

HOW TO DESIGN LOADING BAY

The loading bay is the logistical The Bottleneck of a company site

The loading bay makes or breaks a logistics chain. Therefore, a lot of things have to be considered when designing a safe and efficient loading bay. This guide will help you not only to solve the most tricky problems but also overcome unexpected internal and external factors that can cause problems during the transfer of goods



THE NUMBER OF LOADING BAYS

BACK BONE
Warehouse Trusted Equipments

Traffic scheduling

It's important to be aware of how many vehicles are likely to be loaded/unloaded at the same time. Often, the busiest times at distribution centers occur during the same morning and evening periods.

Processing of goods

Another factor to be considered is the way in which different goods may be handled. If processing activities, such as sorting, packing or Labeling, need to be carried out within the warehouse, it will be advisable to have a sufficient number of loading bays to prevent internally handling equipment having to transport goods over long distances



THE LOADING PIT

To reduce the difference in height between the yard and the truck floor, two options are possible:

- Rais the dock floor up to the level of the truck floor
- Create a depressed driveway approach

The construction of the latter may be unsuitable due to soil condition or the ground water level. Also, a steep decline can create problems because when a truck is not horizontal during loading/unloading operations, the following problems might occur

