



UniLock Vehicle Restraint

Features and Benefits

- Increased Efficiency
- Reduced Loading Time
- Advanced Cam Design

Industry Group: Refrigerated Transportation

“Our trucks were being secured to the docks, but the restraint was getting stuck when pressure was applied. The new UniLock has saved us a lot of time by not needing the trucks to reverse each time we want to release the trailer from the restraint” – General Manager



Poweramp's TPR UniLock Restraint

Opportunity: A cold storage and transportation company was ready to release their “RIG Wedge”.

Challenges: The momentum during the company's loading/unloading process caused the trailer to move forward, creating “RIG Wedge” on some trailers, where the Rear Impact Guard is pressed into the restraint and doesn't allow the hook to disengage when loading/unloading is complete. This would force the truck driver to reverse the trailer in order to release the restraint from the RIG.

The Solution: Poweramp decided that the new UniLock Vehicle Restraint was the perfect way to deal with RIG Wedge. The UniLock has an advanced cam design that first rotates the hook away from the Rear Impact Guard to release RIG Wedge pressure and then down into a stored position. This makes the restraint universally effective on any obstructed RIG, including Intermodal trailers. This removed the customer's “RIG Wedge” and saved them a tremendous amount of time at the loading docks.



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