

## Safety Equipment

In several warehouse, agricultural and manufacturing operations and industries which utilized powered forklifts or lift trucks regularly inside the workplace. These industrial powered forklifts can be used to raise and lower objects in addition to transfer items which are either stored in pallets or containers to other locations on the property or ship merchandise to different locations. These industrial machinery help to be able to enhance productivity at the jobsite by reducing the need for excessive manual handling of stuff by staff. According to the National Institute for Occupational Safety and Health, there are just about twenty thousand severe injuries every year in America and around one hundred fatalities due to the result of forklift incidents.

Every different lift truck or forklift consists of various load capacities. Where a load is concerned, every unit will differ for particular maximum weight and forward center gravity. Injuries for staff usually happen from collision with pedestrians, falls from the forklift, forklift overturn or crushing incidents. Operator falls could occur as the employee ascends or descends into the driver cab or becomes ejected from the machine in the event of an incident or a collision. Lift trucks can overturn because of having an unequal center of gravity of the cargo, or from being over-loaded or traveling over an uneven surface which could cause the vehicle to topple over. It is essential for other co-workers to observe strict preventive policies when working next to the forklift. Without sufficient preventive measures, pedestrian co-workers are at risk from collisions or accidents associated with an unsafe cargo.

In relation to lift truck training, maintenance and operation, there are strict standards and training to be observed. Like for example, individuals who are under eighteen years old and are in non-agricultural trades are allowed not to operate a forklift truck. It is vital that all forklift operators should have undergone both theoretical and practical training prior to commencing forklift operation and they are likewise needed to take refresher courses.

The "American National Standard for Powered Industrial Trucks, ANSI B56.1-1969 are the standards that all powered industrial trucks need to comply with. The particular OSHA standards which employers and employees have to follow as stated in the General Industry Standards consist of 1910.178 "Powered industrial trucks", and standards for Marine Terminals 29 CFR 1917 Subpart C, "Cargo handling gear and equipment" and Long shoring 29 CFR 1918 Subpart G, "Cargo handling gear and equipment other than ship's gear.

There are various other directives and regulations which are important for employers to be aware of. The NIOSH and OSHA both comprehensively outline regulations or signpost employers and employees to all regulations that apply.