

## Pallet Stackers

A pallet stacker is a kind of pallet jack that is employed to move, stack and haul palletized commodities that are overly difficult for manual lifting. Its key purpose is to load and unload pallets on vehicles, as well as transferring pallets to and from a variety of locations within a stockroom space or stockroom. On the whole pallet stackers are made of heavy duty materials to endure tremendous weights. Pallet stackers are occasionally referred to as pallet jacks. They can be operated from a seated, upright or walk-behind position. Pallet stackers are separated into manual and powered styles.

Pallet stackers are generally comprised of a set of forks that are capable of sliding underneath a pallet, capable of raising to a desired height or transporting it to a particular location. The engine section or casing houses the gas-run, electronic or hydraulic apparatus that powers the appliance.

Typically, pallet stackers come in walk-behind versions that are hand-powered. This means that they are moved by pushing and pulling the jack into its desired location, while raising the heavy pallets will be operated hydraulically making this chore much easier. 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.

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 models due to the automatic power to lift and lower the stacker's forks. These styles are steered by turning the handle in a specific direction. There is a button on the knob that operates to hoist and lower the forks. A throttle found on the stacker's grips moves the machine forward and in reverse. This style of equipment is generally referred to as a lift truck and is operated from a sit-down position.

Picking the correct version of pallet jack can be somewhat critical as machines will have varying lift functionality, along with varying fork widths. Some types of stackers may only permit two pallets to be loaded at one time, while other versions might be capable to stack many pallets. Some models of these lift trucks include an adaptable fork in order to allow the jack to slide beneath pallets of unusual sizes and shapes. These designs are effective when an assortment of kinds of pallets are used within a workspace.