

## Fork Mounted Work Platform

Fork Mounted Work Platforms - For the manufacturer to follow requirements, there are certain standards outlining the requirements of lift truck and work platform safety. Work platforms can be custom made as long as it meets all the design criteria according to the safety requirements. These custom-made designed platforms have to be certified by a licensed engineer to maintain they have in actuality been made according to the engineers design and have followed all requirements. The work platform needs to be legibly marked to show the label of the certifying engineer or the manufacturer.

Certain information is needed to be marked on the equipment. For example, if the work platform is customized built, a unique code or identification number linking the certification and design documentation from the engineer must be visible. When the platform is a manufactured design, the serial or part number to allow the design of the work platform must be marked in able to be associated to the manufacturer's documentation. The weight of the work platform while empty, in addition to the safety requirements which the work platform was constructed to meet is among other necessary markings.

The maximum combined weight of the tools, individuals and supplies acceptable on the work platform is known as the rated load. This information should likewise be legibly marked on the work platform. Noting the minimum rated capacity of the lift truck that is required to be able to safely handle the work platform can be determined by specifying the minimum wheel track and forklift capacity or by the model and make of the forklift which could be used together with the platform. The process for fastening the work platform to the forks or fork carriage should likewise be specified by a professional engineer or the producer.

Various safety requirements are there to be able to ensure the floor of the work platform has an anti-slip surface. This must be located no farther than 8 inches more than the regular load supporting area of the tines. There should be a way given in order to prevent the carriage and work platform from pivoting and revolving.

### Use Requirements

The lift truck should be used by a skilled operator who is certified by the employer to be able to utilize the machine for raising employees in the work platform. The work platform and the lift truck should both be in compliance with OHSR and in satisfactory condition prior to the application of the system to raise personnel. All manufacturer or designer instructions that relate to safe utilization of the work platform should likewise be accessible in the workplace. If the carriage of the forklift is capable of pivoting or revolving, these functions should be disabled to maintain safety. The work platform must be locked to the forks or to the fork carriage in the precise way given by the work platform maker or a licensed engineer.

One more safety standard states that the combined weight of the work platform and rated load should not exceed one third of the rated capability for a rough terrain forklift. On a high lift truck combined loads must not exceed 1/2 the rated capacities for the reach and configuration being utilized. A trial lift is needed to be performed at every job site instantly before lifting workers in the work platform. This process guarantees the forklift and be placed and maintained on a proper supporting surface and even in order to ensure there is sufficient reach to put the work platform to allow the job to be finished. The trial practice also checks that the mast is vertical or that the boom can travel vertically.

A trial lift must be performed at each job location right away before lifting employees in the work platform to guarantee the forklift can be situated on an appropriate supporting surface, that there is sufficient reach to locate the work platform to allow the job to be finished, and that the mast is vertical or the boom travels vertically. Utilizing the tilt function for the mast could be utilized in order to assist with final positioning at the task site and the mast needs to travel in a vertical plane. The test lift determines that ample clearance can be maintained between the work platform and the elevating mechanism of the lift truck. Clearance is likewise checked in accordance with scaffolding, storage racks, overhead obstructions, as well as any surrounding structures, as well from hazards like for example live electrical wires and energized equipment.

A communication system between the lift truck driver and the work platform occupants must be implemented in order to efficiently and safely control work platform operations. If there are many occupants on the work platform, one person need to be chosen to be the main individual responsible to signal the lift truck driver with work platform motion requests. A system of arm and hand signals should be established as an alternative method of communication in case the primary electronic or voice means becomes disabled during work platform operations.

According to safety measures, employees should not be transported in the work platform between different job sites. The work platform needs to be lowered so that employees can exit the platform. If the work platform does not have railing or sufficient protection on all sides, every occupant should put on an appropriate fall protection system connected to a chosen anchor point on the work platform. Staff need to perform functions from the platform surface. It is strictly prohibited they do not stand on the railings or utilize any mechanism in order to add to the working height on the work platform.

Finally, the forklift operator should remain within ten feet or three meters of the lift truck controls and maintain visual communication with the work platform and with the lift truck. If the forklift platform is occupied the operator must abide by the above standards and remain in contact with the work platform occupants. These information aid to maintain workplace safety for everybody.