

# Flow Through Pallet Racking



## Introduction

Specially constructed lanes of gravity inclined tracks stacked side by side and on top of each other within a pallet rack framework form a solid block of storage that is fed in from one end and unloaded at the other.

Consistent loads are stored in each lane, for the same SKU. Automatic rotation is provided. Rack utilisation is often at 90%.

## Features

- Very dense storage achieved especially when few SKU's and high number of pallets.
- FIFO guaranteed, ideal for products with shelf life or absolute rotation.
- Secure and safe handling as the pallet truck does not enter the rack.
- Stable loads and constant, high quantity pallet mandatory.
- Wide range of pallets can be accommodated at the design stage.

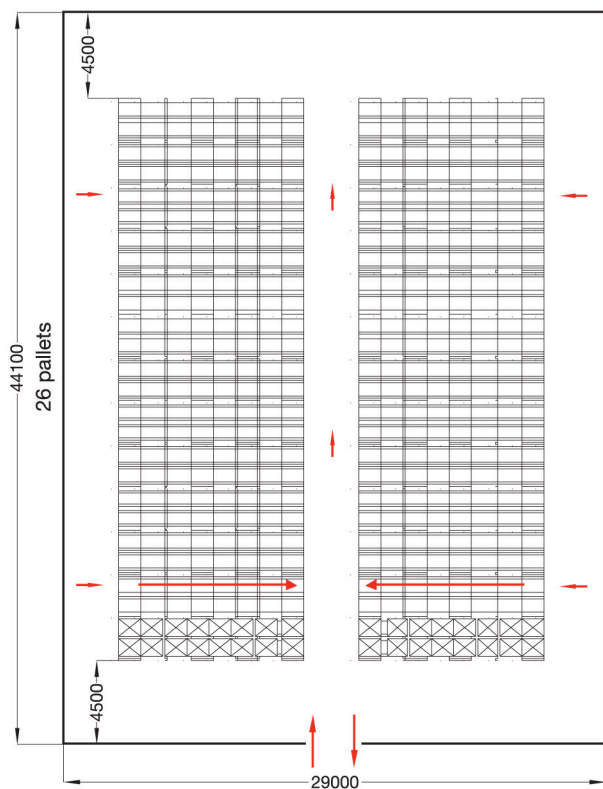
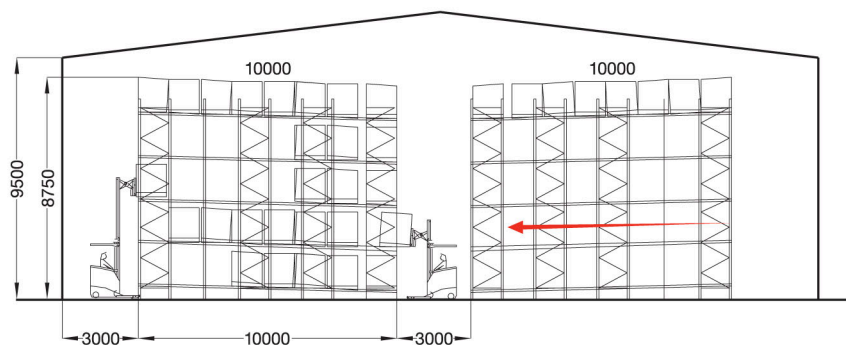
## Vital statistics

Average locations used	90%
Immediate accessibility	13%
Stock rotation	Average
Average floor area by pallet position (sqm)	0.60



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## Example configuration



## Flow thru rack example for 2080 pallets

- Pallet and load size:  
1165mm (entry) x 1165mm x 1350mm (H)
- Floor area:  
 $44.1\text{m} \times 29\text{m} = 1279\text{ sqm}$
- Total building volume:  
12150 cbm (9.5m high)
- Average floor area/pallet position:  
 $1279\text{ sqm} / 2080\text{ pallets} = 0.615\text{ sqm/pallet position}$
- Average building volume/pallet position:  
 $12150\text{ cbm} / 2080\text{ pallets} = 5.84\text{ cbm/pallet}$

