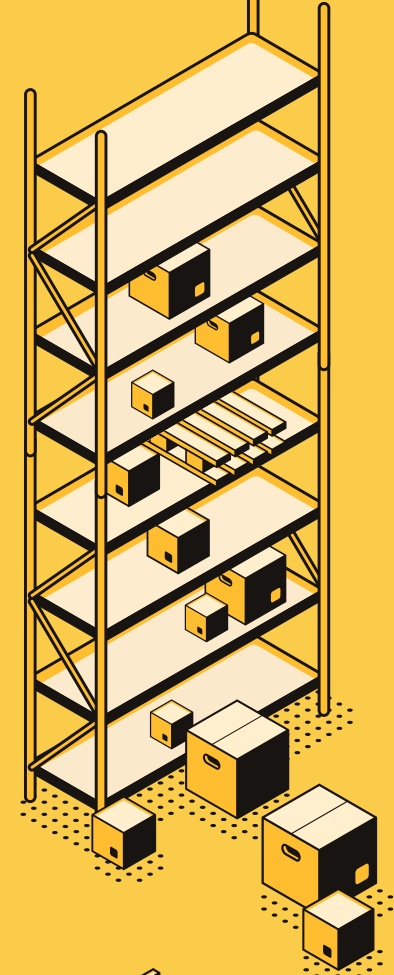
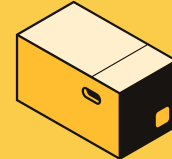
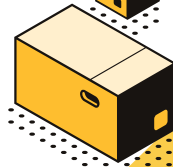
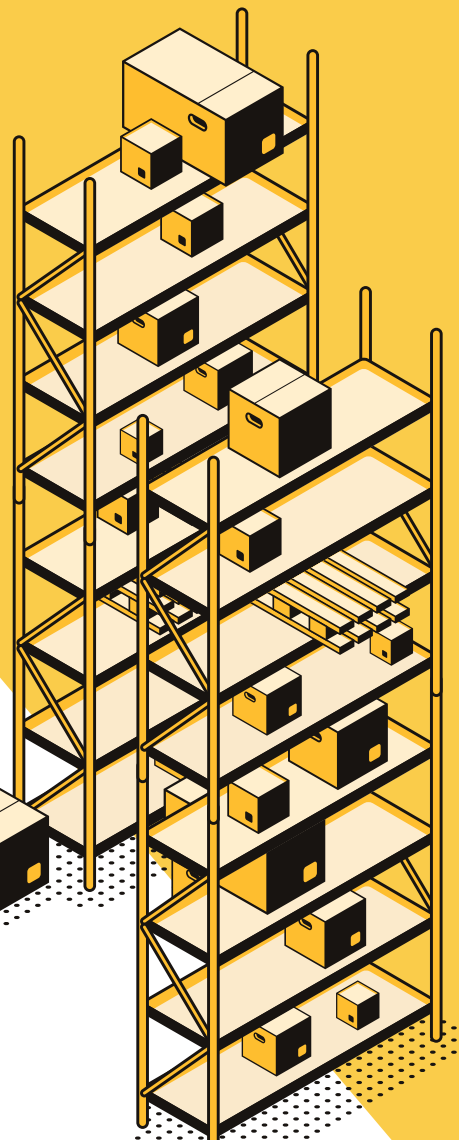
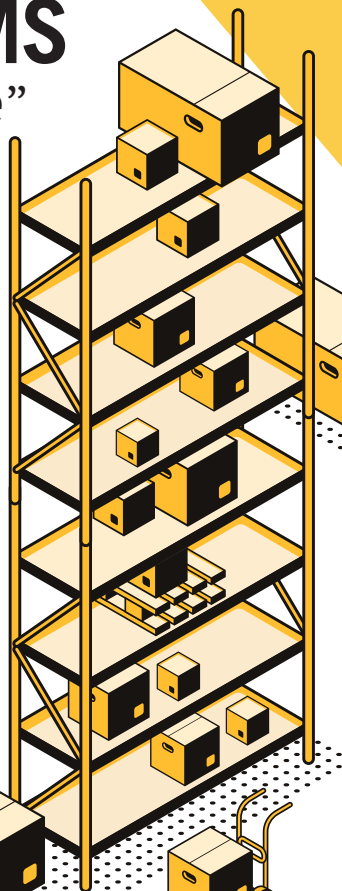
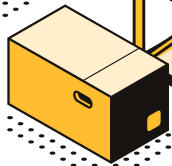
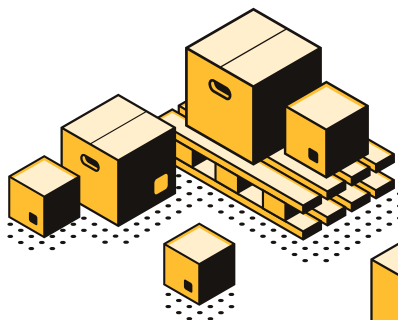
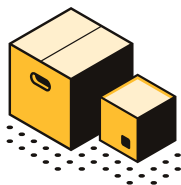
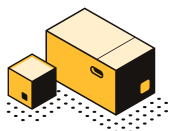




Industrial STORAGE SYSTEMS

"Smart Space Smart Storage"



Content

Page

3-4 **Selective Racking**

4 **Medium Rack**

5 **Pallet Flow Racking**

6 **Multi Tier Racking**

7 **Carton Flow Racking**



Introduction

Gold Wind Engineering (S) Pte Ltd is the Design, Fabricate & Build Organization based located in Singapore & Malaysia.

Offering its customers total storage solutions with advance design, reliable engineering, Top notch manufacturing and highly effective project management.

Gold Wind designed products and services reach out to an extensive market industrial within Singapore & Malaysia project.

Our services from site survey, engineering designed, structure calculation work procedure, coating, project installation and management. These important activities have been provided in policy.

Customer success and satisfaction is standing in Gold Wind team mind in helping our customer to the new and better logistics result by finding solution to save operation cost and gain more profit.

金风工程(新)有限公司位于新加坡和马来西亚，是一家提供设计、制造和安装储存货架的企业。

以先进的设计，可靠的工程技术，一流的制造和高效的项目管理，为客户提供全面的货物库存方案。

金风设计的产品和服务广泛地涉及新加坡和马来西亚市场。

我们的服务包括现场勘测，工程设计，结构计算，涂层，项目安装和管理。

金风团队会寻找解决方案，帮助客户获得更好的物流运输，节省运营成本并获得更多利润。



www.gw-engineering.com



Selective Racking

This system suits to store various types of goods. Our structure is designed to be strong for the very heavy weight goods, suitable to use as customers can select storage positions easily and no limitation for the pallet used in industrial factories, warehouse for stocking or storing raw materials waiting for dispatch.

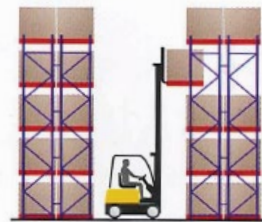
Advantages of Using

- Suitable for laying goods on pallet
- Various types of goods and heavy loaded
- Load per level up to 4000kgs
- Double-deep storage increase warehouse capacity by up to 30% compared to single-deep storage

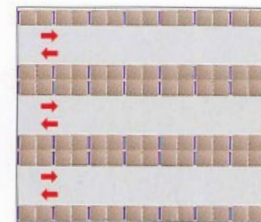
这个装置适合存放各类物品。我们的设计结构坚固，适用于非常重的物品，客户可以轻松选择库存位置，货盘的使用不受限制，能存货或着存放等待派送的物品。

使用的优点

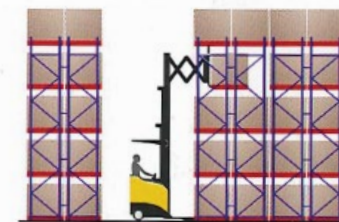
- 适合在货盘上铺设货物
- 承载各种重装的货物
- 每层能承载高达4000kgs
- 双倍的仓库库存量，增加高达30%的储存空间



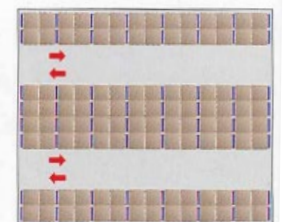
Traditional Forklift



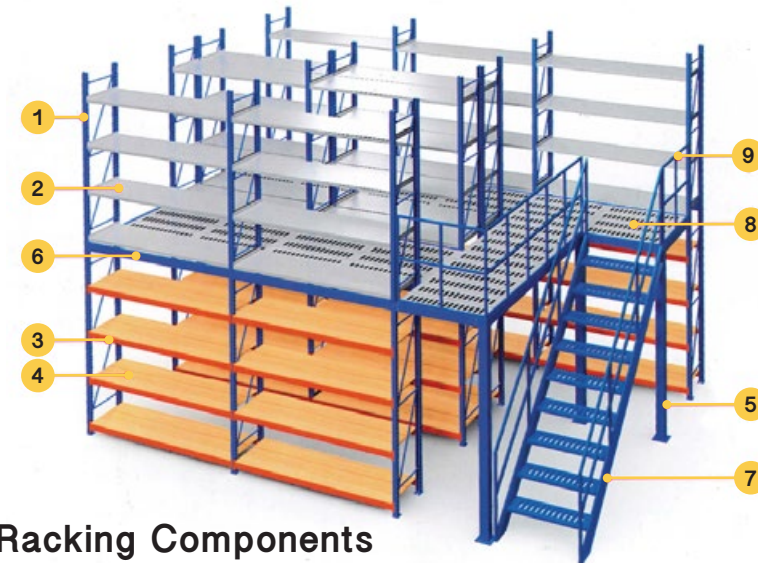
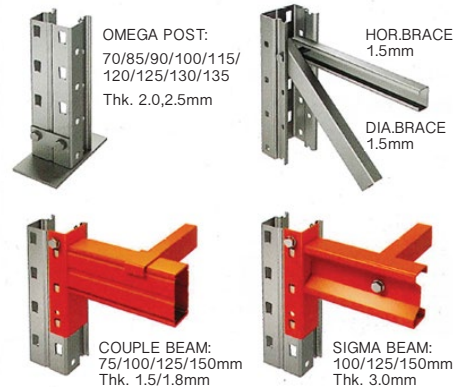
Single Deep Layout



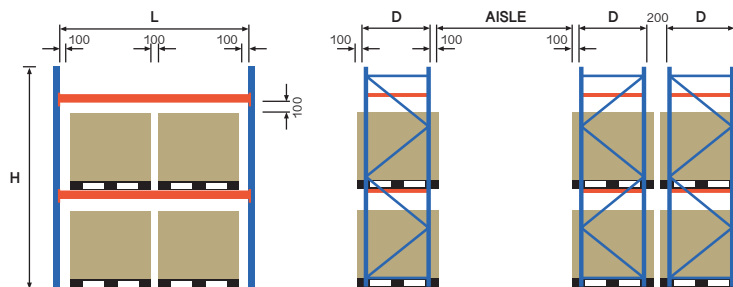
Double Deep Forklift



Double Deep Layout



- | | | |
|----|-------------------|-------|
| 1 | Rack Frame | 货架柱片 |
| 2 | Row Spacer | 隔离杆 |
| 3 | Base Plate | 底盘 |
| 4 | Box Beam | 横梁 |
| 5 | Connector | 连接器 |
| 6 | Shelf Support Bar | 货架支撑杆 |
| 7 | Upright Protector | 直立保护器 |
| 8 | Protector Barrier | 保护者障碍 |
| 9 | Wire Mesh Decking | 网格层板 |
| 10 | Steel Shelf | 钢层板 |
| 11 | Plywood | 木层板 |



Depth (D) : 600, 900, 1200mm
Length (L) : from 1250mm to 3900mm
Height (H) : from 1800mm to 12000mm

- | | | |
|---|-------------------|-------|
| 1 | Medium Frame | 货架柱片 |
| 2 | Steel Shelf Plate | 钢层板 |
| 3 | Beam | 横梁 |
| 4 | Plywood | 木层板 |
| 5 | Column upright | 直立保护器 |
| 6 | Main Beam | 支撑横梁 |
| 7 | Staircase | 楼梯 |
| 8 | Floor Grating | 阁楼板 |
| 9 | Handrail | 栏杆 |



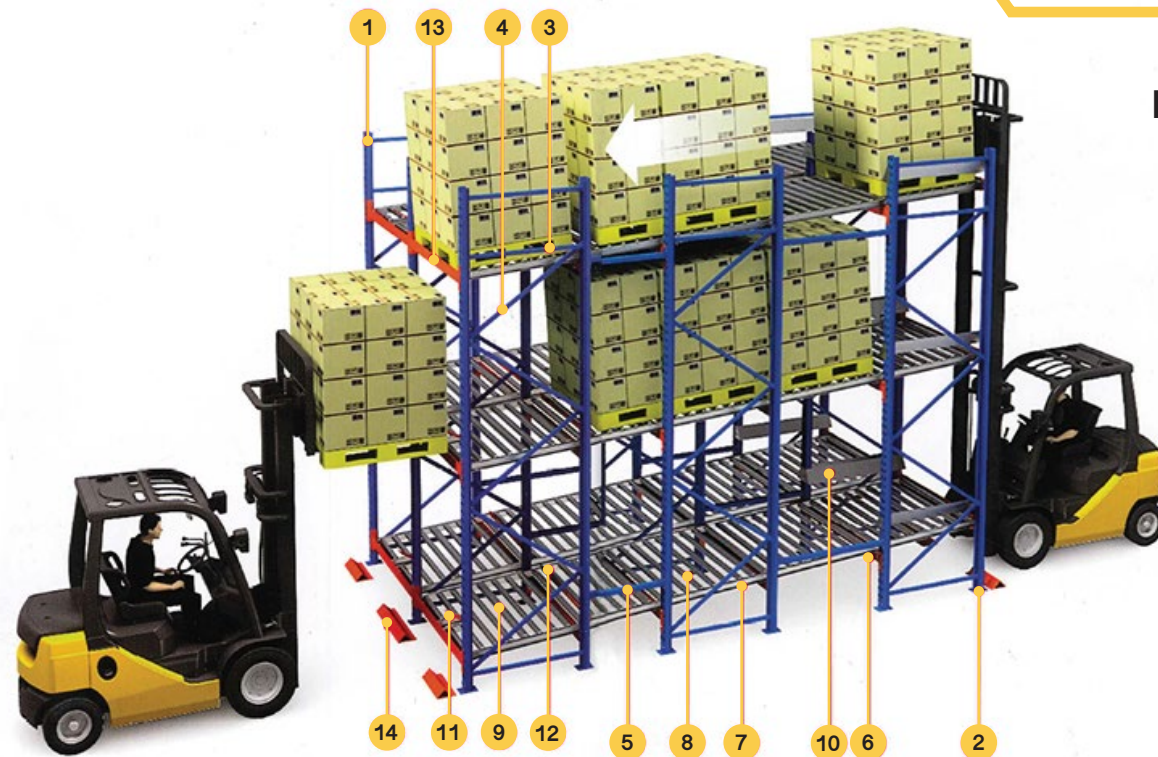
The best solution for the storage of products which required perfect rotation based on the FIFO (First in, First out) basis.

The loading is transported on rollers which come from advanced technology, for smooth operation, another advantage is that it can utilize most of the available space to the highest with minimum cost of forklift and manpower.

Advantages of Using

- Can store up to 90% of storage space
- First in, First out inventory control
- Time and labour savings

Pallet Flow Racking



Racking Components

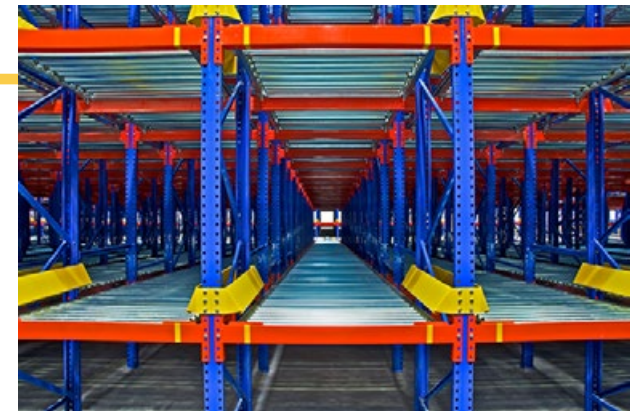
- 1 Column
- 2 Foot Plate
- 3 Horizontal Bracing
- 4 Diagonal Bracing
- 5 Row Spacer
- 6 Supported Beam
- 7 Flow Rails
- 8 Rollers
- 9 Brake Rollers
- 10 Entry Guide
- 11 Safety Separator
- 12 Separator End Stop
- 13 End Stop
- 14 Forklift Stopper Plate

货物储存的最佳方法是作轮回式的FIFO(先进先出)。

装载工作采用先进技术的滚轮运输，运行平稳，另一个优点是能以最低成本的工业搬运车和人力资源，作最大限度的空间运用。

使用的优点

- 可储存高达90%的储存空间
- 先进先出库存控制
- 节省时间和人力



Multi Tier Racking

Ideal for businesses that need a cost effective way of creating a raised storage area for hand loaded goods that are not heavy in nature. Slow moving stock can be stored on upper level leaving the ground floor for fast moving stock items. Also it suits growing businesses that may need to dismantle and relocated the storage area in the future.

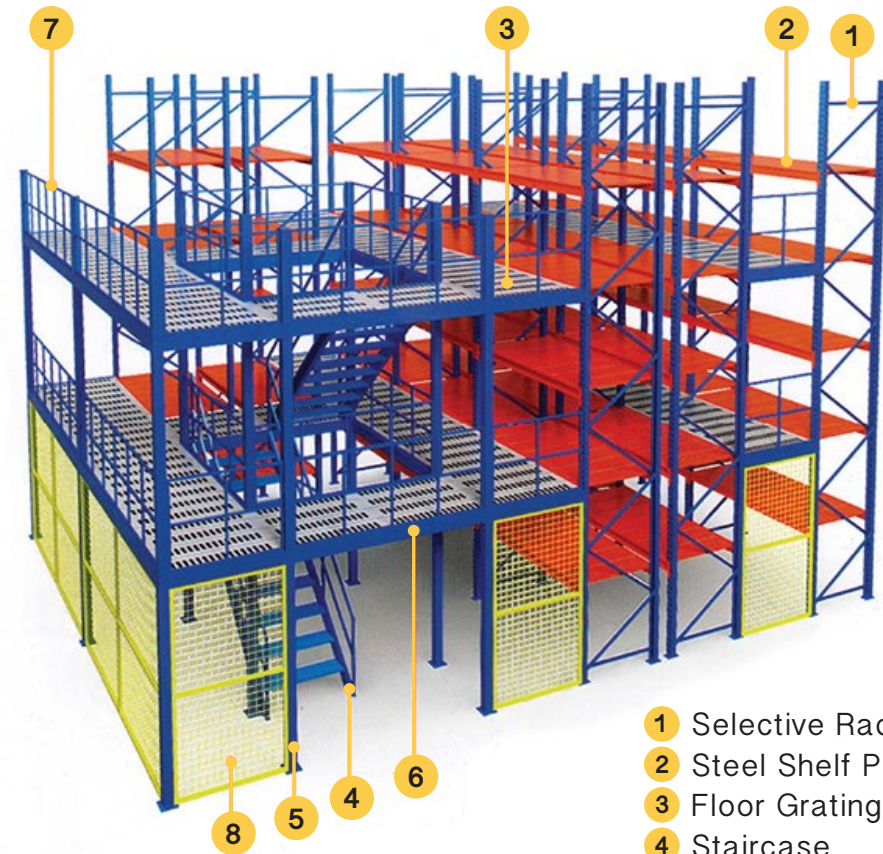
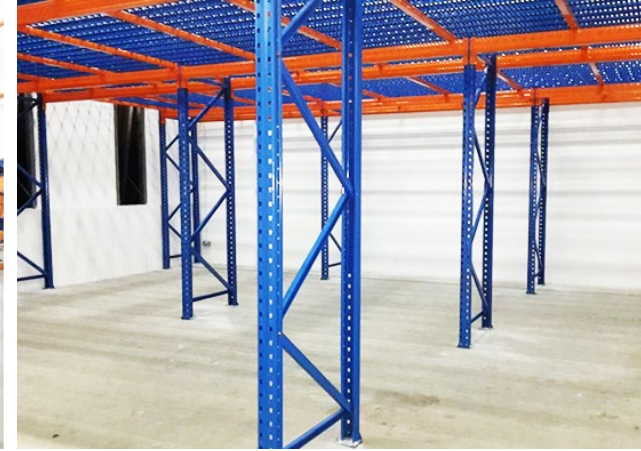
Advantages of Using

- Utilize existing overhead space
- Can combine pallet storage & small goods storage
- Auxiliary facilities can be equiped for mezzanine rack: elevator conveying belt and etc

适合需要以经济方式创建手力卸货空间的企业。物流慢的库存可以存储在上层，底层为物流快的库存物品。此外，它适用于未来可能需要拆除和重新安置储存区域的成长型企业。

使用的优点

- 利用现有的上方空间
- 可以结合货盘储存和小货物储存
- 夹层机架可配备辅助设施：电梯转运带等等



Racking Components

- 1 Selective Racking
- 2 Steel Shelf Plate
- 3 Floor Grating
- 4 Staircase
- 5 Floor Support Columns
- 6 Main Support Beams
- 7 Handrail
- 8 Wire Partitions





Carton Flow Racking

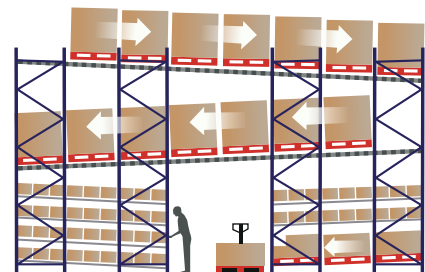
Carton flow is a type of shelving that uses a gravity feed rear-load design. Merchandise is loaded in the rear of each runway. As an item is removed from the front the item directly behind it slides forward in place of the previous one continuously.

Advantage of Using

- FIFO System (First in First out)
- Support for many SKUs at the front of rack
- Reducing process time for order preparation



Picking from boxes



Picking from boxes & picking from the pallet

纸箱流是一种使用重力装载设计的货架，物品装在每条跑道的后部。当物品从前面移除时，其后的物品将连续向前滑动以代替前一个物品。

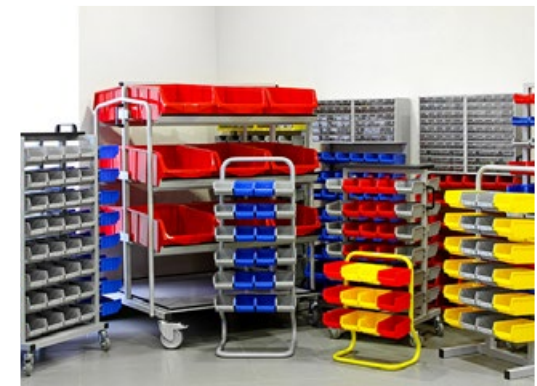
使用的好处

- FIFO系统(先进先出)
- 支持许多库存进出计量
- 缩短订单准备的处理时间

Pallet Mesh



Plastic Products



Container Trolley





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