Article published on April 19th 2012 | Business

Since time immemorial, man has found ways to get by with the forces of nature. For instance, the wheel has made it possible to transport big loads with ease. Similarly, pallet racking systems can transport weighty loads regardless of the pull of gravity, and let humans develop wonders of civilization similar to remarkably tall buildings.

A pallet is usually a flat structure utilized to support heavy loads lifted by jacking equipments. The most common material for pallet is wood; however, metal, plastic, and even paper are also used. Different organizations all over the world, such as the International Organization for Standardization (ISO) and the European Committee for Standardization, set different pallet specifications. Pallets closer to the square shape are more inclined to resist tipping, and most pallets can transport 2,205 lb loads.

Pallet stackers, as their name implies, are one of the jacking equipments that use pallets. Whatever their form, these stackers usually have similar operating systems: a large fork is slid under the pallet and moved to a desired height. Pallet stackers may be manual or powered.

Manual pallet stackers are driven by hand, and their engines use liquids for power. To lift the fork, a foot pedal or handle is pushed; to return it to place, a separate lever is driven. These pallet stackers are perfect for weights up to one ton. However, this is determined by the stackerâ€™s maximum weight capacity.

Additionally, gas or electric powered pallet stackers can elevate as much as five tons. These stackers arenâ€™t as arduous as manual ones. For example, using handles can alter the machineâ€™s direction, and simply pushing switches can operate the fork. If some pallets should be stored at once, pallet racking systems are used.

Pallet racking is seen in most storage and distribution facilities. There are various types of pallet racking systems, and the most common is selective pallet racking. Selective pallet racking could be further split into two functions: the roll formed system, which can contain several product sizes because of its adjustability, and structural system, which is the same as the roll formed system but can carry bulkier loads.

For companies that want to save money on these systems, they can buy used pallet racking systems. Secondhand systems are equally as helpful as new ones, provided the appropriate safety procedures are followed. These may include never going beyond the optimum weight capacity of pallets, using appropriate equipment to stack pallets, and frequently conducting safety checks on the racking system. For more information on pallet racking systems, read palletrack.wordpress.com.

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Article Keywords:
pallet racking, pallet racking systems, used pallet racking

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