

Pallet Stackers

A pallet stacker is a variety of pallet jack that is utilized to move, stack and lift palletized merchandise that are overly difficult for manual lifting. Its key purpose is to load and unload pallets on vehicles, and also transferring pallets to and from various places within a storeroom space or warehouse. Most pallet jacks are made of heavy duty materials to endure extreme 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 styles.

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

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 desired location, while lifting the heavy pallets can be operated hydraulically making this duty much easier. Using a foot pedal or lever raises the stacker's forks. Squeezing a lever or trigger returns the forks to the floor. These types of pallet stackers are perfect 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 either the gas or electric machines. They are physically less demanding to control than the manual versions due to the hydraulic power that lifts and lowers the forks. These models are steered by rotating the handle in a specific direction. There is a button on the handle that operates to raise and lower the forks. A throttle set up on the stacker's handle moves the machine forward and in reverse. This variety of equipment is commonly referred to as a lift truck and is operated from a sit-down posture.

As the fork width, weight limit and lift peak vary dramatically between separate styles, selecting the right pallet jack to suit the activity is essential. Some stacker's lift height may tolerate multiple pallets to be stacked, while others may only permit two at a time. Some models of these forklifts include an modifiable fork so as to permit the stacker to slide beneath pallets of different sizes and shapes. Multiple fork models can be fairly successful when different types of pallets are being utilized in the same warehouse.