

# WEBINARS

## Pallet Jack Safety

This training program will review the safety issues pertaining to the operation of energized pallet jacks so attendees will gain a greater awareness of the hazards they present.





## Today's Objective

*“To gain a greater awareness of the fundamentals of Pallet Jack safety”*



## DANGERS

- Powerful
- Heavy
- Require Your Undivided Attention & Respect



## Physical Forces that Affect Safety

- Gravity
- Inertia
- Centrifugal Force



Most Common Injuries Among Walkie Operators & Pedestrians

**Crushing injuries to the body**



## Changing Environment

*The working environment can change. Always be on the lookout for things that weren't there before.*



**Lift trucks have revolutionized the work environment**

Makes Work Easier  
Saves Time and Money



## Training Schedule

- Initial training with roadtest
- Retraining if necessary
- Re-evaluation every 3 yrs.



## Variety of Styles

Walkie



Walkie-Rider

» XXX



## Vehicle Functions

- Walkies move pallets short distances at about 3 mph
- Walkie-riders move pallets a greater distance at speeds up to 9-10 mph



## Pre-Start Safety Inspection

- Items needing to be inspected.
  - ID Plate
  - Steering
  - Brakes
  - Hydraulics
  - Horn
  - Controls
  - Wheels



## Inspection Checklist

- Battery damage and clean vent holes
- Truck damage and proper operation
- Pallet arm, draw bar, tiller or tire damage
- Properly working controls.



## Inspection Results

- Report problems to supervisor
- Never fix problems yourself.





## OSHA reminders

- Such examination shall be made at least daily.
- Where industrial trucks are used on an around-the-clock basis they shall be examined after each shift.
- Defects when found shall be immediately reported and corrected.
- A record of each inspection must be kept on file.



## Operational Details

Low-lift powered industrial trucks have:

- Three-point suspension system with drive wheel
- Load wheels
- Stability casters or bars
- Tiller steering with controls on handle.



## Differences in Powered Pallet Jacks

- Location of Controls
- Dimensions
- Touch and Feel of Controls
- Speed



## Picking Up a Load

- *Approach with platforms (forks) lowered, squared and centered to provide good support*
- *Move under the load as far as possible*
- *Make sure the load is stable before lifting*



## **Picking Up a Load** (continued)

- *Raise the load slowly and steadily until it's high enough for good floor clearance (about 4 inches)*
- *Make sure the platforms (forks) are supporting the load*
- *Don't force the load; stay within the rated capacity (see ID Plate)*



## **Moving a Load**

- *Position yourself for best visibility then travel facing in that direction*
- *Move slowly*
- *Sound the horn to alert others*



## While Moving a Load

- At corners & doorways stop and sound horn
- Be extra careful going around corners
- Scan to both sides



## Moving Loads

- Go slowly
- Stable
- Inspect pallets



## On the Move

- Watch for pedestrians
- Stay out of walkways
- Avoid speeding
- Never block exits or access routes



## Setting Down the Load

- Position the load directly over the drop-off point
- Lower the platform (forks) until load is resting solidly on the ground
- Back away slowly



## Operating on Docks

- Dockboards / bridgeplates
- Stay clear of the dock's edge
- Remember the dock areas are where most material moving equipment accidents occur.



## Operating on Ramps

- Keep load downgrade
- Never turn on ramp or slope



## Actions to Avoid

- *Avoid sudden starts and stops*
- *Never allow anyone to ride on the jack*
- *Do not travel with an obstructed view*
- *No horseplay*



## Battery Acid

- **WEAR PROTECTIVE EQUIPMENT**

- Goggles
- Rubber Gloves
- Rubber Apron



# EXTREME CAUTION

Combustible and  
flammable materials &  
sparks don't mix



**Stay Alert at all Times**





