

## Reach Trucks

Reach Trucks are mechanized equipment used for loading and storage in some establishments that maintain storage of supplies to finished commodities on a pallet which are then inserted into lofty shelving units. This loading device helps companies securely and easily stockpile and retrieve loaded pallets at the same time as ensuring adequate storage of goods that are not immediately required.

Normal reach trucks are built with a mounted rigging mechanism on the front of the truck. Telescoping forks are able to travel up and down on this mounted rigging. A system utilizing hydraulics lets the operator grab and even reposition the freight over the outriggers. This design provides a more even balance of the load and will allow for simpler maneuvering among the storage shelves and small aisles.

When loading pallets on their specified shelves, the hydraulics can be applied to slide and swing the pallet into place. This device is small enough to fit into an aisle less than 10 feet across without too many difficulties provided there is nothing protruding from any shelves.

Quite a lot of models of the reach truck are accessible. The most uncomplicated unit is the stand-up reach model which will slide forks under the pallet and move it to a stockroom location then slide it into place. This style of reach truck is ideal for shelving units that are no deeper than one pallet of goods. A double-reach vehicle works in the same basic manner as the stand-up type however uses telescopic forks that are long enough to slide a pallet into shelves that accommodate two pallets. Straddle reaches are a different reach truck variation. This mode of reach truck slides under the pallet and is also able to grab the sides as well. The straddle reach unit is beneficial when grasping the sides of the pallet and cargo will not result in damage. They permit easy pallet retrieval of a pallet that may be 4th or 5th in line and are useful when the shelving units are accessible in more than one direction.

Warehouses, production facilities and material companies often make use of a number of types of the reach truck. Using a reach truck to store provisions, pallets of finished goods, and in general to keep the storage area in order is a common practice. Simple to maneuver, the reach truck can help make better use of both time and available stockroom space.