



Static and Dynamic Racks for Pallet and Material Storage



Single deep selective racks

Single deep selective racking is the standard installation used in most warehouses. It is designed for storage of various size pallets in single deep rows that are accessible by both counterbalanced and reach forklifts, depending on the aisle space. Our design team can create a layout that will make the most efficient use of your warehouse. We design the racks to mate with all aspects that influence the final efficiency including the equipment available and driver experience. We design the installation to conform to current rack standards and can provide certified installers and stamped engineering drawings where required. Many sizes and types of pallets can be accommodated, including overweight and non-standard sizes. Ask the sales office for a complete proposal based on your needs.



Pallet Flow Racks

Pallet flow racks are a type of dynamic rack that allows for high density storage with fewer aisles and FIFO picking where necessary. Ideal for food applications and for storage systems for product with a limited shelf life pallet flow racks are available up to 10 pallets deep. Ideally the pallet is loaded from behind and flows down to the pick face. For situations where space is tight the rear aisle can be eliminated, but the rack then becomes pushback storage and is no longer FIFO. We can suggest ways to best incorporate this type of storage system based on your product type, the flows and your warehouse layout.



Very Narrow Aisle Racks

Very narrow aisle rack installations are designed for use with turret swing reach trucks. With aisles as narrow as 60" it allows many more pallets to be stored compared to other systems. Our designers can advise you as to the advantages and requirements related to the type of system. Contact us for more information and we'll make a feasibility study that will allow you to evaluate the benefits this system offers in comparison with other storage methods.



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Double-deep selective racks

Double-deep selective racking eliminates many aisles by making the rows double-deep. Designed for use by purpose-built deep reach forklifts, this configuration is attractive where there are multiple pallets of the same material. It is a FILO system, and must be carefully designed to work properly with the building layout and equipment available. The photo of the double deep installation is a 200,000 sq. ft. warehouse with a rack installation designed and sold by Meriton. We can advise you as to whether this configuration would be the best option to meet your current and future needs.



Drive-in Racks

Drive-in racks are designed for efficient storage of multiple pallets of the same size and carrying the same product. Tunnels are created to allow efficient storage without aisles. The pallets side on rails that run from front to back. Drive-in racks can be as few as 2 deep or as many as 25 pallets deep. We have extensive experience designing and installing drive-in racks.



High Reach Picking

High reach picking provides for efficient storage of boxes and non-palletized material by making the most of your vertical storage space. This system is usually used in conjunction with a order picker as shown in the photo. The order picker lift can be guided by floor rails as shown in the photo, or be wire-guided. This system allows for picking of high volumes of boxes and items in a format that maximizes the use of available vertical space.



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Heavy-duty Mould Storage

These heavy-duty shelving units are designed for the storage of extremely heavy objects such as moulds and dies. They feature pull out shelves that are activated manually or pneumatically. The mould storage system can be used in conjunction with an overhead crane, forklift or mobile floor crane for transport of the mould or die to the production area. A safety interlock feature prevents the user from opening more than one shelf at a time. Storage up to 5,000 lb. Per shelf available.



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Pipe and Rod Storage Rack

These racks are designed for the storage of rods, pipes and long lengths of various objects. They come with a capacity rating that allows you to meet work safe requirements for this type of rack.

Designed for storage of lengths up to 20 ft, they feature all steel construction, and will provide an extremely efficient storage of a wide variety of long lengths of steel and plastic and other materials.



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Cantilever Rack

Cantilever racks are for the storage of long objects such as crates, profiles, rods, pipes and structural components. They are engineered to work with the specific size and weight of the material to be stored on them. A wide variety of column heights and capacities is available. The arms are available in two types: clip in or bolt-on, and have capacities that range from 100 lb per arm to 3,000 lb. Ask for a complete brochure on cantilever racks for more information.



Mobile Racks

Mobile racks provide a highly efficient storage of all types of palletized material. The rack sections are installed on heavy-duty bases that glide on rails inset into the floor. When the lift operator needs to have access to a given row he opens an aisle using the electrically actuated motors that will move the adjacent rows aside to create an aisle for the forklift to operate.

This system is ideal in that it provides a very practical storage option for all types of palletized goods in tight storage situations, where the only other alternatives may be to expand or move.