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Development Path

发展历程



Honor & Qualification

荣誉及资质

























ABOUT US

关于领航

Pilot storage rack, specializing in heavy storage rack, attic and related equipment design, manufacturing, installation and after-sales service. At present, the company builds more than 100,000 square meters for customers each year, become a professional storage rack manufacturer in domestic.

Production is strictly in accordance with the "shelf industry standard". With the characteristics of multi angle, high safety coefficient and large bearing capacity. No matter the product design, production technology, or installation in the after-sales, team size is the forefront of the industry. In the logistics equipment industry has a high visibility and reputation.

Since 2014, the company began to expand its global sales business, adhere to the principle of "quality first", casting its brand with quality and winning the trust of customers from oversea market.

With our professional knowledge and service, we realize the ideal of growing together with our customers. So many worlds 500 enterprises jointly choose the pilot heavy duty storage rack.



GDPilot

领航货架



领航货架,专业从事于重型仓储货架、阁楼和相关设备设计、制造、安装及售后服务。目前公司每年产为客户搭建阁楼超过10万平方,是国内专业仓储货架制造企业。领航货架生产严格执行 平方,是国内专业它储资采制运企业。领机资采生产产格执行《货架行业标准》,所生产的货架具有多折角,安全系数高,承重力大等特点,无论是从产品设计、生产技术、还是安装在售后、团队规模均属行业前列,物流设备行业享有较高的知名度及声誉。2014年起,公司开始拓展全球销售业务,坚持"质量第一"的原则,以质量铸造品牌,赢得海内外客户的信任。凭借我们的专业思知识和用心服务,紧领的专利作品 众多世界500强企业共同选择领航重型货架。



Cooperation Company

合作伙伴

Food 食品



Drinks 饮料



Commodity 日 化

Supermarket 商超

Apparel 服饰

Electron 电气

Logistics 三方物流

Stationery 文 具







CONTENT

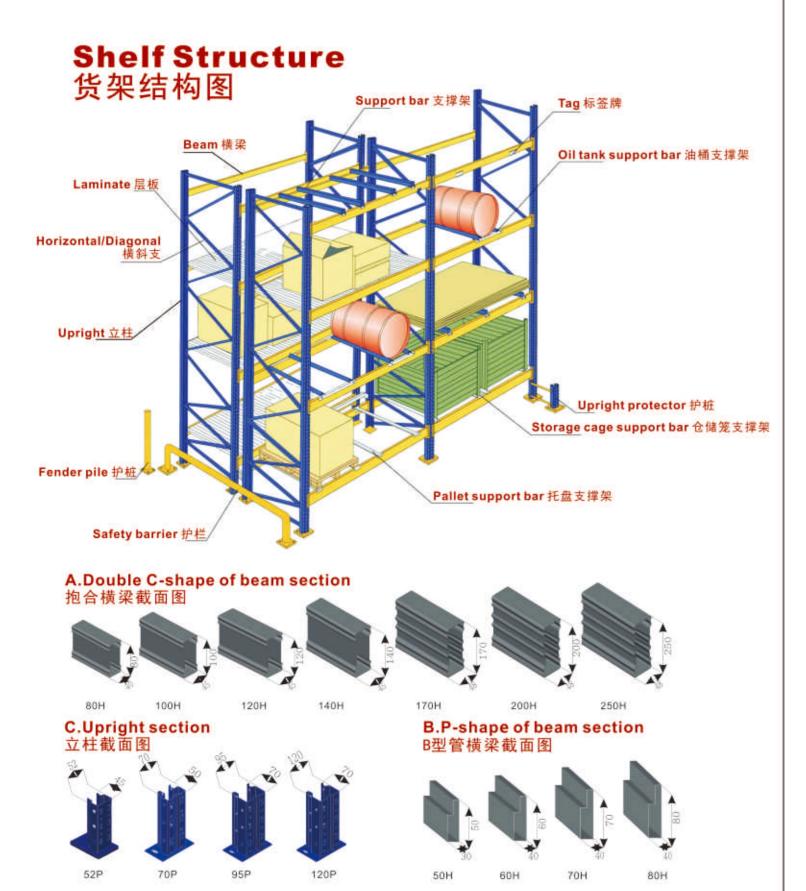
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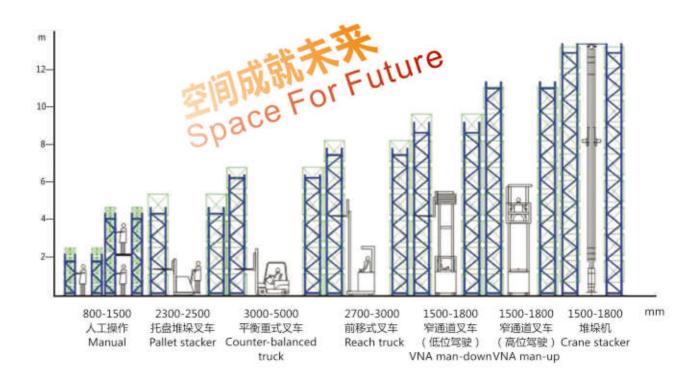
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STORAGE RACK 货架





Schematic 示意图



Angle steel support bar 角钢支撑架



'#' type support bar 井字形支撑架



Support bar 支撑架





'H'type support bar H型支撑架

Side frame guard



One phase support bar 单相支撑架

Foot protector



Back guard 背档



U-shape foot protector U型护脚





Light/Medium Duty Rack 中轻型货架 STORAGE RACK

Light & Medium Duty Rack 中轻型货架

- Assembling structure, optional combination, easy installation and disassembly.
 Load capacity: 300~1500kg for each layer.
 Layer height: each 50mm or 60mm pitch can be adjusted.
 Professional powder coated surface treatment, superior appearance and durable.



---Butterfly hole upright 蝴蝶孔立柱

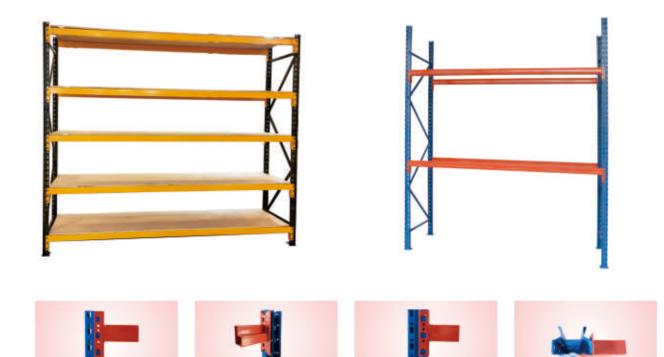
Application: Suitable for manpower to release the goods, for the enterprise with large storage capacity.中轻型货架适合一般人手放货,和储存量大的企业使用。

Load capcity 承重: 200kg, 300kg, 500kg, 800kg

Length/长度:	1500mm,2000mm	
Depth/深度:	600mm,800mm	
Height/高度:	2000mm	
Layer / 层数:	4	



---Square hole upright 方孔立柱



Standard for reference

Model	Specification	Load capacity	Layer	Laminate
型号	规格(mm)	每层承重(kg)	层数	层板
OTLD-2406W	2450x600x2200	300	5	plywood
OTLD-2006	2000x600x2200	250	4	steel board
OTLD-2006	2000x600x2200	500	4	steel board
OTMD-2508	2500x800x3000	1500	2	no





Heavy Duty Rack 重型货架 STORAGE RACK

重型货架

Heavy duty rack, also called beam rack, suitable for storage of all kinds of goods,

can operate with forklift and stacker, widely used in high warehouse. 重型货架由于存储物品较重,需配合托盘和叉车使用,故又称为横梁式货架。重型货架的存

储密度较低,但具有良好的拣取效率和较低的造价。



Features

of Heavy Duty Rack

- Assembling structure, consist of upright, beam and related accessories, fully adjustable and easy installation.
- One of the most popular storage system, also call pallet rack or beam racking.
- 9 Full range of accessories for various pallet type, and different request on size and load capacity for the system.
- A full range of accessories to enhance the safety for the storage system, such as safety key, upright protector, frame protector, etc.
- Output Description

 Output Description
- Layer height: each 75mm pitch can be adjusted.









Main Frame



Sub-frame

Standards for reference:

Back guard (optional)_ 后档(可选)

Upright 立柱

Steel laminate (optional) 钢层板 (可选)

> Support bar(optional) 搁板 (可选)

Upright protector (optional

Back guard mesh 背封网

Dimension	Upright	Beam	Load capacity	Layer
尺寸(mm)	立柱(mm)	横梁(mm)	每层承重(kg)	层数
2700x800x3300	95x70x1.5	120x45x1.5	2000	2
2700x800x4800	95x70x1.5	120x45x1.5	2000	3
2300x1000x3300	95x70x1.5	120x45x1.5	2000	2
2300x1000x4800	95x70x1.5	120x45x1.5	2000	3





Mezzanine Rack 阁楼式货架 STORAGE RACK

阁楼式货架

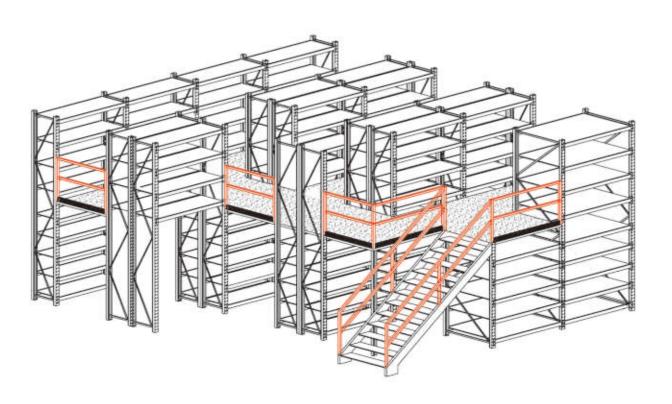
阁楼式货架是在已有的工作场地或货架上建一个中间阁楼,以增加存储空间,宜存取一些轻泡及中小 件货物,适于多品种大批量或多品种小批量货物,人工存取货物。货物通常由叉车、液压升降台或货 梯送至二楼、三楼,再由轻型小车或液压托盘车送至某一位置。



Features

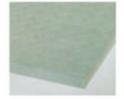
of Mezzanine Rack

- @ Mezzanine rack system, built a loft in the rack, modular structure, can be used in board, pattern plate, steel and other material as the floor.
- Normally used for higher warehouse, can manual access, store the small goods packaging with large storage capacity, such as electronic equipment and machinery spare parts and others, make full use of space.
- @ Can be designed into two layers and multilayer, high space utilization and double make use of the ground space.
- Rack can be light, medium or heavy loading, any type is available, matching the users' actual requirements completely.
- @ Eliminate leased space costs and work in high efficiency combined with the lift platform.
- Strength and rigidity prevents compression damage to goods.

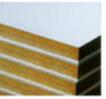


Mezzanine rack panel options 阁楼式货架隔面板











Pattern plate 花纹钢板 Perforated plate 冲孔楼板 Wooden plate 木楼板 Carbon steel plate 碳钢楼板







Steel Platform 钢平台

钢平台

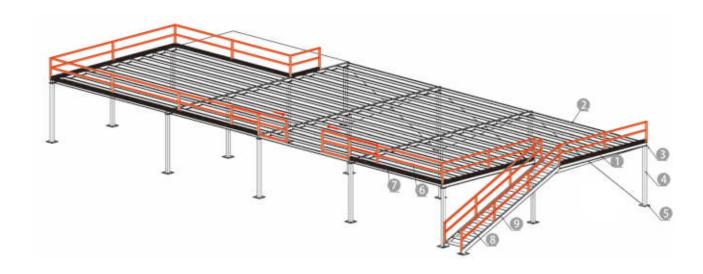
平台是用单支支柱做主支撑,用主次梁做楼面支撑,将仓库分为上下2~3个空间的一种独特货架。分 隔出的空间可做存储或办公用。

产品特点:结构及稳定性好,主要构件由高强度螺栓连接,无需现场焊接,规格可选性好,通常可设 计成2-3层,设置有楼梯和货物提升电梯等。

Features of Steel Platform

- The steel platform is characterized by large carrying capacity, flexible design, easy to use and simple installation, has been widely used in the workshop or warehouse to effectively increase the storage capacity of the warehouse.
- All composite structure, and uprights are made from square or round tube, the beams are H type steel.
- As for the high warehouse, two or more layers of steel platform can be designed.
- Oan be equipped with staircase and goods elevator.
- 9 Suitable for storing smaller items, within easy reach of warehouse personnel, for easy picking of boxed stock.
- Can be completely disassembled, all parts can be reused, and their structure, size or location can be easily modified.





- Main beam 主梁
- 2 Sub-beam 次梁
- 6 Connecting plate 连接板

- ◆ Upright 立柱
- 6 Anchor bolt 地角螺栓
- 6 Safety guardrail 安全护栏
- ♠ Protection plate 护栏
 ♠ Stairs guardrail 楼梯护栏
 ♠ Stairs 楼梯









Installation site









Very Narrow Aisel Storage Rack 窄道式货架

驶入式货架 Drive-in Racking



窄道式货架

Very Narrow Aisel (VNA) racking system: making full use of roof height to create ultimate storage capacity with high ground utilization rate. The system maintains the essential 100% accessibility and outstanding goods protection feature to ensure quick picking rate and flawless stock rotation.

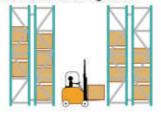
窄道式货架通道窄小,增加了仓储空间的利用率,地面的使用率高。存取货物速度较快。适用于仓库比较高,对整个仓库空间利用率比较高的用户。货架存储密度极高,但其投资相对较大,对货架品质,安装品质要求也比较高。一般货架高度可达15m,需要配合三向叉车使用,叉车顶留通道约1800m左右。



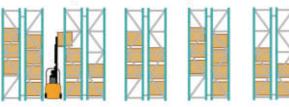
- Suitable for storage large amount of goods, the goods in and out frequently, high requirement on sorting the goods.
- Suitable for the warehouse available clear height is higher, more than over 8M.
- The passageway is much more narrow than the general racking system, which will be about 1600mm-2000mm, greatly improve the warehouse space utilization.
- There is guardrail around the rack as the guidance system to the forklift, avoided the forklift driver danger on the rack because of artificial factors, which is lower requirement on the driver.

Standard Pallet Rack Configuration





Very Narrow Aisle Rack Configuration



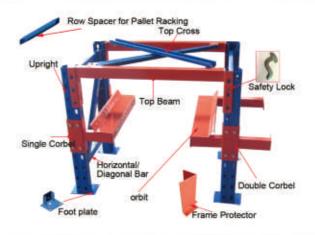
驶入式货架

Drive-in Rack

驶入式货架是一种不以通道分割的、连续性的整栋式货架,采用托盘存取模式,适用于品种少,批量大类型的货物储存。与货位式货架相比,驶入式货架的库空间利用率可提高30%以上,广泛应用于各类仓库及物流中心如:食品、烟草、乳业、饮料等行业,冷库中也较为多见。

- Goods storage channel also is the forklift transportation channel, with high storage density;
- This system is designed to efficiently suit to storage of homogeneous products in large quantity. Picking and storage is facilitated by forklift driving right into the racks. Suitable for food, tobacco, dairy, beverage and cold room storage, etc;
- Created to offer maximum storage capacity by using up only minimum space;
- Through the stability ofdrive-in racking system is relatively weak in all kinds of shelf, it can not too high, generally within 10M, 3~4 layer of tray height, total depth design up to less than 7 tray.







APPLICATION









Shuttle Rack 穿梭式货架

穿梭式货架

Application: Suitable for the goods with large quantity and few kind, such as food, beverage, chemical, tobacco and so on.

穿梭式货架系统是由货架、穿梭台车以及叉车组成完整的高密度存储系统,这种高效率的存储方式为提高仓库空间利用率带来新的选择。适合行业:(多量少样)食品、饮料、化工等单品种批量大,品项相对单一行业;(冷库作业)减少低温作业时间,提高工作效率和作业安全性;(期限管理)对物品批次有严格要求,需要先进先出作业管理的仓库;(增加库容)存储空间有限,需要最大化利用空间的仓库。



- Shuttle rack system is composed of high density storage rack, shuttle car, convenient ex-warehouse and warehousing, high access efficiency during ex-warehouse and warehousing. 密集存储、容量倍增
- Shuttle rack removes the need for forklift trucks to enter the aisles and hence offers a cost effective and time saving storage solution. 快速存取, 倍率倍增
- Better safety and anti-seismic performance than drive-in racks. 安全仓储,降低损耗
- Reduce the time in cold working, improve work efficiency and working security.
 自动高效,成本更低
- Operating flexibility, the access of goods: FIFO and FILO are optional.
 操作方便, "先进先出"或"先进后出"
- Smart outlook, firm and durable, no need to maintenance. 锂锰电池, 环保耐用

Save Time
+
Save Space
=
Save Money







Shuttle car 穿梭式台车



Guide plate 导向板



Guide rail junction plate, with good bearing strength. 导轨连接板特殊型材, 配合导轨,承载强度好。



Remote control 无线遥控



Shuttle car can move the pallet from the depth of the tray to the front, use the forklift to take down the goods.

穿梭车将货物深处的托盘移动主货架 最前端,用叉车将托盘货架从上取下。



Cantilever Rack 悬臂货架

悬臂货架

Cantilever Rack is one of the most important storage rack. For storing long material, sheet, pipe and irregular goods.

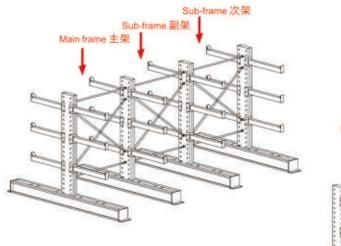
悬臂架适合存放长短不一的板条形货物,如钢板、钢管、长箱体等。可根据现场状况设计成单面悬臂或双面悬臂,悬臂末端安装挡块防止货物滚落。

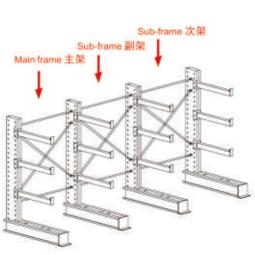


Features of Cantilever Rack

- © Can be single-side or double-side.
- Stable structure.
- Good load capacity.
- High space utilization.

Cantilever Rack Structural Drawing 悬臂式货架结构图













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Mobile Density Cabinet 密集柜

- Every rack own transmission equipment
- Being compact can utilize room adequately and fully enclosed
- Only one aisle to be used, highest space utilization, nice and practical
- Sealing better, and can be manually and automatically operated
- Neat/elegant for file storage



Electric Stacker 堆高车



Heavy Duty Rack 重型工作台



Table Trolley 物流台车





Plastic Pallet



Tool Trolly 工具车



Warehouse Rack Ladder 登高车



Spill Pallet 盛漏托盘



Case Rack 工具展示架



Fabric Pallet 布匹笼

METRIC TO IMPERIAL UNITS

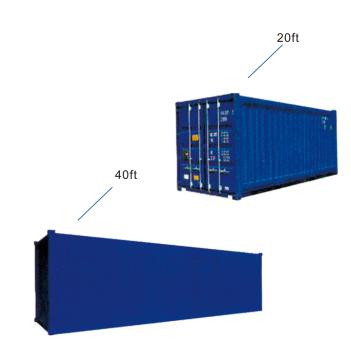
	Length	
1 centimetre (cm)	=	0.394 inch(in)
1 metre (m)	=	3.28 foot(ft)
1 metre (m)	=	1.09 yard(yd)
1 kilometre (km)	=	4.97 furlong(fur)
1 kilometre (km)	=	0.621 mile
	Mass	
1 garm(g)	=	0.03527 ounce(oz)
1 kilogarm(kg)	=	2.20 pound(lb)
1 kilogarm(kg)	=	0.157 stone
1 tonne(t)	=	0.984 ton
	Area	
1 square centimetre(cm²)	=	0.155 square inch (in²)
1 square centimetre(cm²)	=	10.8 square foot (ft ²)
1 square centimetre(cm²)	=	1.2 square yard(yd²)
1 hectare(ha)	=	2.47 acre(ac)
1 square kilometre(km²)	=	0.386 square mile
	Volume	
1 cubic centimetre(cm ³)	=	0.061 cubic inch(in³)
1 cubic centimetre(cm³)	=	35.3 cubic foot(ft ³)
1 cubic centimetre(cm³)	=	0.765 cubic yard(yd³)
1 cubic centimetre(cm³)	=	27.5 bushel(bus)
Vol	ume(flui	ids)
1 millilter(ml)	=	0.0352 fluid ounce(fl o
1 millilter(ml)	=	1.76 pint(pt)
1 litre(l)	=	220 gallon(gal)
	Force	
1 Newton(N)	=_	0.2251 pound-force(1b
1 ton-force(tonf)	=	9.96 kilomiewton(kn)

CONTAINER VOLUME TABLE

	L	W	H	Cu m³
CONTAINER SPC	20'	8'	8'6"	
CONTAINER	5.899m	2.352m	2.386m	33.1*28
	L	W	Н	Cu m³
CONTAINER SPC	40'	8'	8'6"	
CONTAINER	12.02m	2.35m	2.386m	67.5*57
	L	W	Н	Cu m³
CONTAINER SPC	40'	8'	9'6"	
CONTAINER	12.02m	2.35m	2.69m	76.3*57

CONTRAST BETWEEN CELSIUS TEMPERATURES AND FAHRENHEIT TEMPERATURES

/℃	/°F	/℃	/°F	/℃	/°F
-10	14	9	148.2	28	82.4
-9	15.8	10	50	29	84.2
-8	17.6	11	51.8	30	86
-7	19.4	12	53.6	31	87.8
-6	21.2	13	55.4	32	89.6
-5	23	14	57.2	33	91.4
-4	24.8	15	59	34	93.2
-3	26.6	16	60.8	35	95
-2	28.4	17	62.6	36	96.8
-1	30.2	18	64.4	37	98.6
0	32	19	66.2	38	100.4
1	33.8	20	68	39	102.2
2	35.6	21	69.8	40	104
3	37.4	22	71.6	45	113
4	39.4	23	73.4	50	122
5	41	24	75.2	55	131
6	42.8	25	77	60	140
7	44.6	26	78.8	65	149
8	46.4	27	80.6	70	158
75	167	110	230	170	338
80	176	120	248	180	356
85	185	130	266	190	374
90	194	140	284	200	392
95	203	150	302	210	410
100	212	160	320	220	428



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