

## Pallet Stackers

Pallet stackers are a type of pallet jack that can be used to stack, transfer and lift goods positioned on a pallet that are far too tedious for physical lifting. Primarily these mechanisms are utilized to load and unload cargo from trucks and to transport pallets from one site to another within a stockroom or storeroom space. Most pallet jacks are manufactured of heavy duty materials to withstand extreme weights. Pallet stackers are often identified as pallet jacks. They can be operated from a seated, upright or walk-behind position. Pallet stackers are separated into manual and powered styles.

Certain basic items comprise the pallet stacker. There are forks that slide beneath a pallet, capable of moving and raising it to a preferred height. The motor section or casing houses the gas-run, electronic or hydraulic equipment that powers the machine.

Normally, pallet jacks come in walk-behind models that are hand-powered. This means that they are moved by pushing and pulling the stacker into its preferred location, while lifting the heavy pallets can be operated hydraulically making this duty a great deal easier. Using a foot pedal or lever raises the stacker's forks. Squeezing a lever 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.

Electric or gas powered pallet jacks can accommodate extreme lifting weights of up to 5 tons or 4535.92 kg. They are physically less demanding than the manual designs thanks to the mechanized power to hoist and let down the stacker's forks. These versions are steered by rotating the handle in a particular direction. There is a button on the knob that operates to raise 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 generally known as a forklift and is used from a sit-down posture.

As the fork width, load maximum and lift peak fluctuate dramatically between separate versions, picking the right pallet stacker to suit the activity is important. Some stacker's lift height may tolerate multiple pallets to be stacked, while others might only allow two at a time. Certain designs of these hoists feature an adjustable fork so as to allow the stacker to slide underneath pallets of atypical sizes and shapes. Numerous fork models may be quite successful when different varieties of pallets are being used in the same stockroom.