

Warehouse management

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Choice of warehouse equipment

Factors for Selecting the Right Racking System

The right racking system must be able to increase your space utilization and speed up your operations, especially the picking process.

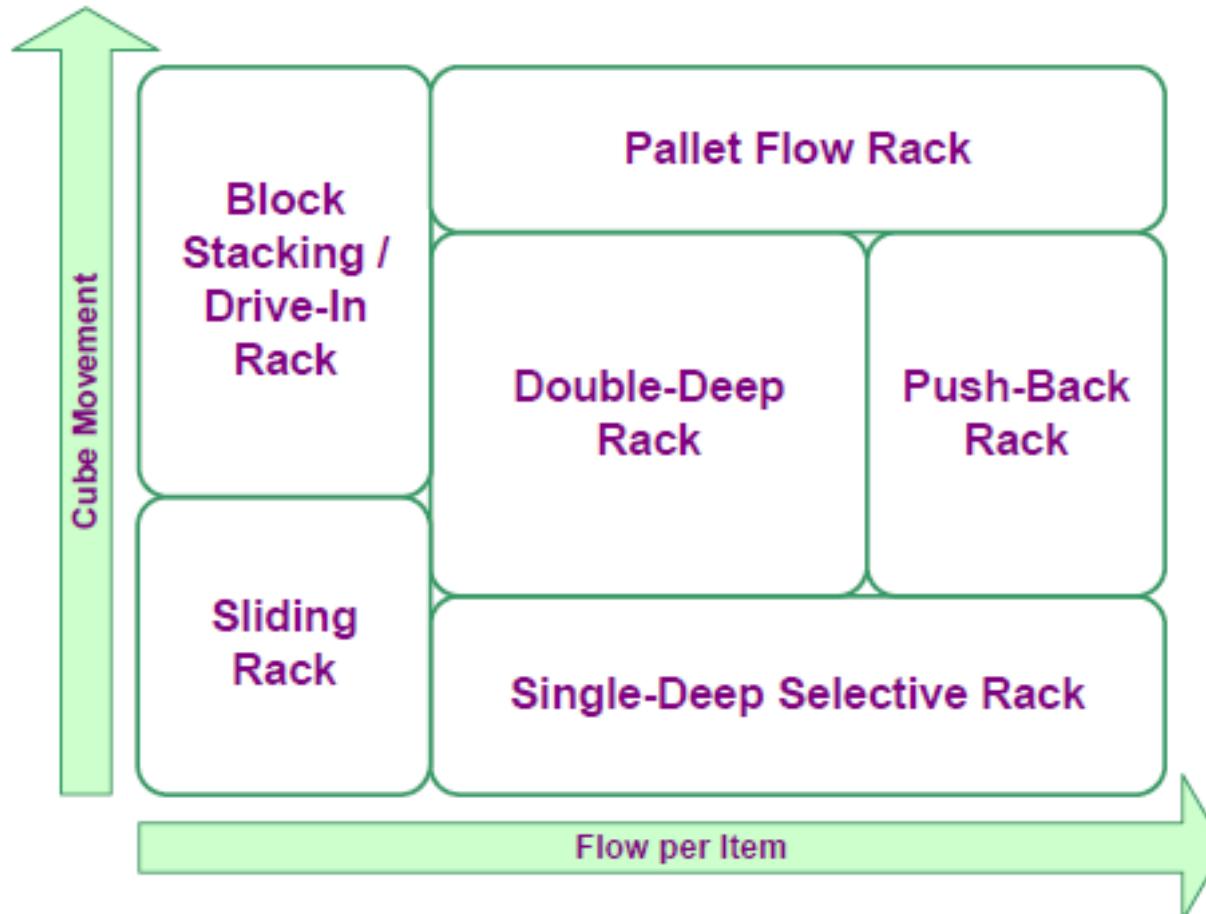
Factors for Selecting the Right Racking System

- **Budget** - The estimated cost per pallet.
Consider this factor while making sure that the racking system fulfills all your needs.
- **Floor Utilization** - The ability of a racking system to maximize the warehouse floor space.
- **Storage Utilization** - The amount of space you can utilize in the racking system. The amount you need will depend on the quantity, size, and weight of your cargo.

Factors for Selecting the Right Racking System

- **Forklift Accessibility** - The ability to accommodate forklifts used for bulky cargo. This takes into consideration the amount of aisle width required for forklifts to maneuver.
- **Versatility** - The ability of racking systems to accommodate a wider range of goods.
- **Inventory Management** - order of inventory retrieval required by the warehouse (FIFO, LIFO, FEFO, other).

When to use which racking system ?



The Different Warehouse Racking Systems

Selective Racking System

- **Budget:** \$45 – \$65 per pallet
- **Floor Utilization:** 40%
- **Storage Utilization:** 90 – 95%
- **Forklift Accessibility:** More than one forklift can be used due to wider aisles and multiple access.
- **Versatility:** Can handle different types of goods.
- **Inventory Management:** First in, First Out (FIFO)

The Different Warehouse Racking Systems

Drive-In Racking System

- **Budget:** \$160 – \$185 per pallet
- **Floor Utilization:** 65%
- **Storage Utilization:** 60 – 65%
- **Forklift Accessibility:** Supports forklifts.
- **Versatility:** Products cannot be mixed in each row.
- **Inventory Management:** Last In, First Out (LIFO)

The Different Warehouse Racking Systems

Double-Deep Racking System

- **Budget:** \$50 – \$70 per pallet
- **Floor Utilization:** 60%
- **Storage Utilization:** 85 – 90%
- **Forklift Accessibility:** Supports forklifts with extendable forks.
- **Versatility:** Best for storing the same SKU items.
- **Inventory Management:** First In, Last Out (FILO)

The Different Warehouse Racking Systems

Pallet Flow System

- **Budget:** \$170 – \$185 per pallet
- **Floor Utilization:** 70 – 75%
- **Storage Utilization:** 85 – 90%
- **Forklift Accessibility:** Supports forklifts.
- **Versatility:** Best for storing the same SKU items and high-volume items.
- **Inventory Management:** First In, First Out (FIFO)

The Different Warehouse Racking Systems

Push Back Racking System

- **Budget:** \$275 – \$295 per pallet
- **Floor Utilization:** 75%
- **Storage Utilization:** 75%
- **Forklift Accessibility:** Supports forklifts.
- **Versatility:** Best for storing the same SKU items.
- **Inventory Management:** Last In, First Out (LIFO)