, and easy to transport. This is an efficient, practical solution in a tight footprint. I would absolutely recommend Work Safe Access and the Dumpster Access products.”***

– *Rebecca Stratton*  
Team member,  
Delta Safety, Compliance,  
and Environmental Team  
Delta Cargo

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Dumpster Access products are manufactured by Work Safe Access. Work Safe Access is a division of Welcome Ramp Systems.