

## Pallet Stackers

A pallet stacker is a type of pallet jack that is utilized to transport, stack and haul palletized merchandise that are too difficult for manual lifting. Its main purpose is to load and unload pallets on vehicles, and also transferring pallets to and from a variety of places within a stockroom space or stockroom. On the whole pallet stackers are manufactured of heavy duty materials to hold up tremendous weights. Pallet stackers are sometimes identified as pallet jacks. They can be operated from a seated, upright or walk-behind position. Pallet stackers are divided into manual and powered styles.

Some fundamental items comprise the pallet stacker. There are forks that slide under a pallet, capable of moving and raising it to a preferred height. The motor compartment or casing houses the gas-run, electronic or hydraulic apparatus that powers the piece of equipment.

Manual pallet stackers are hand-powered. They operate hydraulically to make hauling tedious pallets an easier job. Typically a walk-behind version meaning they are operated by pulling and pushing the stacker to its preferred location. Utilizing a foot pedal or lever raises the stacker's forks. Squeezing a lever or trigger returns the forks to the floor. These models of pallet jacks are perfect for lighter loads of up to approximately 1 ton or 907.18 kg.

Electric or gas powered pallet stackers can accommodate heavy lifting weights of up to 5 tons or 4535.92 kg. They are physically less demanding than the manual styles due to the automated power to lift 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 functions to raise and lower the forks. A throttle found on the stacker's handle moves the device forward and in reverse. This type of equipment is regularly referred to as a lift truck and is used from a sit-down position.

As the fork width, load maximum and lift peak differ dramatically between individual versions, selecting the right pallet jack to suit the job is essential. Some stacker's lift height may tolerate multiple pallets to be stacked, while others might only permit two at a time. Certain designs of these hoists include an adaptable fork so as to permit the stacker to slide underneath pallets of atypical sizes and shapes. Several fork models might be quite successful when different types of pallets are being used in the same stockroom.