

## Pallet Stackers

A pallet stacker is a kind of pallet jack that is employed to transport, stack and lift palletized goods that are too arduous for manual lifting. Its main purpose is to load and unload pallets on trucks, as well as transferring pallets to and from a variety of places within a stockroom space or warehouse. Most pallet jacks are built of heavy duty materials to endure tremendous weights. Pallet stackers are often referred to as pallet jacks. They can be operated from a seated, upright or walk-behind position. Pallet stackers are divided into manual and powered types.

Certain fundamental components comprise the pallet stacker. There are forks that slide beneath a pallet, capable of transporting and lifting it to a preferred height. The engine compartment or casing houses the gas-run, electronic or hydraulic gear that powers the appliance.

Commonly, pallet stackers come in walk-behind models that are hand-powered. This means that they are moved by pushing and pulling the jack into its preferred location, while lifting the heavy pallets can be operated hydraulically making this task a good deal easier. Using a foot pedal or handle raises the stacker's forks. Squeezing a handle or trigger returns the forks to the floor. These designs of pallet jacks are ideal for lighter loads of up to approximately 1 ton or 907.18 kg.

Most jacks can accommodate the lifting of heavy weights to around 5 tons with both the gas or electric versions. They are physically less demanding to control than the labor-intensive versions thanks to the hydraulic power that elevates and lowers the forks. These versions are steered by rotating the handle in a specific direction. There is a button on the knob that functions to lift and lower the forks. A throttle set up on the stacker's handle moves the device forward and in reverse. This type of equipment is regularly known as a forklift and is operated from a sit-down posture.

As the fork width, weight limit and lift peak vary dramatically between separate designs, picking the right pallet jack to suit the activity is essential. Some stacker's lift peak may tolerate multiple pallets to be stacked, while others might only permit two at a time. Certain models of these forklifts feature an changeable fork so as to allow the jack to slide underneath pallets of atypical sizes and shapes. Multiple fork models can be quite successful when different types of pallets are being utilized in the same stockroom.