

Multi Directional Forklift

Used Side Loader Forklift Indiana - Side loader forklifts are ideal for lifting long and heavy materials in narrow locations such as warehouse aisles, loading docks, lumber yards, etc. 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 forklift can tackle these awkward loads including timber and extensive pipes with greater stability. 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. Since the loads are transported along the side of the forklift instead of across the front, the side loader can travel easier through narrow aisles and doorways. The load may have to be lowered or raised to get past obstacles that can increase the chances of destabilizing and cause dangerous tip-overs. A side loader forklift makes much of that maneuvering unnecessary. Operating in narrow warehouse locations is much safer and more accurate with side loaders. 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 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. The side loader is useful for handling long and narrow loads in similar locations including lumber, carpet and laminate. These machines are additionally used for rack storage and feeding machine tools. Narrow aisle locations are popular in warehouses for allowing maximum storage design and efficiency. 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. Electric power reduces harmful emissions and allows these machines to be used mainly inside.

Internal Combustion Engine Side Loader Forklifts The Class 2 forklifts only apply to side loaders that use electric power. Units that do not rely on electricity do not fall into this category. 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. There are internal combustion models available and they may use pneumatic tires for more stable transport. Side loaders are great for these work environments as they are built to handle the length of items and the weight. Picking items up in the middle is vital for loading and unloading long materials safely and efficiently.

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. The stand on unit has many advantages. The stand on side loader does not require a seat for the operator which allows for a smaller 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. Sit-down side loaders have a cab that is situated in the center of the machine. Sit-down forklifts have a raised platform and a seat that faces the control panel of the machine. The advantages of a sit down side loader are mostly in operator

comfort. The operator is able to control the forklift from a resting position which decreases operator fatigue which increases productivity. Customizable Features The side loader has customizable bed length options to be suitable for many jobs. Custom applications can be met on the job with a sixty-inch extension to further the reach of standard bed length side loaders. Side loaders need to consider aisle widths and guide rails prior to customization. One popular feature for these forklifts is multidirectional capability. These side loaders have crab steering which allows two wheels to operate independently from the others. This design allows the machine to move in all 4 directions via changing wheel direction. The side loader can travel sideways and fit into narrow storage locations without making multiple adjustments or giant swing-out turns. The smaller turning radius increases safety while decreasing damage to product and facilities. It also increases efficiency by lessening the time and space needed to maneuver around the job site. It is possible to customize a variety of side loader forklift features for specific jobs. Tine length, mirrors, lights, lift mast heights and lift capacities are some of the custom options available. 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.