Pallet Stackers

Pallet stackers are a style of pallet jack that can be employed to stack, transport and lift cargo placed on a pallet that are far too burdensome for manual lifting. Mostly these mechanisms are utilized to load and unload goods from trucks and to move pallets from one site to another within a warehouse of storage space. On the whole pallet stackers are built of heavy duty materials to withstand extreme weights. Pallet stackers are occasionally called pallet jacks. They can be operated from a seated, upright or walk-behind position. Pallet jacks are divided into manual and powered varieties.

Pallet jacks are generally comprised of a pair of forks that are capable of sliding under a pallet, capable of lifting to a desired height or transporting it to a particular location. The motor compartment or casing houses the gas-run, electronic or hydraulic gear that powers the piece of equipment.

Manual pallet stackers are hand-powered. They function hydraulically to make lifting burdensome pallets an easier task. Usually a walk-behind version meaning they are operated by pulling and pushing the jack to its preferred location. Utilizing a foot pedal or lever raises the stacker’s forks. Squeezing a handle 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 may accommodate the raising of heavy weights to around 5 tons with either the gas or electric versions. They are physically less demanding to maneuver than the labor-intensive models due to the hydraulic power that hoists and lowers the forks. These versions 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 set up on the stacker’s grips moves the machine forward and in reverse. This variety of equipment is commonly referred to as a forklift and is used from a sit-down position.

As the fork width, load maximum and lift peak vary dramatically between different versions, selecting the right pallet stacker to fit the job is critical. Some stacker’s lift height may tolerate many pallets to be stacked, while others might only tolerate two at a time. Certain types of these lift trucks include an adaptable fork in order to allow the stacker to slide beneath pallets of atypical sizes and shapes. These versions are efficient when a mixture of kinds of pallets are common within a workspace.