

## Pallet Stackers

A pallet stacker is a type of pallet jack that is used to transfer, stack and lift palletized commodities that are too heavy for manual lifting. Its main function is to load and unload pallets on vehicles, and also transferring pallets to and from an assortment of locations within a storeroom space or stockroom. Most pallet stackers are manufactured of heavy duty materials to hold up extreme weights. Pallet stackers are sometimes identified as pallet jacks. They may be operated from a seated, upright or walk-behind position. Pallet jacks are divided into manual and powered styles.

Pallet jacks are generally comprised of a set of forks that are able to slide underneath a pallet, capable of raising to a preferred height or transporting it to a specific location. The motor compartment or casing houses the gas-run, electronic or hydraulic equipment that powers the piece of equipment.

Manual pallet jacks are hand-powered. They function hydraulically to make hauling tedious pallets an easier job. Commonly a walk-behind version meaning they are operated by pulling and pushing the jack to its desired location. Utilizing a foot pedal or handle raises the stacker's forks. Squeezing a handle or trigger returns the forks to the ground. These designs of pallet stackers are ideal for lighter loads of up to approximately 1 ton or 907.18 kg.

Electric or gas driven pallet jacks can accommodate heavy lifting weights of up to 5 tons or 4535.92 kg. They are physically less demanding than the manual models due to the automated power to elevate and lower the stacker's forks. These models are steered by turning the handle in a specific direction. There is a button on the handle that functions to raise and lower the forks. A throttle found on the stacker's grips moves the appliance forward and in reverse. This type of equipment is regularly referred to as a forklift and is operated from a sit-down posture.

As the fork width, load limit and lift height fluctuate dramatically between separate styles, picking the correct pallet jack to suit the job is vital. Some stacker's lift height may allow several pallets to be stacked, while others might only tolerate two at a time. Some models of these lift trucks feature an adaptable fork in order to allow the stacker to slide underneath pallets of atypical sizes and shapes. Multiple fork models might be fairly effective when different varieties of pallets are being utilized in the same stockroom.