

Double Deep Pallet Racking

Double Deep Pallet Racking Increases Storage Capacity

Double deep pallet racking storage solution offers companies a space-efficient alternative to standard pallet racking through the reduction of the number of access aisles required while increasing a high-density system for large, slow-moving or bulk item storage. Double-deep pallet racking storage is ideal for medium volumes of up to 3000 pallets whilst increasing storage capacity by 30%, depending on your warehouse configuration.

The racking system is specifically designed to hold two pallets deep, allowing for higher density storage capacity whilst maintaining 50% accessibility. The double-deep pallet rack storage system is operated in medium aisles with equipment that can reach double pallet depths designed for last-in-first-out (LIFO) access.

The racking is easily adjusted to accommodate variable pallet heights. In addition, accessories are available to accommodate different unit load types. The accessories include guide rails to assist in loading and unloading goods, particularly on higher levels.

Stow post sections are roll-formed powder coated high tensile steel, providing the unit with strength, consistency and a corrosive resistant finish. This minimises twisting and provides excellent resistance to frontal impact damage.

The steel beam pins locate directly into the column for safety, ensuring the beams are securely locked into place and prevent accidental dislodgement. Even weight distribution is maintained through the Stow slot shape within the beam connectors. The beam connector is the strongest pallet racking beam connector available.

This Double Deep Pallet Racking design provides a larger surface area to distribute the load weight and increase the storage rack systems lifespan. The racking is designed for loading and unloading by special materials handling equipment, often deep reach lift trucks fitted with a pantograph mechanism. These vehicles are specially designed to reach the second pallet location.

This high-density pallet racking solution meets or exceeds rigorous European FEM regulations and complies with AS4084-2023 Australian Standards.

Technical Specifications:

- **Frame Heights** – available in 50mm increments up to 9250mm.
- **Frame Depths** – 840mm and 1200mm
- **Beam Spans** – 1350mm, 2600mm, 2750mm, 3050mm & 3850mm. Beams can be manufactured to suit your specific pallet storage application

Double-deep pallet racking systems are an efficient and up-to-date stock inventory system assisting users in taking advantage of their increased storage density.

