

Multi Directional Forklift

Used Side Loader Forklift Murrieta - Side loader forklifts are ideal for lifting long and heavy materials in narrow locations such as warehouse aisles, loading docks, lumber yards, etc. These machines have derived their name from the way they unload, load and transport material. Benefits of Side Loader Forklifts v Standard Forklifts Forklifts that rely on the original counterbalance system can become unstable when moving long or heavy loads. The side loader is capable of transporting dangerous loads such as piping and timber. Long loads such as timber, steel or pipes are more easily handled because the load is facing in the direction being traveled, reducing the overall width of the equipment and load. Side loaders offer a safer, unobstructed view for the operator which is a greater improvement over the standard forklift with its front-carrying design and the fork tines. 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. 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 design enables operators to match speed to a certain job. 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 classification, as the title description suggests, encompasses forklifts that operate in narrow aisles and are powered by an electrical source. 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 set up is common in warehouses because it allows for the maximum possible use of a storage area which helps to save on costly square footage as well as travel time between material and loading and unloading areas. Class 2 side loader forklifts have been designed to take up less space by the forklift truck. This design facilitates better speed and efficiency for moving, loading and unloading aisles. Dangerous internal combustion emissions are eliminated due to their electrical power use, making side loaders excellent for interior applications. 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 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. These machines that are used outside have to deal with uneven ground and different temperatures. 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 The side loader forklift has two kinds of designs, sit down models or stand on models. 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 several advantages to this 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. 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. Stand-up models have comfort and safety. Better operator visibility lessens injuries and product damage. 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 Of the two basic designs, the sit down side loader forklift is the most popular. 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 sit-down units boast better operator comfort. The operator is able to control the forklift from a resting position which decreases operator fatigue which increases productivity. 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. Side loaders need to consider aisle widths and guide rails prior to customization. These machines can function in a multidirectional manner. 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 helps to avoid damage to items and the building while increasing safety. 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.