

-Very Narrow Aisle (VNA)

Very Narrow-Aisle Pallet Racking makes optimum use of floor area and roof height while at the same time providing high-density storage with 100 % accessibility and good stock rotation.

The system is served by specialised high lift fork rotating materials handling devices operating in very narrow aisles. The benefit being up to 50 % saving in aisle width when compared to a counter balance forklift, whilst achieving up to double the stacking height.

As the forklift is guided within the aisles the risk of damage is minimized, resulting in lower maintenance.

Very flat floors, close tolerance racking, carefully located pallets of uniform size and stock location systems are all prerequisites for successful narrow aisle systems.

Specialized high lift fork rotating materials handling devices operating in very narrow aisles providing high density and individual pallet access. Very flat floors, close tolerance racking, carefully located pallets of uniform size and stock location systems are all prerequisites for successful narrow aisle systems. Floor guidance in the aisles is mandatory and the design interface between all aspects of their systems is needed. Truck lifts height of 14 metres with man up capability available.

Advantages

- Floor mounted free roaming trucks as flexible in multi aisles
- High speed through put with specialised equipment
- Controlled materials handling provides safe and damage free environment
- Fire suppression and seismic need consideration. Hard wearing and very flat floor designed for heavy static/live loads are normal
- High average locations used 95%, for 100% accessibility, good stock rotation and 50% floor utilisation with high cube available.



