

Multi Directional Forklift

Used Side Loader Forklift Kansas - A side loader forklift truck is made for lifting very heavy and long items within the confines the narrow aisles of a warehouse, lumber yard, loading dock or other facility. Side loaders have earned their name due to their design and the way they transport, load and unload items. Benefits of Side Loader Forklifts v Standard Forklifts It is common for forklifts that rely on the standard counterbalance design to potentially become unstable when unloading or loading heavy items. The side loader is capable of transporting dangerous loads such as piping and timber. Having the load face the direction of travel ensures that timber and steel can be easier to maneuver. They also offer the advantage of providing the driver of the forklift with an unobstructed view, which is otherwise at least somewhat or greatly impeded by the tines and load carried at the front on a standard forklift. Side loaders can access narrow aisles and tinier doorways with ease since loads are transported down the side of the machine instead of on the front as with a standard forklift. The load may have to be raised on regular forklifts to travel around obstacles that increase the chances of tipping over. Side loaders eliminate the need for much of that maneuvering. This means warehouse operations can manage in much smaller spaces with fewer modifications while also operating in a safer manner. Most side loaders are able to lift up to 12,000 pounds and can travel at speeds just above 5 miles per hour but are often equipped with the ability to program travel speeds. This design enables operators to match speed to a certain job. Types of Side Loader Forklifts Class 2 - Electric Motor Narrow Aisle Trucks The Class 2 Electric Motor Narrow Aisle Trucks are where the side loader forklifts are classified. This kind of forklift classification covers electrically sourced narrow aisle forklifts. Excellent for operating in loading docks and warehouses, these units rely on narrow aisle configuration and are moved between close quarters common for storing lumber, bar stock, laminate and carpet. These machines are additionally used for rack storage and feeding machine tools. The narrow aisle units are popular in warehouses as they offer a sleek design that saves on storage. These units are efficient at loading and unloading. These Class 2 side loader forklifts are designed to minimize the area taken up by the forklift truck. These machines create better efficiency and speed while moving, unloading and loading narrow aisle locations. Because they are designed primarily for indoor facility use, their electrical power source also means that the harmful emissions that would accumulate from the use of an internal combustion engine are eliminated. Internal Combustion Engine Side Loader Forklifts Side loaders that are not powered by electricity obviously do not fall under the Class 2 forklift classification. Side loaders are found in timber and lumber yards and pipe and steel yards for transporting long and heavy loads. They can move items from flatbed trucks, stack items in blocks or racking. Exterior side loaders need to work outside and on uneven surfaces. This means an internal combustion engine and, sometimes, pneumatic tires are a better option for the job. Side loaders can efficiently load cumbersome items that are long and heavy by securing them in the middle. Side Loader Forklift Design Side loader forklifts can be either sit down units or stand on machines. Stand On Side Loader Forklifts Stand-on side loaders are found in warehouses and interior applications. They feature a small platform generally found in the middle of the unit that is where the operator stands and is surrounded by controls. There are many advantages to the stand-on design. The stand on side loader does not require a seat for the operator which allows for a smaller cab design. This creates a forklift with a smaller footprint which is advantageous for traveling within confined locations. Especially while operating in reverse, there is greater operator visibility from a standing position. While standing, the operator can turn their body to see the back of the forklift truck while in reverse. In a sit-down machine, operators need to twist their neck and back to get a clear view. This is clearly an advantage in terms of safety as well as comfort. Increased operator visibility also helps to decrease damage to products and facilities. Finally, the operator in a stand on forklift is able to enter and exit the cab quicker than a sit down forklift which can increase workplace efficiency in some applications. Sit Down Side Loader Forklifts The sit-down side loader is more popular than standing loaders.

Sit-down side loaders have a cab that is situated in the center of the machine. The sit-down models have a raised platform and a seat that is opposite to the controls. The advantages of a sit down side loader are mostly in operator comfort. The machine enhances productivity and reduces fatigue when operators can work from a resting position. Customizable Features The side loader has customizable bed length options to be suitable for many jobs. The standard bed length for a side loader was designed to fit a variety of bulky and heavy loads but this can be extended upwards of 60 inches to meet custom jobsite applications. Side loaders need to consider aisle widths and guide rails prior to customization. One popular feature for these forklifts is multidirectional capability. Side loaders have crab steering to enable them to have two wheels operate separately from others. This feature allows the side loader to move in all four directions by changing the direction of the wheels, allowing the forklift to move sideways into narrow storage aisles without making large, swing-out turns or multiple adjustments. Safety is increased with the tighter turning radius and damage is avoided to facilities and items. Efficiency is further achieved by lessening the space and time required to travel around the job. Several other features on side loader forklifts are often customized based on jobsite application. Lift mast heights, lights, mirrors, lift capacities and tine length and other features are all customizable. Certain features are also adjustable, allowing for further customization of the side loader for the particular job application. Travel speed, acceleration time, load limits and breaking force can all be set allowing further job efficiency and increased workplace safety. For all of the above reason, the side loader forklift has become the most popular option for workplaces where space is limited and long loads are involved.