

Multi Directional Forklift

Used Side Loader Forklift Ohio - 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 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. Side loaders gift the operator with an unobstructed view. This is often compromised on standard forklifts with the tines or front-carrying load design. 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. 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. Programmable travel speeds are useful for allowing operators to match speed for particular jobs. Types of Side Loader Forklifts Class 2 - Electric Motor Narrow Aisle Trucks Side loader forklifts often fall under the Class 2 - Electric Motor Narrow Aisle Trucks classification. 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. 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. This allows increased efficiency and speed when moving, loading and unloading in narrow aisles. Electric power reduces harmful emissions and allows these machines to be used mainly inside. Internal Combustion Engine Side Loader Forklifts Only side loaders that rely on electricity are in the Class 2 forklift classification. Side loaders are common at steel and pipe yards and lumber and timber yards. They accurately transport loads from storage areas including racking, flatbeds, and stacking loads in blocks. 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 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. 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. This creates a forklift with a smaller footprint which is advantageous for traveling within confined locations. There is better visibility for the operator when working in a standing position, particularly while operating the machine backward. Operators have a better view while standing and reversing compared to having to twist their body, back and neck to see as with a sit-down unit. There are more safety and operator comfort in the stand-up side loaders, ensuring better visibility and less potential for damage or injury. Operators on standing forklifts can enter and exit the machine faster than sit-down cab units. Sit Down Side Loader Forklifts Of the two basic designs, the sit down side loader forklift is the most popular. Similar to the side loader stand, the sit-down unit features a centrally located cab. The difference that a sit down forklift has a raised platform with a seat facing the forklift's control panel. Operator comfort is one of the main advantages of the sit-down side loader. 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. Popular for heavy and bulky items, the standard side loader has been designed to fit heavy and bulky loads. A sixty-inch extension upwards may be utilized for special jobs. However, when customizing a side loader feature such as the bed length, consideration must be given to the width of aisles at the relevant jobsite as guide rails and aisles may need adjusting to accommodate the extra sized forklift, which is likely to affect budget and productivity. Multidirectional abilities are one of the most popular features of these machines. Crab steering on side loaders refers to having two wheels function independently from the other wheels. Crab steering allows the unit to travel in all four directions by changing the direction of the wheels. The side loader can fit into close quarters and narrow spaces without needing to make huge turns or adjustments. The smaller turning radius increases safety while decreasing damage to product and facilities. 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. 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.