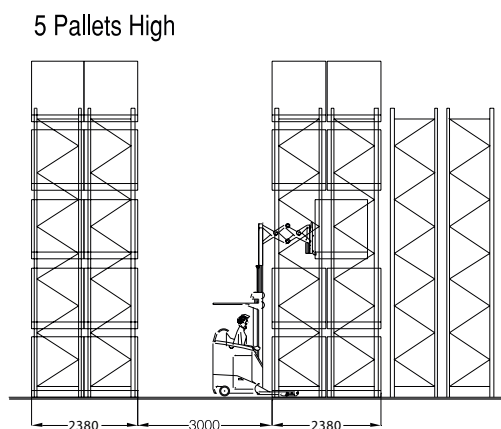
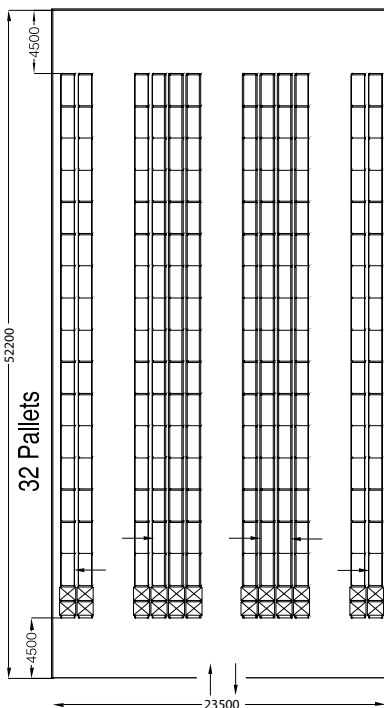
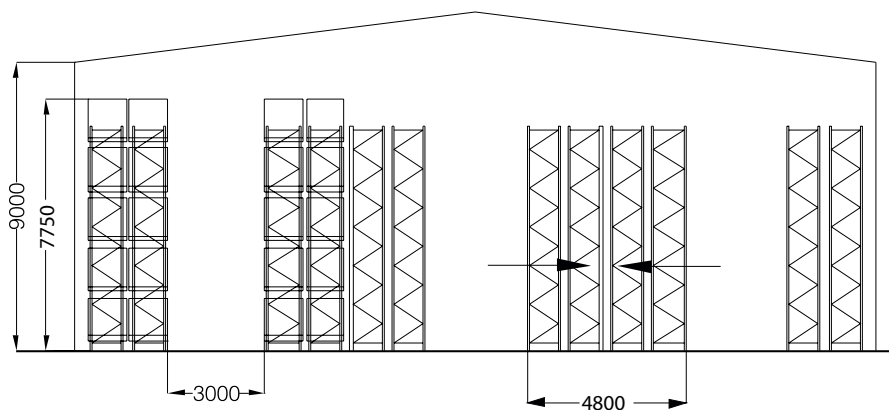


DOUBLE DEEP PALLET RACKING

Modified reach trucks with the ability to stack two pallets deep operating in almost conventional reach truck aisles store pallets in single entry racks. Back to back racks are four pallets deep. This reduces the aisle to rack ratio but also reduces selectivity, (FILO). Truck lift heights limited by load, to about 9 meters.

Usually the upper levels have front to back rail guides to assist the driver locating the rear pallet at height.



Advantages

- Δ Storage density increased as rack aisle ratio changes from Selective racking
- Δ 50% immediate accessibility with reasonable stock rotation
- Δ Good use of all available locations, typically above 90%
- Δ Safe and secure handling with the bottom pallet usually off-ground
- Δ Ability to use double deep handling equipment for other tasks
- Δ Best used when each SKU has several pallets

Pallet and Load Size :
1165mm (Entry) x 1165mm x 1350mm (H)

Floor Area :
52.2m x 23.5m = 1225 sqm

Total Building Volume :
11028 cbm (9m High)

Average Floor Area/Pallet Position :
1225 sqm/2040 Pallets =
0.60 sqm/Pallet Position

Average Building Volume/Pallet Position :
11028 cbm/2040 Pallets =
5.41 cbm/Pallet

DOUBLE DEEP FOR 2040 PALLETS

Flow-Rite Inc
High Density Storage Specialists



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