Multi Directional Forklift

Used Side Loader Forklift Santa Ana - 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. These machines have derived their name from the way they unload, load and transport material. 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. 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. 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. 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. 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 class captures the forklifts that operate in narrow aisles with electrically sourced power. 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 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 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 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. These machines that are used outside have to deal with uneven ground and different temperatures. This means an internal combustion engine and, sometimes, pneumatic tires are a better option for the job. Side loaders are especially popular for these types of applications because the weight and length of materials being handled mean that the side loader forklift can maneuver between narrow stacks, piles or aisles to pick up the long load in their middle which is crucial for loading long items and safely transporting them. Side Loader Forklift Design The side loader forklift comes in two basic designs: 1. Stand on; and 2. Sit down. Stand On Side Loader Forklifts Used mostly indoors in applications such as warehouses, the stand on end control has a small platform area surrounded by the forklift’s controls, usually located in the middle of the truck, for the operator to stand. 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. Stand-up models have comfort and safety. Better operator visibility lessens injuries and product damage. 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. The sit-down units boast better operator comfort. The machine enhances productivity and reduces fatigue when operators can work from a resting position. Customizable Features Because of the wide range of jobs that use side loader forklifts, the side loader is available in customizable bed lengths. Custom applications can be met on the job with a sixty-inch extension to further the reach of standard bed length side loaders. 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. These machines can function in a multidirectional manner. 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. The smaller turning radius helps to avoid damage to items and the building while increasing safety. It also increases efficiency by lessening the time and space needed to maneuver around the job site. Numerous side loader features can be customized to suit a job site. 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.