

Push Back Rack

Operating Guidelines

Push back rack systems have many benefits. The unique design requires modified operating procedures.

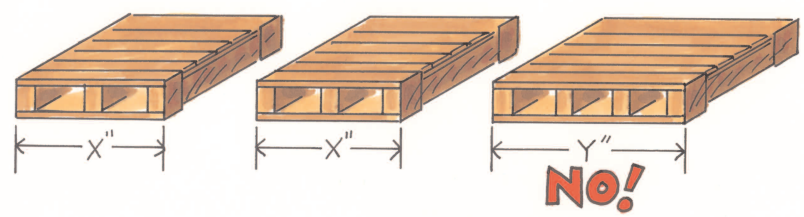
Safe, efficient, and maintenance-free operation is primarily a function of the material handler using the fork truck properly. Read and understand the following instructions prior to using a push back rack system. If you do not understand any of these guidelines, contact your supervisor.



DO

DO NOT

DANGER



• **DO** Use only the pallet type for which the system was designed

• **DO NOT** store different pallet types or sizes than what system designed for

• **DANGER** Pallets used on carts not designed for that specific pallet may become damaged, fall from rack, cause cart hang-ups, etc.

• **DO** Use only undamaged pallets in like-new condition

• **DO NOT** use damaged pallets (cracked, broken, or missing boards, protruding nails, etc.)

• **DANGER** Damaged pallets may cause carts to hang up, making the lane unusable and unsafe

• **DO** Store only loads weighing the same or less than the design-load weight

• **DO NOT** store heavier loads in the rack system

• **DANGER** Heavy loads may cause pallet damage and overloading of the rack system, possibly leading to collapse of the entire structure

• **DO** Store the same load weights within each lane

• **DO NOT** store loads of different weights within the same lane

• **DANGER** Heavier loads may push lighter loads out of the lane and into the aisle below, possibly causing injury or damage

• **DO** Make sure that loads are secured to the pallet (banded, shrink wrapped, etc.)

• **DO NOT** store unsecured or overhanging loads in push back rack

• **DANGER** Unsecured loads could spill into the aisle causing injury or damage

• **DO** Avoid any impact to the rack structure

• **DO NOT** hit the rack when loading or unloading

• **DANGER** Rack system may be knocked out of plumb, or the components may be damaged, becoming unsafe and unusable

• **DO** Tilt forks "up" when entering push back lane to load or unload

• **DO NOT** operate truck with forks at or below horizontal

• **DANGER** Forks can run under cart braces and subsequently dislodge or damage the cart

• **DO** Enter rack with pallet 3" above cart

• **DO NOT** enter rack with pallet higher or lower than 3" above the cart or rails

• **DANGER** Loading pallet should push the previously loaded pallets, not the loads or carts, to avoid dislodging the load or cart

• **DO** Slowly move pallet into system until back stop is first contacted

• **DO NOT** place or drop pallet on top of back stop guides

• **DANGER** Carts may be damaged and/or subsequent carts may not be able to be loaded.

• **DO** Center the pallet left-to-right over cart before lowering onto cart

• **DO NOT** place load on cart off-center

• **DANGER** Off-center loads can "catch" on the rack and cause cart hangups

• **DO NOT** place pallet on cart and then center with side shifter

• **DANGER** Side shifting with the pallet on the cart may dislodge the cart from the rails

• **DO** Slowly lower pallet onto cart

• **DO NOT** drop pallet onto cart

• **DANGER** Cart and/or pallet may be damaged making the system inoperable

• **DO** Use the fork truck to control the speed of cart movement

• **DO NOT** "slingshot" loads into the system or remove pallets so rapidly that carts free-fall to the loading position

• **DANGER** Rapid cart movement may dislodge carts or loads, making the system inoperable or creating a hazard from falling loads

• **DO** In the event of a cart hang-up, use another load to gently nudge the problem cart

• **DO NOT** rapidly or with excessive force push the hang up cart

• **DANGER** A gentle nudge is often all that is required to free a problem cart; excessive force can damage the cart, pallet, or load

• **DO** In the event of a stubborn cart hang-up, place another load in front of it until the obstruction causing the hang up can be cleared

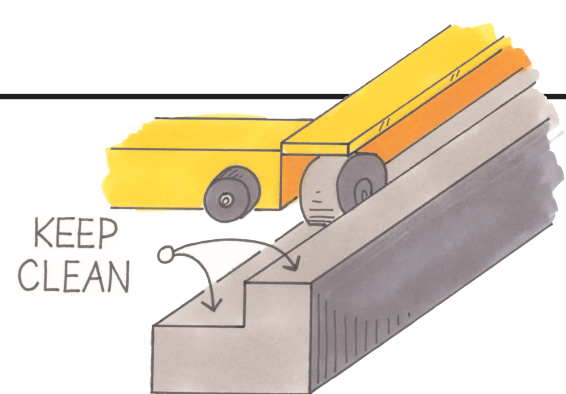
• **DO NOT** climb into rack or clear obstructions on hung up carts without preventing the cart from moving

• **DANGER** Once freed, rapid cart movement may dislodge carts or loads, making the system inoperable or creating a hazard from falling loads; the moving cart could strike you causing injury

• **DO** Keep the system clean cleared.

• **DO NOT** allow debris to accumulate on rails

• **DANGER** Debris on rails can prevent carts from moving or cause hang-ups



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