

## Pallet Stackers

A pallet stacker is a type of pallet jack that is used to transport, stack and lift palletized commodities that are overly difficult for manual lifting. Its key function is to load and unload pallets on trucks, as well as transferring pallets to and from an assortment of places within a storage space or warehouse. For the most part pallet jacks are manufactured of heavy duty materials to withstand extreme weights. Pallet stackers are often called pallet jacks. They can be operated from a seated, upright or walk-behind position. Pallet stackers are divided into manual and powered types.

Pallet jacks are commonly comprised of a pair of forks that are able to slide beneath a pallet, capable of raising to a preferred height or moving it to a specified location. The motor section or casing houses the gas-run, electronic or hydraulic gear that powers the piece of equipment.

Manual pallet stackers are hand-powered. They run hydraulically to make hauling burdensome pallets an easier task. Usually a walk-behind version meaning they are utilized by pulling and pushing the jack to its desired location. Using a foot pedal or lever 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.

Most stackers can accommodate the raising of heavy weights to around 5 tons with either the gas or electric machines. They are physically less demanding to work than the labor-intensive versions thanks to the hydraulic power that lifts and lowers the forks. These styles are steered by rotating the handle in a specific direction. There is a button on the knob that functions to hoist and lower the forks. A throttle set up on the stacker's grips moves the device forward and in reverse. This type of equipment is commonly referred to as a forklift and is used from a sit-down posture.

As the fork width, weight maximum and lift peak differ dramatically between specific styles, picking the correct pallet jack to suit the job is vital. Some stacker's lift height may permit many pallets to be stacked, while others may only permit two at a time. Some models of these lift trucks include an changeable fork so as to allow the stacker to slide beneath pallets of different sizes and shapes. These designs are efficient when a mixture of styles of pallets are common within a workspace.