

WAREHOUSE LAYOUT DESIGN

Proper & professional Warehouse Layout Design are essential to the success of your business when moving into a new facility or renovating your current Warehouse. No matter the space, if your warehouse is not optimized or laid out correctly you'll probably incur losses in productivity, space capacity issues etc. Here at Dexters NZ we can help you avoid these common

Space Planning

Before designing your pallet rack system and developing the optimal warehouse layout design, you usually need to make business decisions concerning your operation. Space planning isn't always easy, and in fact involves business decisions and careful analysis of current operations, as well as planned growth. Fortunately, we are here to help you do it. We'll meet with you in order to determine your warehouse space needs and budget before helping you find a space that will facilitate optimal productivity, efficiency, and, most important, help you reach your goals.

Warehouse Layout

Warehouse design is only part of the picture. We know that when it comes to storage and material handling, space is money. To achieve maximum space efficiency, you'll need to have your pallet rack system laid out in a way that makes the best possible use of the available floor and vertical space in your warehouse. Our design team will design a warehouse layout that will maximize the amount of product you can store in any given space. Warehouse layout and design work synergistically to create a warehouse system that is both scalable and able to meet the demands of your current operations.

Most importantly, we listen. Experience and technology may be important components of an effective material handling outfitter, but only when combined with professionalism and a will to meet your individual storage needs will they results you'll come to expect when working with us.

pitfalls, which will elevate your warehouse and Material handling processes to peak efficiency and production. Simply talk to one of our sales team about your needs & requirements and we can help you achieve the best use of your storage space, give us a call at 09 275 5580 to get a fast, hassle-free quote.

Warehouse Design

We tailor our rack systems design process to each individual client, ensuring that rack systems are built specifically to achieve the client's long-term goals. Whether it's a push-back or drive-in, pallet flow or a combination of rack systems that meets your storage needs, we'll work with you through each step of the process. From the initial stages of choosing which system will help you get to your goals to the completion of the installation process, we'll be your turnkey pallet rack system provider. Consultation, design, planning and execution.

Top 10

Elements to choosing a Pallet Racking System

- 1 Consider storage density.**
By analyzing on-hand storage volumes, you can identify deep-lane storage which can dramatically increase utilization within a warehouse.
- 2 Know your selectivity.**
If you must have access to specific pallets at all times, deep-lane storage is not for you.
- 3 Are you FIFO or LIFO?**
Understand your requirements before selecting deep-lane storage. If you require pure FIFO (First in, First Out), consider pallet flow racks.
- 4 Understand your picking profiles.**
Are you primarily picking pallets, cases, or pieces? The answers can have a dramatic effect on what rack you select and how you configure it.
- 5 Consider forklift access.**
Fork truck selection is critical, particularly if using specialized storage such as drive-in, drive-thru, or double-deep racks.
- 6 Check for rack decking.**
Pallet variations are a way of life. Bottom board and fork pocket location, and damage, can impact the safety of both driver and product.
- 7 Identify your seismic zone.**
If you are in a high-risk zone for earthquakes, you will have more stringent engineering requirements for all man-made structures.
- 8 Think through your warehouse lighting scheme.**
Increased accuracy, reduced rack damage, and improved work environment are all factors to consider when lighting a warehouse.
- 9 The environment in your warehouse.**
Consider warehouse climate, wash-down requirements, FDA regulations, and other special product handling needs.
- 10 Capacity.**
Don't guess how much your heaviest pallet loads weigh. Assume that the heaviest pallet might be placed into any of your storage locations.