

Multi Directional Forklift

Used Side Loader Forklift Alabama - The side loader forklift is designed for lifting heavy cargo in narrow locations including loading docks, lumber yards and warehouse aisles. 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 Forklifts which operate on the standard counterbalance system may become unstable when loading, transporting or unloading heavy, long loads. However, the side loader forklift is specially designed to handle these types of loads, such as long pipes and raw timber, providing much more stability. Excessive loads including pipes, steel or timber can be handled easier thanks to the design of having the load face the direction of travel. 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. Much of the maneuvering is eliminated with side loaders. These units help warehouse locations to manage smaller spaces much more safely. Many models can lift up to 12K lbs. while traveling at speeds higher than 5 miles an hour. There may be the ability to have travel speeds programmed. This feature allows the operator to match speed to a specific application. Types of Side Loader Forklifts Class 2 - Electric Motor Narrow Aisle Trucks Side loader forklifts are within the Class 2 Electric Motor Narrow Aisle Trucks. This kind of forklift classification covers electrically sourced narrow aisle forklifts. These are popular in warehouses, covered loading docks and other facilities that use a narrow aisle configuration or require moving between narrow spaces and where long items such as laminates, carpet, bar stock, lumber and furniture are stocked. 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. Class 2 side loader forklifts have been designed to take up less space 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 Only side loaders that rely on electricity are in 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 often seen in interior locations. It consists of a platform area that is surrounded by controls and usually found in the middle of the machine. There are many advantages to the stand-on design. Stand-on side loaders don't have an operator seat, allowing for a more streamlined cab design. A forklift operating with a smaller footprint is excellent for working in high-traffic locations. Especially while operating in reverse, there is greater operator visibility from a standing position. In the stand up position, an operator can turn his whole body to view the rear of the truck when reversing direction whereas in a sit down position the operator must twist his back and neck to get a clear view behind. There are more safety and operator comfort in the stand-up side loaders, ensuring better visibility and less potential for damage or injury. Operators can get onto and off of the stand up forklift faster compared to a sit-down model and this may increase efficiency in certain situations. Sit Down Side Loader Forklifts Sit-down loaders are more popular than standing loaders. Much like the stand on side loader, the sit down design has a

cab usually located at the center of the truck. The sit-down models have a raised platform and a seat that is opposite to the controls. Operator comfort is one of the main advantages of the sit-down side loader. The machine enhances productivity and reduces fatigue when operators can work from a resting position.

Customizable Features Customizable bed lengths are a feature and benefit of side loader forklifts. Custom applications can be met on the job with a sixty-inch extension to further the reach of standard bed length side loaders. A side loader cannot be customized before bed length considerations are given to ensure that guide rails and aisle widths can accommodate. One popular feature for these forklifts is multidirectional capability. Crab steering on side loaders refers to having two wheels function independently from the other wheels. 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. More efficiency is attained since there are less space and time needed to move around the job site. It is possible to customize a variety of side loader forklift features for specific jobs. 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.