

Pallet Stackers

A pallet stacker is a variety of pallet jack that is used to transport, stack and lift palletized goods that are overly arduous for manual lifting. Its main function is to load and unload pallets on vehicles, in addition to transferring pallets to and from various locations within a storeroom space or warehouse. Most pallet stackers are constructed of heavy duty materials to hold up tremendous weights. Pallet stackers are occasionally identified as pallet jacks. They can be operated from a seated, upright or walk-behind position. Pallet jacks are separated into manual and powered styles.

Pallet jacks are normally comprised of a set of forks that are capable of sliding under a pallet, capable of lifting to a preferred height or moving it to a specific location. The engine compartment or casing houses the gas-run, electronic or hydraulic apparatus that powers the appliance.

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

Most jacks may accommodate the raising of heavy weights to around 5 tons with either the gas or electric models. They are physically less demanding to maneuver than the manual models thanks to the hydraulic power that lifts and lowers the forks. These styles are steered by turning the handle in a particular direction. There is a button on the knob that functions to hoist and lower the forks. A throttle found on the stacker's grips moves the machine forward and in reverse. This variety of equipment is generally known as a lift truck and is operated from a sit-down posture.

As the fork width, weight maximum and lift peak differ dramatically between individual styles, selecting the right pallet jack to fit the job is critical. Some stacker's lift height may allow multiple pallets to be stacked, while others might only allow two at a time. Certain types of these hoists include an modifiable fork so as to permit the jack to slide under pallets of atypical sizes and shapes. Multiple fork models might be fairly effective when different types of pallets are being used in the same warehouse.