



NEXT GEN RACKING FOR ROBUST OPERATIONS



**RACKS &
ROLLERS**
STORAGE TECHNOLOGIES AND AUTOMATION

DRIVE IN PALLET RACKING

*Drive-in Pallet Racking System is one of the most space effective and economical bulk storage system. With a minimum aisle to rack ratio, this is a highly compact system **with a storage density shooting up to as high as 70% Floor Space Area.***

Pallets are stored deeply in front of one another on racks with no aisles in order to enable maximum utilization of space. If you have a large number of identical items, DPR proves to be the best possible choice.

DRIVE IN PALLET RACKING

www.racksandrollers.com

As the name indicates, the drive-in pallet racking system literally allows you to drive your forklifts in the racks to store or retrieve your pallets. **Since pallets are placed from back to front, it does not let you select specific pallets and hence follows the Last in First Out (LIFO) inventory management principle.**

With impressively robust frames that are fully secured in place for maximum safety and sturdiness, the racks of this system are very well suited for heavily loaded goods especially those which are unstable or pressure sensitive. The same entry and exit points are used by conventional forklifts to drive inside the lanes of the racks to load/unload pallets. This system is usually 3 to 15 metres deep and can be easily customized. The height of the racks can be up to 10 meters high depending upon the MHEs.

Unlike Drive-in pallet racking, the Drive-thru pallet racking follows First in First Out (FIFO) inventory management principle because it is open from two ends, which means you can store pallets from one end and retrieve them from another. The DPR system proudly makes the most optimum use of space, thus saving huge amounts of costs on floor space. Warehouses with many pallets and few SKUs prefer this kind of racking system. You will often find the DPR system in cold storage installations because of its cost effectiveness factor.

BEST SUITED FOR

Warehouses with cold storage, bulk storage, seasonal goods or high rotation products that are time or date sensitive.

NOT RECOMMENDED FOR

Warehouses with more SKUs and small quantity of goods per SKU.

MAIN FEATURES

MULTI DEEP STORAGE

For Drive in Pallet Racking, there are multi-deep storage corridors which open up to aisle for access.

ROBUST

Focus is on the robustness of the material used to ensure stable structure with improved endurance.

MINIMISED AISLE SPACE

High capacity storage is achieved by cutting down on aisle space, making it optimal to store voluminous products.

SIDE RAILS

Drive-In and Drive-thru racking have pallet support rails on either side of the pallet placed perpendicular to the aisle.

PROS

- Maximum space utilization
- Very cost effective
- Ideal for heavy pallets
- Least damage of goods

CONS

- LIFO inventory management
- Inconvenient for warehouses with many SKUs
- No selective access to all pallets
- Not suitable for small batches of goods

