



How To Prevent Pallet Rack Damage

3 MAIN SOURCES

OF PALLET RACK DAMAGE

Forklifts

Forklifts are the leading cause of pallet rack damage. If the pallet rack has a fight with a forklift, the forklift will win every time. While immediate rack collapse is not highly likely, forklift impact can affect the rack's structural integrity which could eventually lead to failure.



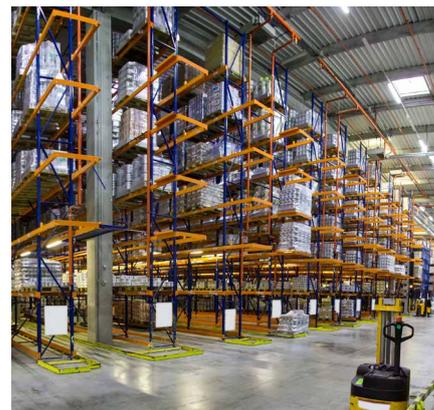
Improperly loaded racks

Improperly loaded racks are unfortunately common – and very dangerous. This includes unevenly distributed loads, as well as loads that are too heavy for the beam and/or and frame capacities.



Harsh environmental conditions

Harsh environmental conditions can be a source of extreme wear and tear to your storage rack systems. Refrigerated or freezer storage, outdoor storage, and extremely wet conditions are some types of intense environments that can cause damage pallet racks.

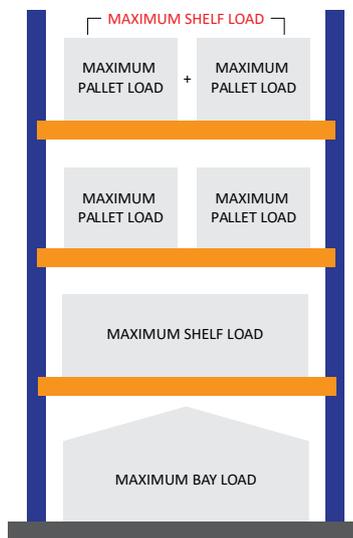


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Proper racking capacity

Choose the proper racking capacity for what you intend to store. If you foresee your needs changing in the future, it might be prudent to invest in higher capacity racking than what you need now.



Employee training

Employee training should be at the top of your list. Forklifts drivers should be certified and complete an OSHA-approved safety course annually. All warehouse employees should be trained and knowledgeable about the racking system and its maintenance.

Regular rack inspections

Implementing regular rack inspections is crucial to any warehouse safety strategy. In addition to annual inspections performed by qualified professionals, train your employees to perform frequent walk-throughs and visual inspections.

Repair or replace components

Repair or replace damaged components before a serious accident can occur. It should go without saying that damaged rack must be repaired or replaced immediately. Your regular professional and in-house inspections will help you to identify possible problems before it's too late.

Good visibility

Good visibility is important to forklift safety. Excellent lighting, mirrors, back up alarms, and other devices will all contribute to driver awareness, which is key to preventing forklift damage.

Choose the proper type

Consider structural rack for cold storage, outdoor applications, and wet environments, or if you expect a lot of forklift abuse.

Rack protection products

Rack protection products may involve an initial higher cost, but the damage these products can prevent is significant, making them quite cost efficient in the long run. Rack protection products include post protectors, end-of-aisle guards, and bollards. For more information on our rack protection go to [dexters.co.nz](https://www.dexters.co.nz)