

## Fork Mounted Work Platform

Fork Mounted Work Platform - For the manufacturer to follow requirements, there are specific requirements outlining the standards 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 standards. These customized made platforms must be certified by a licensed engineer to maintain they have in actuality been manufactured in accordance with the engineers design and have followed all requirements. The work platform ought to be legibly marked to display the name of the certifying engineer or the producer.

Specific information is required to be marked on the equipment. For example, if the work platform is customized made, an identification number or a unique code linking the certification and design documentation from the engineer has to be visible. When the platform is a manufactured design, the serial or part number to allow the design of the work platform need to be marked in able to be linked to the manufacturer's documentation. The weight of the work platform if empty, along with the safety requirements which the work platform was built to meet is amongst other necessary markings.

The most combined weight of the equipment, individuals and materials allowable on the work platform is known as the rated load. This information must also be legibly marked on the work platform. Noting the minimum rated capacity of the forklift which is needed in order 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 lift truck which could be utilized together with the platform. The method for connecting the work platform to the forks or fork carriage should also be specified by a professional engineer or the manufacturer.

Various safety requirements are there to be able to guarantee the base of the work platform has an anti-slip surface. This needs to be placed no farther than 8 inches more than the normal load supporting area of the tines. There must be a way provided so as to prevent the carriage and work platform from pivoting and revolving.

### Use Requirements

The forklift should be used by a qualified operator who is authorized by the employer so as to utilize the machine for hoisting personnel in the work platform. The lift truck and the work platform must both be in compliance with OHSR and in good condition prior to the utilization of the system to raise workers. All maker or designer instructions that pertain to safe operation of the work platform should also be accessible in the workplace. If the carriage of the lift truck is capable of pivoting or turning, these functions must be disabled to maintain safety. The work platform must be locked to the fork carriage or to the forks in the precise manner provided by the work platform manufacturer or a professional engineer.

Different safety ensuring standards state that the weight of the work platform together with the maximum rated load for the work platform should not go beyond one third of the rated capacity of a rough terrain forklift or one half the rated capability of a high lift truck for the reach and configuration being used. A trial lift is required to be carried out at each task site at once prior to lifting workers in the work platform. This process guarantees the forklift and be positioned and maintained on a proper supporting surface and also to ensure there is sufficient reach to locate the work platform to allow the task to be done. The trial process likewise checks that the boom can travel vertically or that the mast is vertical.

Prior to utilizing a work platform a test lift must be performed at once before hoisting personnel to ensure the lift could be correctly located on an appropriate supporting surface, there is adequate reach to place the work platform to perform the required task, and the vertical mast could travel vertically. Utilizing the tilt function for the mast could be utilized in order to assist with final positioning at the job site and the mast must travel in a vertical plane. The trial lift determines that sufficient clearance can be maintained between the elevating mechanism of the lift truck and the work platform. Clearance is likewise checked according to scaffolding, storage racks, overhead obstructions, and whatever nearby structures, as well from hazards like for instance live electrical wires and energized machine.

Systems of communication need to be implemented between the lift truck driver and the work platform occupants to be able to safely and efficiently manage operations of the work platform. When there are many occupants on the work platform, one individual has to be chosen to be the primary person responsible to signal the lift truck operator with work platform motion requests. A system of hand and arm signals have to be established as an alternative mode of communication in case the main electronic or voice means becomes disabled during work platform operations.

Safety measures dictate that personnel must not be moved in the work platform between job locations and the platform must be lowered to grade or floor level before anybody goes in or exits the platform also. If the work platform does not have railing or adequate protection on all sides, each and every occupant has to be dressed in an appropriate fall protection system attached to a designated anchor point on the work platform. Staff must carry out functions from the platform surface. It is strictly prohibited they do not stand on the railings or utilize any mechanism in order to increase the working height on the work platform.

Finally, the lift truck operator has to remain within ten feet or three meters of the forklift controls and maintain visual communication with the work platform and with the lift truck. If the forklift platform is occupied the driver ought to follow the above standards and remain in contact with the work platform occupants. These instructions help to maintain workplace safety for everyone.