



PRODUCT CATALOG VOL. 9





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Company Profile

TTF MARKETING HOLDINGS SDN. BHD. 199601053540 (407754-H) is a leading Racking Systems and Office Systems pioneer in Malaysia. In order to achieve world class standard of quality, we heavily invest into modern machineries and latest sophisticated technology.

Our full range product such as Light Duty Racking Systems, Medium Duty Racking Systems, Heavy Duty Racking Systems, Steel Platform, Mezzanine Floor, Selective Pallet Racking, Automated Storage & Retrieval System, Gondola Shelving and Office Systems to all the market segment such as industrial, warehouse, office, retail, hypermarket and residential use. With our dynamic strength and full coordination, **TTF GROUP** also introduce another added products named **KOMADA** Material Handling Equipment, **SAFER** Stainless Steel Convex Mirror, **IRON MAN** Pallet Mesh, **SHUTER MAN** Aluminium Ladder and **FITO** Office Systems.

Our quality standard awarded ISO 9001 authentication certificate. We are confident that with our expertise, latest technology, research and development, we can fulfil our customer needs and requirement to continually improve the effectiveness of Quality Management Systems.



Johor Bahru branch



Production plant, Rawang



TTF Office-1, Rawang



Our future TTF Office-3, Rawang



Established
since **1996**

TTF Office-2, Rawang

Introduction

Our production team ensures the highest level of quality control with the latest CAD application software for maximum safety. Recognizing the needs for reliable, efficient and cost-effective racking systems, **TTF Group** main objective is always focus on providing the ultimate service and product to both local and international client alike.

We constantly seek new and innovative design and technology to complement our present racking systems. Whether high-rise or multi-tier shelving or racking needs, **TTF** reputation as the market leader for material handling in Malaysia is well known. We understand the need to always be adaptable to current global and business challenges.

Aware of the need for maximum safety in storage and racking systems, **TTF** utilizes state-of-the-art robotic welding systems to ensure lifetime durability

in all storage design applications. Our roll forming facility is complemented by state-of-the-art modern mould making machines, stamping machines and the latest epoxy powder coating technology for long-lasting durability and toughness. All racking and storage systems can be color-coded according to specific storage applications.

We use ultra-modern panel sawing machines to enhance accuracy and quality to cut plywood and HDF board. After the elaborate fabricating process, our qualified installation team will finalize the construction process that will ensure a smooth and effective system required by our client's warehouse and logistics solution needs.



Our Purpose, Vision & Mission

OUR PURPOSE

Ensuring Sustainable Growth and Enhancing Quality of Lives

OUR VISION

Becoming a world-class brand in Integrated Warehousing Management by 2030

OUR MISSION

- Provide modern warehouse management solutions for customers.
- Create a happy and beautiful life for all our employees and partners.

OUR CORE VALUES

- Customer First
- Integrity
- Team Spirit
- Creativity
- Respect

Quality Assurance & Accreditation

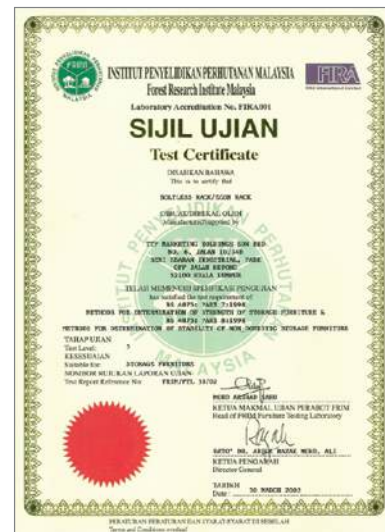
As an endorsement of our product quality and accredited with ISO 9001:2015 status, we annually subject our products to a stringent SIRIM QAS compression test. All our racking shelves were subjected through extreme load tests and was given the highest SIRIM approval ratings. We are proud to say that our products are next to none in the competitive industry of racking systems.



ISO 9001:2015 Intertek Standards



ISO 9001:2015
Intertek UKAS Management System



FIRA British Standard



ISO 9001 : 2015 Quality Management System

Towards better commitment to continue improvement and recognition to be high quality products for our customers. We had been officially accredited with ISO 9001:2000 certificate in year 2005.



FIRA British Standard

TTF status is the leading producer of high-quality racking system. A further booster when it was confirmed and awarded the industry's highest certificate. The FIRA awarded to TTF MARKETING HOLDINGS SDN. BHD. (407754-H) on propelling itself as the industry leader in the region.

Awarded ISO 9001 : 2015 since 2005



Star
The Business

SMBIZ MONDAY 9 MAY 2016

talking about 9

EVEN as manufacturers move their production plants overseas to China and Vietnam, they still need to ship their products back. And they would require proper warehouses and logistical management systems to help with the distribution to local and overseas markets.

This means Malaysia has the potential to become a big logistics centre in the future, says Vincent Ng, marketing director of TTF Marketing Holdings, a company with more than 20 years of experience in the storage and racking systems industry.

The increase in trade development initiatives in the country promises good growth potential in the sector, stresses Ng.

"Therefore, the storage and racking systems industry will still be growing," he says, adding that rising land prices ensure that space-saving solutions remain relevant, if not crucial.

TTF is one of the leading manufacturers and pioneer suppliers of storage systems in the country. According to Ng, the company has 30% of the market share and is working towards penetrating selected hypermarkets within the year.

"We are targeting to be listed on Bursa Malaysia's Main Board in five years' time," adds Ng.

In the beginning, the company focused solely on storage and racking systems, but now it offers a wider range of products, including material handling equipment and retail and office furniture, to cater to market demands.

Space \$aving solutions

Rising land prices, coupled with growth in the logistics industry, mean that storage and space-saving solutions will continue to be in demand, says TTF Marketing Holdings.

RUBY LIM reports.

The products that TTF offers, including its light-duty rack system, medium-duty rack system and heavy-duty rack system and mezzanine system, is ideal for maximising space usage. Additionally, the company offers a variety of storage boxes and containers, not to mention retail-related equipment like shopping baskets, gondola shelving and rollies.

Their Komada material handling equipment makes it convenient to move goods around, while the TTF Office Concept offers all kinds of office furniture.

"From display racks and material handling equipment to steel platforms and furniture, we have them at our showroom."

"Customers just have to make one stop to sort out the layout for their premises, be it for industrial, office, retail or residential purposes," says Ng.

He stresses that the company is committed to producing trusted and reliable products, and they ensure this by putting them through stringent SIRM QMS certification tests.

"When our shelving product



Ng showing off the multi-tiered boxes at TTF's showroom in Rawang.

claims to support up to 100kg, the claim is backed by SIRM certification.

"To offer customers quality and innovative products, we invest in the latest production machines and quality control, not forgetting product safety too."

"Our products comply with

help save costs by providing innovative solutions to problems related to storage and space.

"For example, when one's business grows, there is a need for increased production, which means you need to expand the factory."

"But purchasing another piece of industrial land to build a factory is extremely expensive."

"This is where we come into the picture, by providing solutions that will help lower their expansion costs by maximising space," says Ng.

The price of industrial land has risen from RM18 to RM300 per sq ft in the last 10 years back when the company first started.

"Our consultant will visit the site to understand the customer's needs before coming out with a floor plan drawing indicating the necessary materials and cost."

"Upon confirmation, production and installation can be done within a month's time," explains Ng.

For more information on the company, you can visit www.ttf.com.my

Prestigious Awards

TTF won numerous award and recognition throughout the year, TTF has dedicated its growth and success from contribution of our innovative development team and continuous support of our valued customers.



Product Excellence Awards 2016
SME Platinum Business Awards



Excellent Eagle 2016
Nanyang Golden Eagle Awards



Product and Service Excellence Awards 2016
Sin Chew Business Excellent Awards



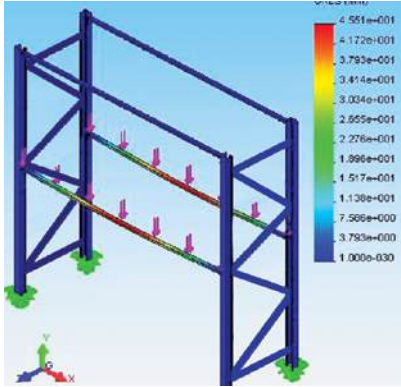
Most Influential Awards 2016 - 2017
Asia Pacific Golden Crown Awards



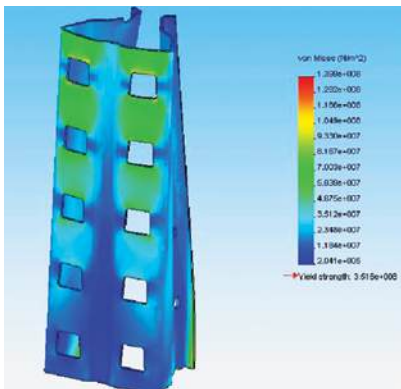
Majlis Anugerah Majikan Terbaik KWSP Selangor 2017



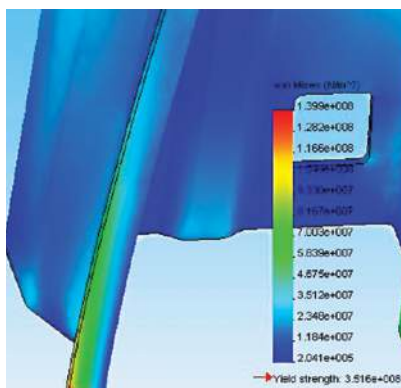
Finite Element & Analysis



Racking design analysis done in finite element analysis to analyse the loading on the beams.



Finite element analysis done on the racking system to ensure the safety and quality of the product.



Computer-Aided Design (CAD) and Computer-Aided Engineering (CAE)

TTF stresses on high quality product and services to our customer. In the design and analysis process, high quality control and analysis is placed in the company's design and production. TTF invested a large capital stressing on CAD/CAE software to ensure the quality and continual improvement of the product.

Computer Modeling

TTF incorporates 3D modeling CAD for design and modeling capacity, reduces error in design and is easier to market. Also, this ensure the accuracy and quality in TTF's products.

Computer Analysis

To ensure the quality of the products, TTF uses state-of-the-art computer-aided engineering (CAE) CosmosWorks to perform simulation and structural analysis. CosmosWorks incorporates the technology finite element analysis to study the factor of safety, deflection for the structure. Generally, finite element analysis is a method of simulating physical systems, in the area of :

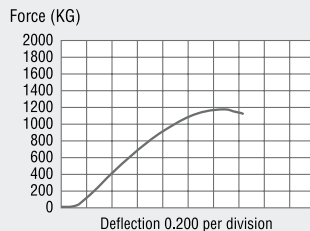
- Static structural mechanics
- Motion kinematics and kinetics
- Heat dynamics
- Fluid dynamics
- Buckling analysis
- Frequency analysis
- Design optimization

Finite element analysis breaks down the model into millions of discrete elements, and then performs calculation on each element to provide a fairly accurate simulation and forecast of the design done. The analysis is done with accurate moulding of the parts and assembly, and the loaded with the working load on the beams. Actual testing is done to validate against the analysis, and the result are found to be within 10% accuracy. The finite element analysis tool aids TTF are accurately stimulate and predict every design. The result is provides a quality product to our customers.

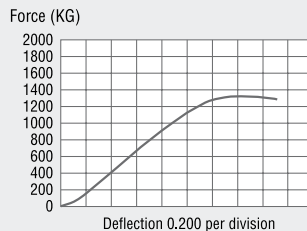
Sirim QAS International Test Report

Product Compression Test

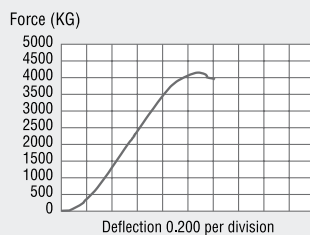
- Compression Test Adoption to ASTM D642



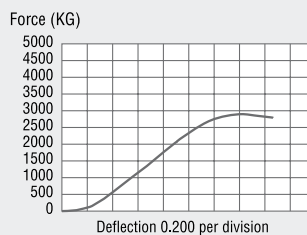
Product : Boltless Rack
Size : 72"H x 24"D x 48"L
Report No. : 2003MA0257
Peak Force : 1188.8kg
Deflection : 12.4mm



Product : Longspan Shelving Rack
Size : 72"H x 24"D x 96"L
Report No. : 2003MA0258
Peak Force : 1326.3kg
Deflection : 35.5mm



Product : Selective Pallet Rack
Size : 1800H x 900D x 2446L (mm)
Report No. : 2003MA0259
Peak Force : 4159.6kg
Deflection : 27.1mm



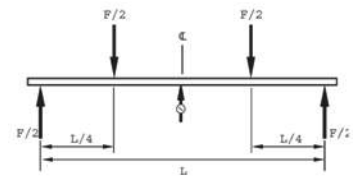
Product : Heavy Duty Shelving Rack
Size : 1800H x 900D x 2446L (mm)
Report No. : 2003MA0260
Peak Force : 2899.3kg
Deflection : 35.6mm



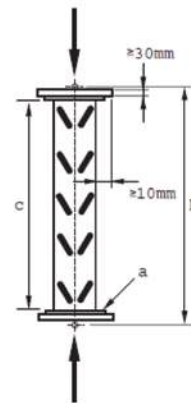
Australian Standard Steel Storage Racking

UTM Test Report (product compression test)

- Compression Test Adoption to AS 4084 and EN 15512

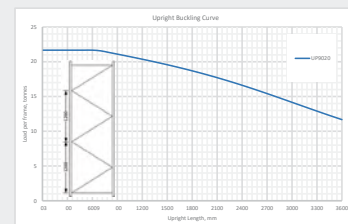
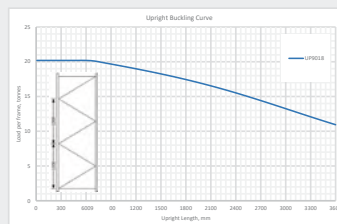
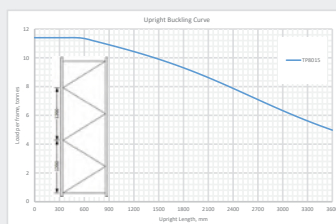


Box Beam Test



Upright Post Test

Test in accordance Australian Standard AS 4084 and European Standard EN 15512



Box Beam OUBB 40 x 85



Box Beam OUBB 40 x 125



Box Beam OUBB 50 x 130

TTF Racking Design Standards

Australian Standard®

**Steel Storage Racking
AS 4084-2012**

Australian Standard®

**Steel Storage Racking
Commentary Supplement
to AS 4084-2012**



At **TTF** we work closely with our customers and together work on our design standards to ensure maximum safety and effectiveness. Products from **TTF** complies with international design standards and requirement such as :

- Australian cold formed structures code (AS 1538-1998)
- Australian standard for steel storage racking (AS 4084-2012)
- RMI 1980 industrial steel storage racks.
- British standards 5950 PT5 1985 code of practice for the design of cold rolled section in steel.

Safety and Health

In **TTF** we promote safe working practices and as a supplier of products that has significant safety implications, we work closely with our customers to minimize accidents.

It's true to say that you will never see a rack installation looking like the Leaning Tower of Pisa. Racks are either vertical or they fall over, and racks falling over is something that everybody wants to avoid. As a manufacturer, **TTF** is always striving to promote safe working practices and ensure that we design, produce and install our products to the highest safety standards.

In addition, there is the Occupational Safety and Health Act 1994 (OSHA) that place personnel responsibility upon within the law an eliminate unsafe practices. Employers must provide a safe working environment, and employees must act in such a manner to ensure his or her safety and that of their workers.



BEFORE



Know How + Know What + Know When + Know Where
+ Know Who + Know Why =

 **TTF RACK**[®]
IDEAL FOR SPACE

AFTER



Overseas Customers



Exhibitions



Overseas Exhibitions



Our Clientele



HEAVY DUTY RACKING SYSTEMS

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IDEAL FOR SPACE





Selective Pallet Racking System

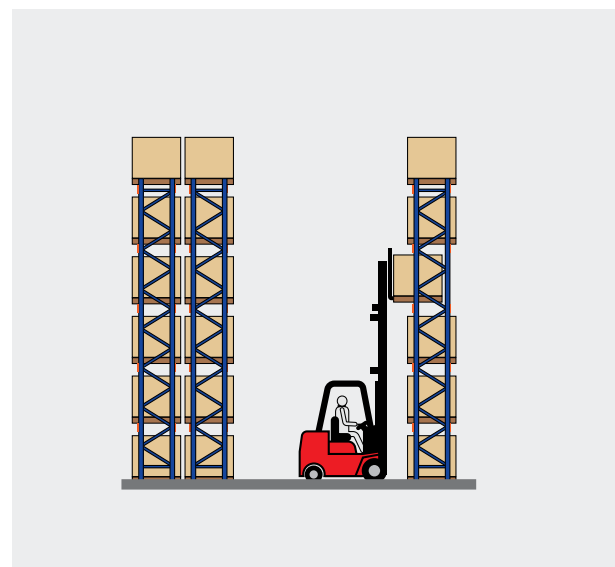
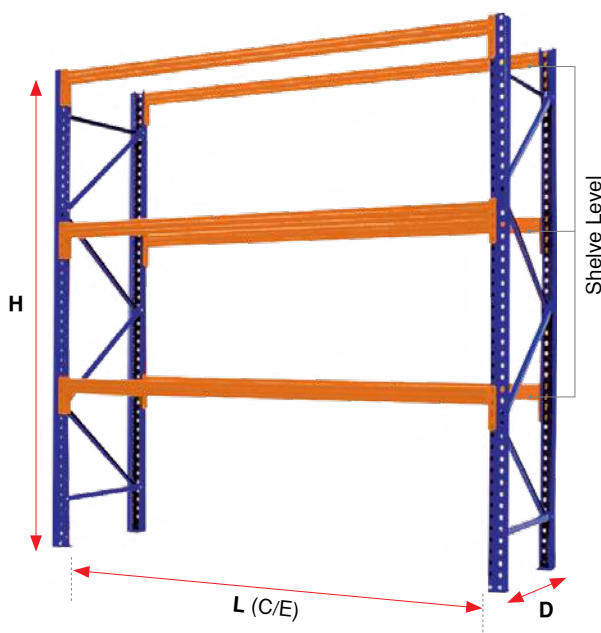
TTF Selective Pallet Racking System is constantly in demand by all warehousing facilities requiring palletized storage and handling. The system allows instantaneous access to store articles without incurring load crushing.

The **TTF Selective Pallet Racking System** offers an excellent stock rotation function and only uses 40% of warehouse floor space. With a maximum uniformly distributive load (UDL), the **TTF Selective Pallet Racking System** is able to withstand loads from 1000kg ~ 3000kg. Effective, economical and flexible, **TTF Selective Pallet Racking System** is the solution to increase warehouse productivity.

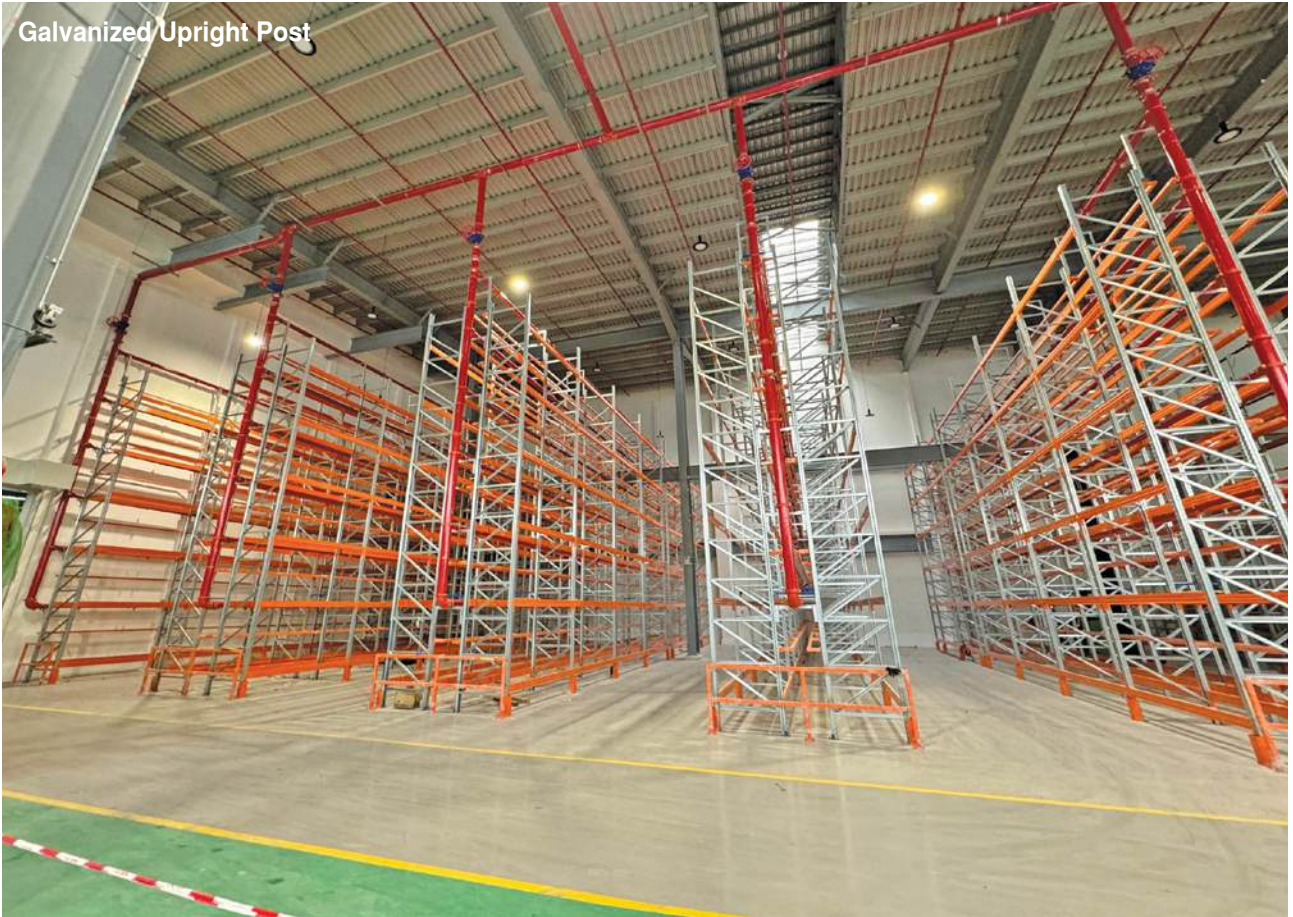
The **TTF Selective Pallet Racking System** can be setup in single and double-sided runs to suit all forklift and hand pallet trucks. Depending on aisle width and maximum load height, **TTF Selective Pallet Racking System** offers a low start-up solution. The **TTF Selective Pallet Racking System** is packed with features for maximum versatility. With features like drum stoppers and frame guards, the system meets strict safety requirements of today's modern warehouse.

Dimension: Height x Depth x Length x Shelf Level x Bay (W/O Plywood)

Height (mm)	900	1200	1500	1800	2100
	2400	2700	3000	3300	3600
	3900	4200	4500	4800	5100
	5400	5700	6000	6300	6600
	6900	7200	7500	-	-
Depth (mm)	450	600	750	900	1000
	1200	1500	-	-	-
Length (mm) C/E	900	1200	1350	1500	1800
	2100	2400	2700	3000	3300
	3600	-	-	-	-
Shelf Level	2	3	4	5	6
	(Available customize)				
Decking Material	Bay (Without Plywood)				
Loading Capacity (kg)	1000 kg - 3000 kg UDL / level				
Colour	Beam ■ ■ (optional)				
	Upright ■				



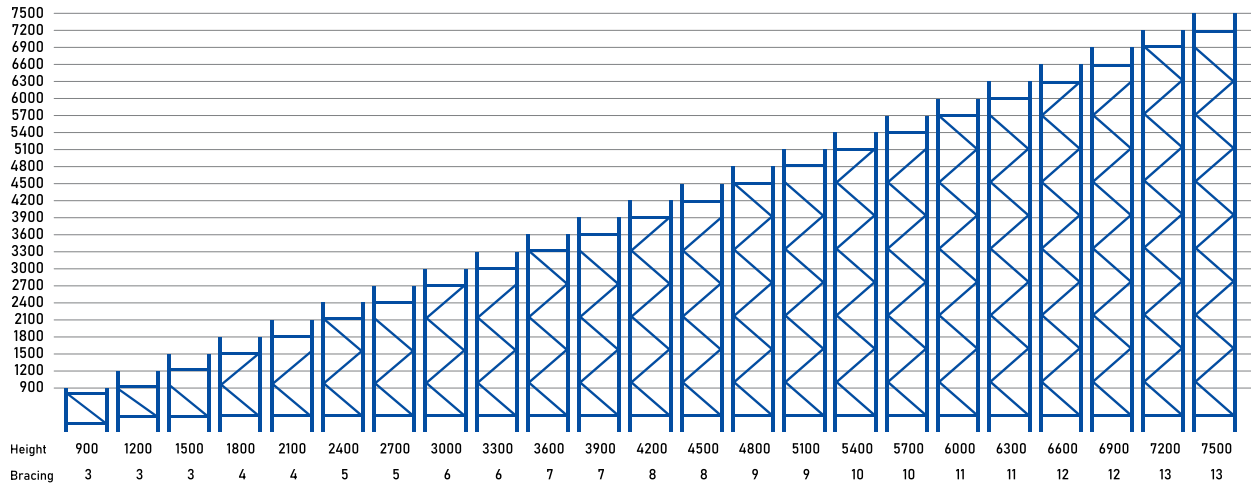
Galvanized Upright Post



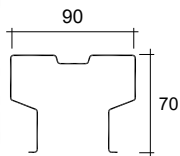
Selective Pallet Racking System



Heavy Duty Frame Set Height (mm)

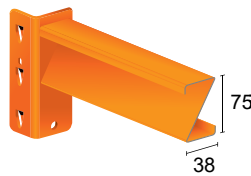


Upright Post

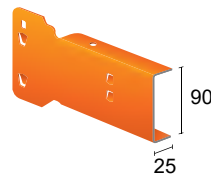


UP 90x70

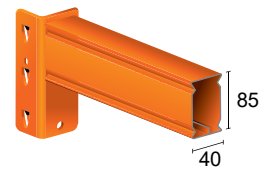
Box Beam Profile



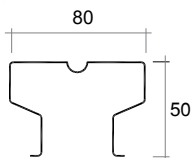
OUZB 38x75



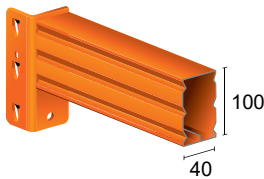
OUCB 25x90



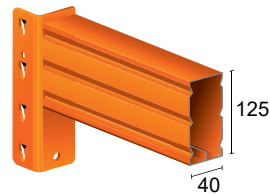
OUBB 40x85



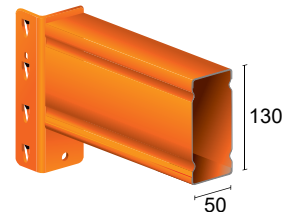
TP 80x50



OUBB 40x100

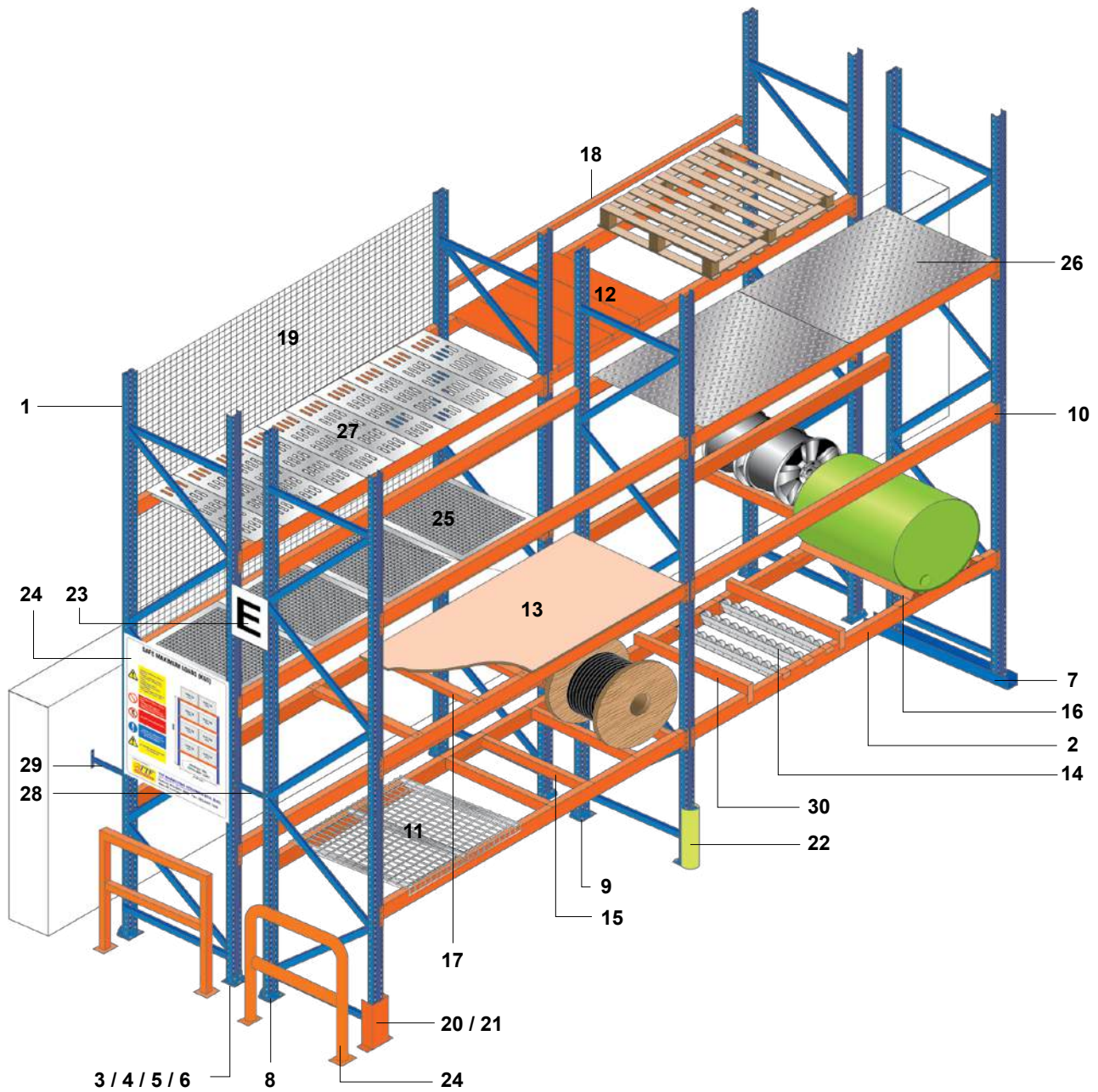


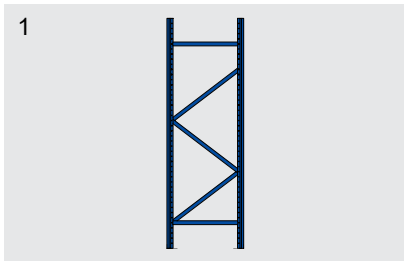
OUBB 40x125



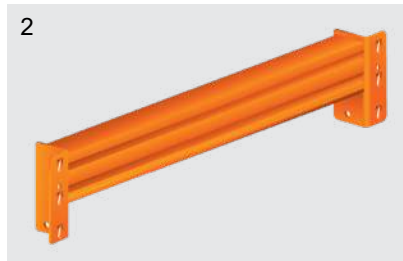
OUBB 50x130

Standard Heavy Duty Racking Components





UP Frame Set



Box Beam



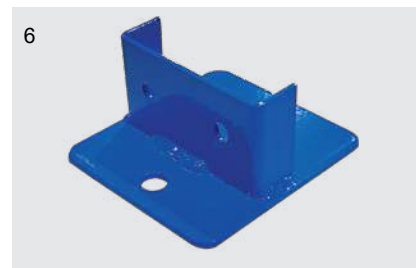
UBP Base Plate



TBP Base Plate



HBP Base Plate



CBP Base Plate



C-Channel Base Plate



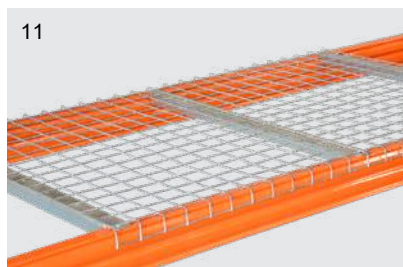
Levelling Plate



PJ Anchor



Safety Pin



Mesh Decking



Heavy Duty Metal Shelf



HDF Board / Plywood / Cement Board



Placon Roller

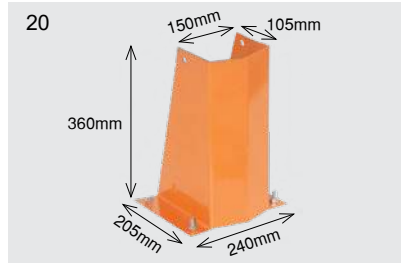


Sport Rim Stopper

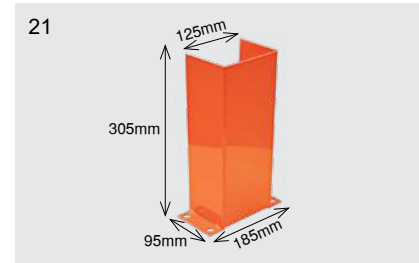
Standard Heavy Duty Racking Components



Mesh Fencing



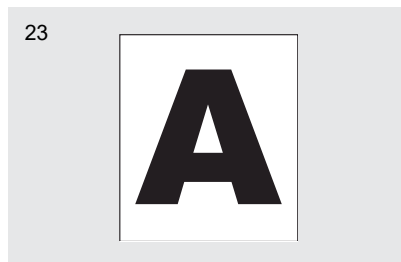
O Frame Guard (Type A)



O Frame Guard (Type B)



Rack Armour



Row Sign



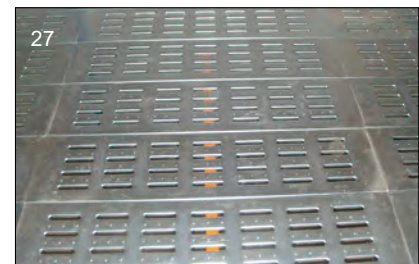
Safe Load Notice



Steel Grating



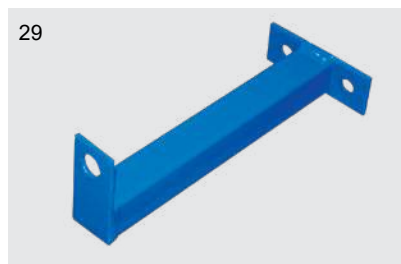
Chequer Plate



Perforated Metal Floor Plain



Frame Joint



Wall Joint



Heavy Duty Divider



Drum Stopper

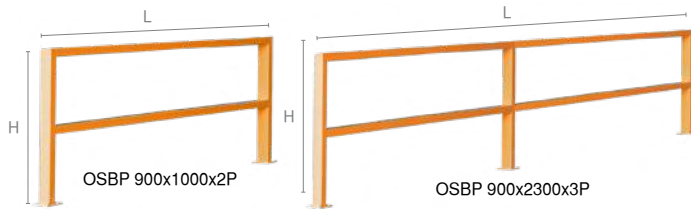


Heavy Duty Center Support



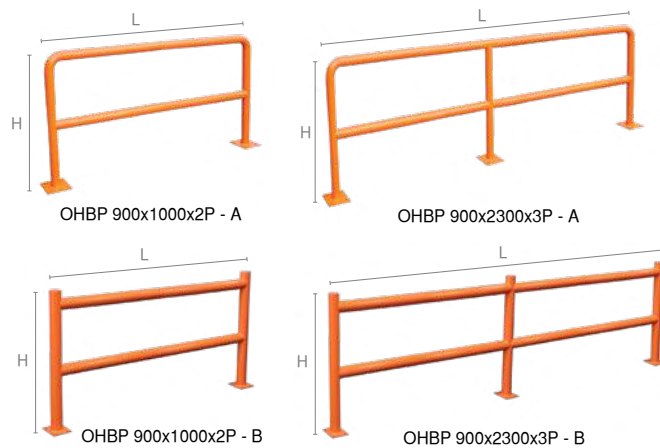
Pallet Stopper

Barrier Protector



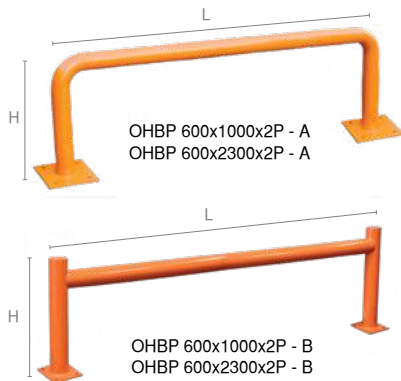
Standard Barrier Protector

Product code	OSBP 900x1000x2P	OSBP 900x2300x3P
Size H x L (mm)	900 x 1000	900 x 2300
SHS size (mm)	50 x 50	
No. of Pole	2	3



Heavy Duty Barrier Protector

Product code	OHBP 900x1000x2P		OHBP 900x2300x3P	
Type	A	B	A	B
Dimension H x L (mm)	900 x 1000		900 x 2300	
Pipe Diameter (mm)	Ø75			
No. of Pole	2		3	



Barrier Protector

Product code	OHBP 600x1000x2P		OHBP 600x2300x2P	
Type	A	B	A	B
Dimension H x L (mm)	600 x 1000		600 x 2300	
Pipe Diameter (mm)	Ø75			
No. of Pole	2			



Detachable Barrier Protector

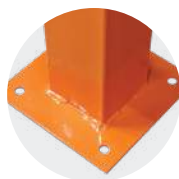
Product code	ODBP 900x1000x2P	ODBP 900x2300x3P
Dimension H x L (mm)	900 x 1000	900 x 2300
SHS size (mm)	100 x 100	
No. of Pole	2	3



Post OP 100100900
Size: 100 x 100 x 900



Lip Channel OLC 40100
Size: 40 x 100 x 800 / 1000



Pallet Flow Systems



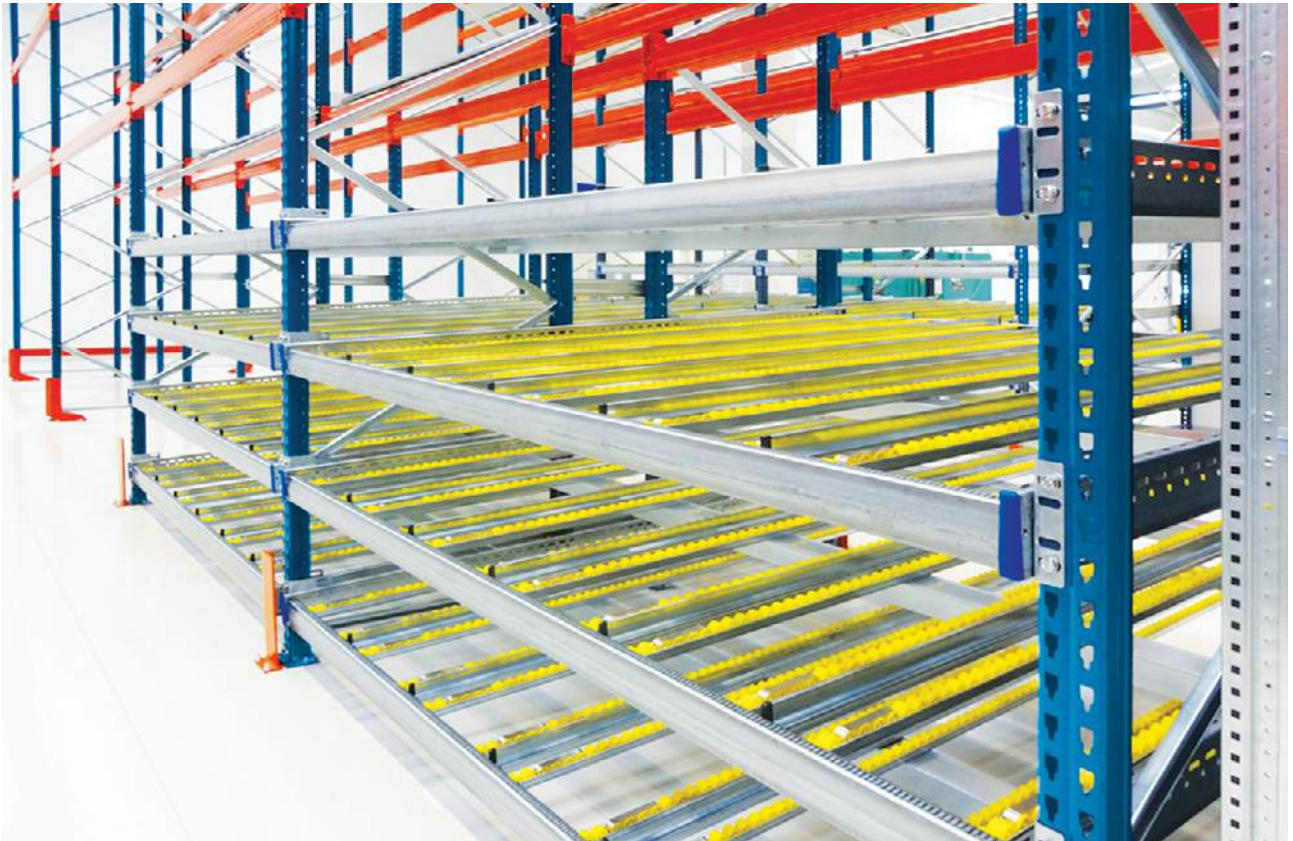


Pallet Flow Systems





Carton Flow Systems





Cart Push Back Systems



Heavy Duty Shelving System



Specifically constructed and designed for tough loads between 1000kg ~ 3000kg UDL, heavy capacity warehouses can now look towards our range of **Heavy Duty Shelving System**. Our own innovation, the box beam increase loading capacity of the **Heavy Duty Shelving System**, the versatility of the box beam bracket enables easy installation and dismantling according to customer application.



Dimension: Height x Depth x Length x Shelf Level x Decking Material

Height (mm)	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	4200	4500
	4800	5100	5400	5700	6000	6300	6600	6900	7200	7500	-	-	-
Depth (mm)	450	600	750	900	1000	1200	1500	-	-	-	-	-	-
Length (mm) C/E	900	1200	1350	1500	1800	2100	2400	2700	3000	3300	3600	-	-
Shelf Level	2	3	4	5	6	(available customize)							
Decking Material	12mm High Density Fiber Board / Pywood / Metal Shelf												
Loading Capacity (kg)	1000 kg - 3000 kg UDL / level												
Colour	Beam <div><div></div><div></div><div></div></div>							Frame Set <div><div></div><div></div></div>					





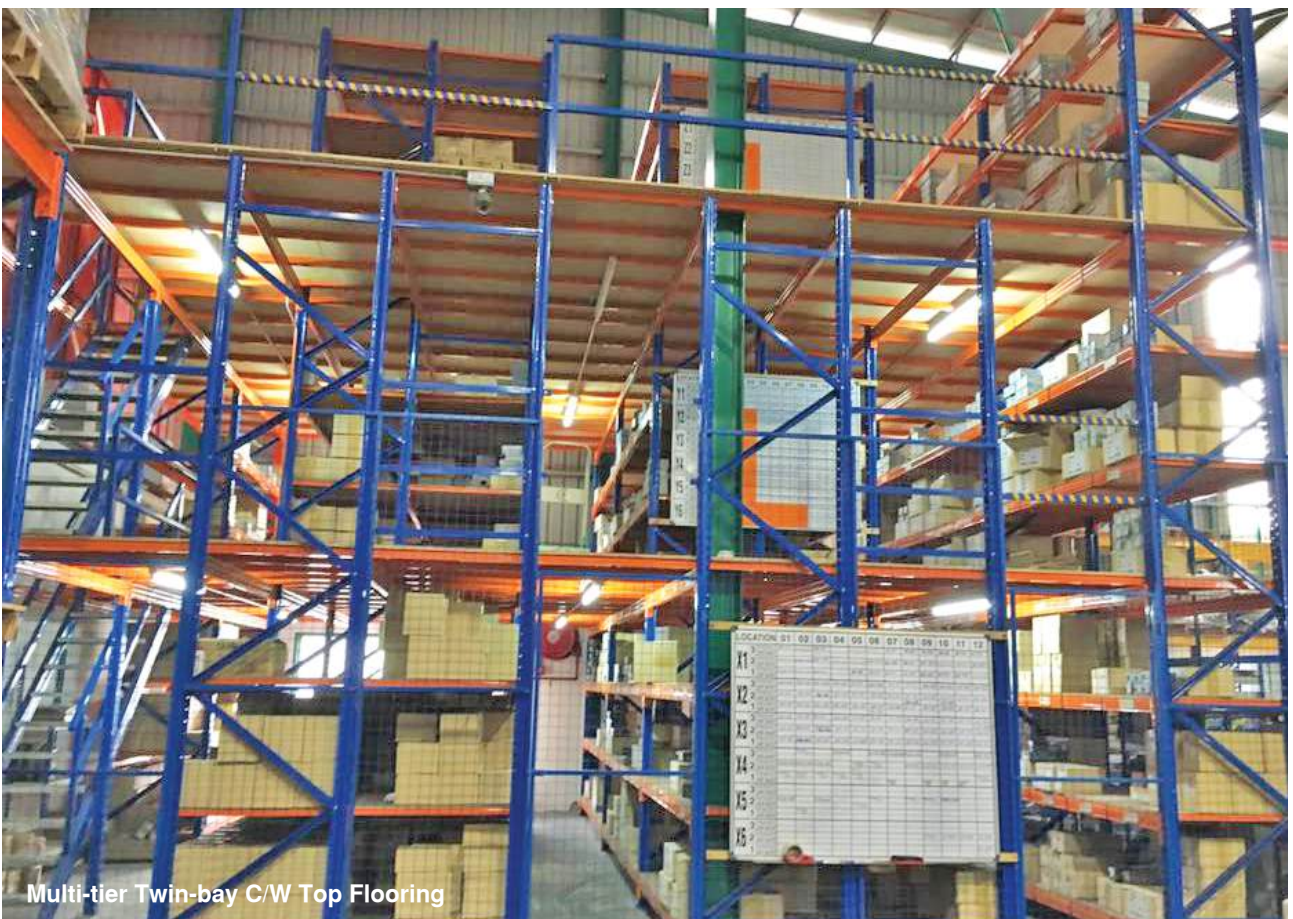
Twin-bay Racking System



Twin-bay C/W Top Flooring

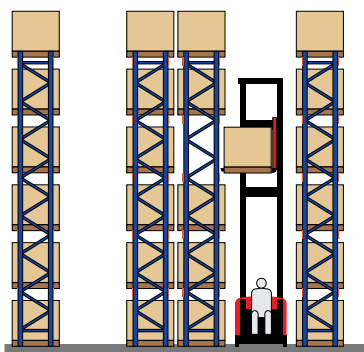


TTF Twin-bay Racking System was conceptualized as a cost saving system. With the application of our unique bracing system, the **Twin-bay Racking System** offers double the storage capacity and warehouse storage efficiency. The **Twin-bay Racking System** is made to withstand loads between 1000 kg ~ 3000 kg UDL.



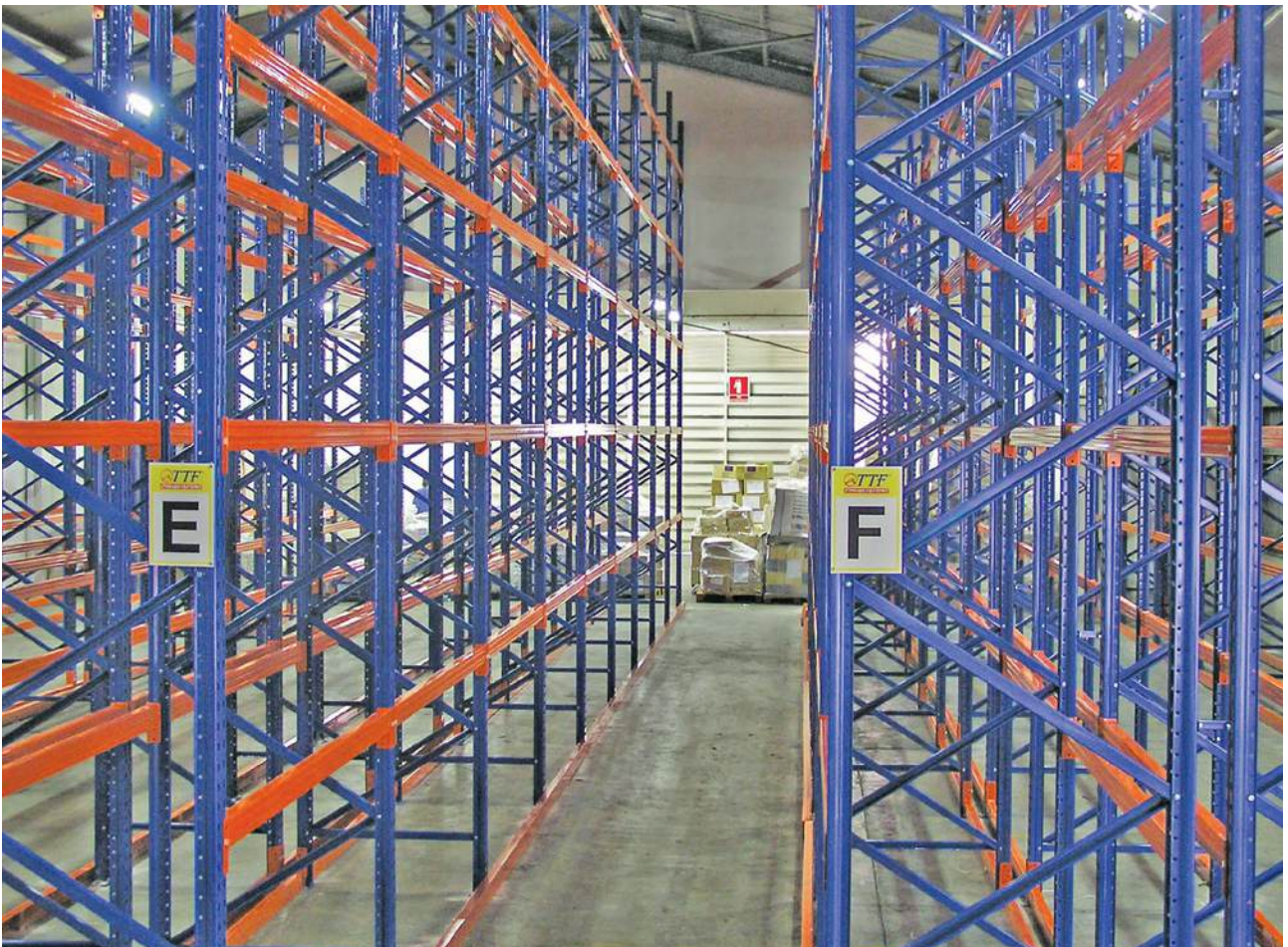
Multi-tier Twin-bay C/W Top Flooring

Narrow Aisle Racking System



Combination Order Picker & Turret Truck

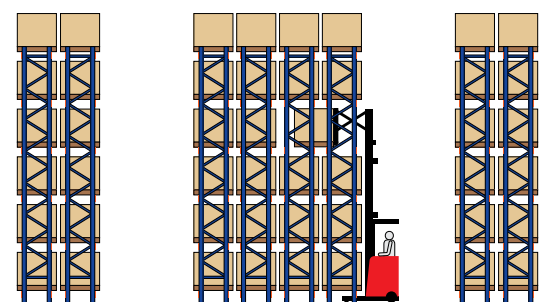
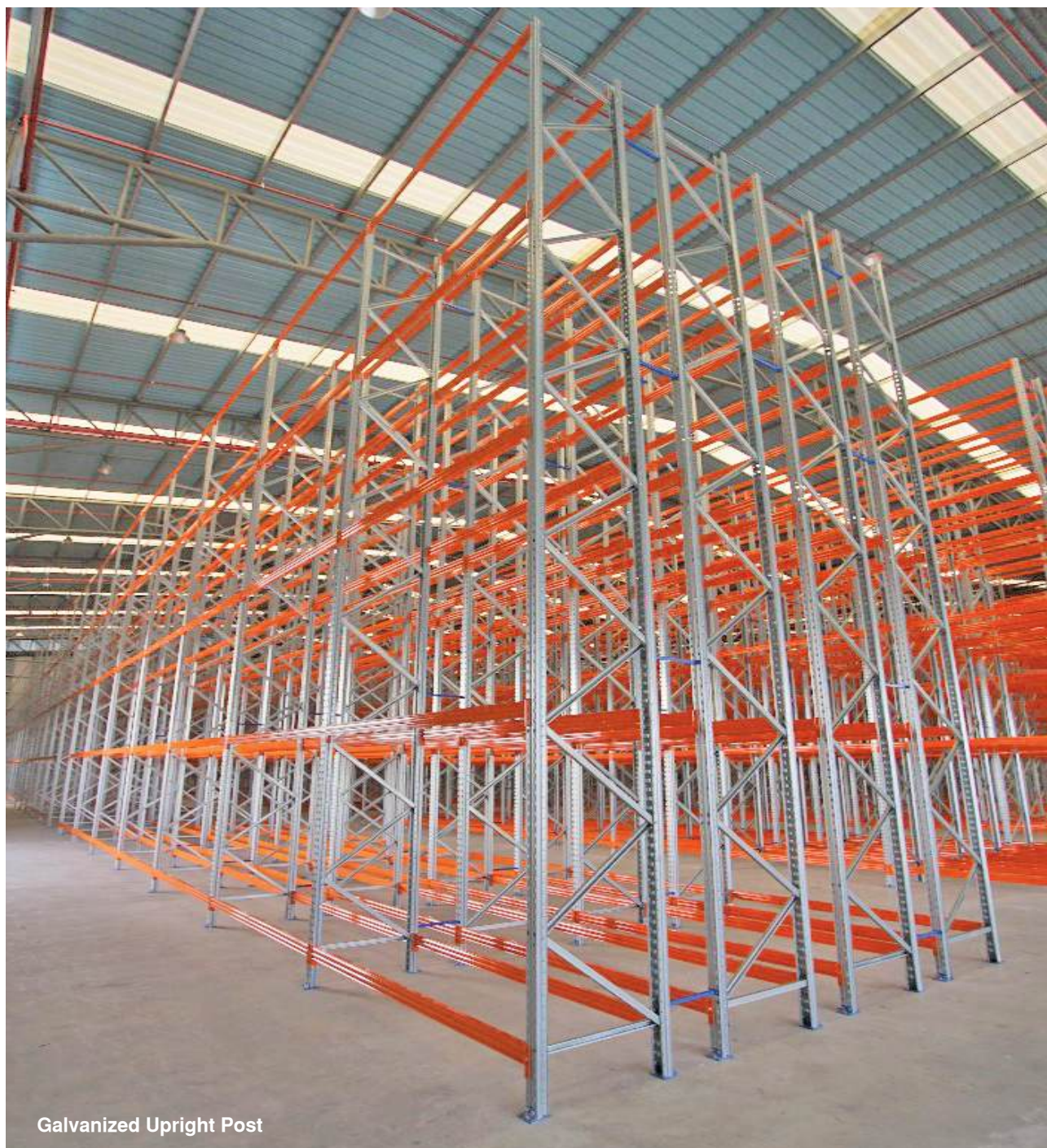
TTF Narrow Aisle Racking System provides high density storage while still allow individual access to all pallets. It's serve by special designed handling equipment: combination order pickers and turret truck or stacker cranes. It's needed to manoeuvre in the narrow aisle between the racks and aisle are marginally wider that the special truck, thus it guided along the aisle and do not turn to retrieve or deposit a pallet. The mast or fork head rotates to left or right as required. These system come into their own where only a limited floor space but store a large volume of stock and pallet.



Double Deep Racking System

Due to high-emphasis on safety required throughout racking systems, **TTF** have developed the **Double Deep Racking System**. **TTF Double Deep Racking System** was designed to store 2 pallets deep or 4 pallets deep in a double entry rack to suit most warehousing conditions. With a floor utilization capacity of 60%, this system offers optional storage accessories for awkward and non-standard loads. It gives 50% immediate accessibility and an average stock rotation performance.

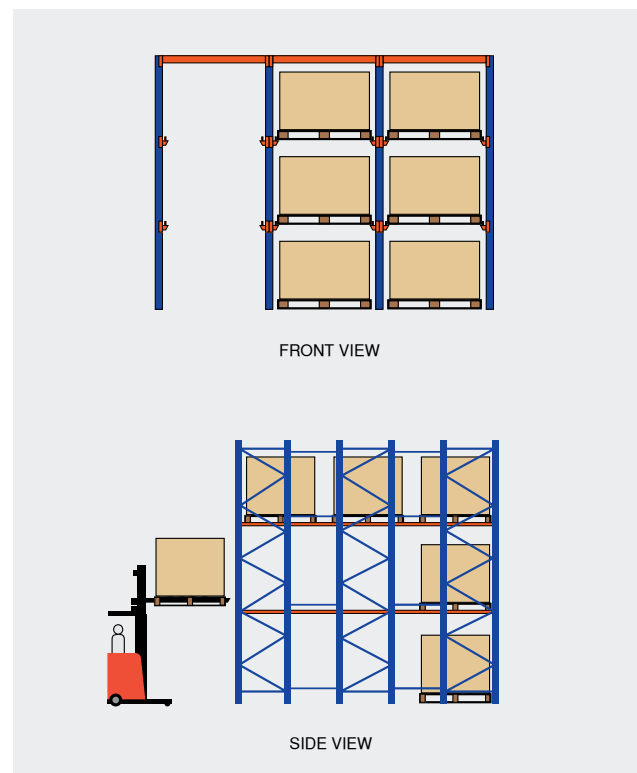


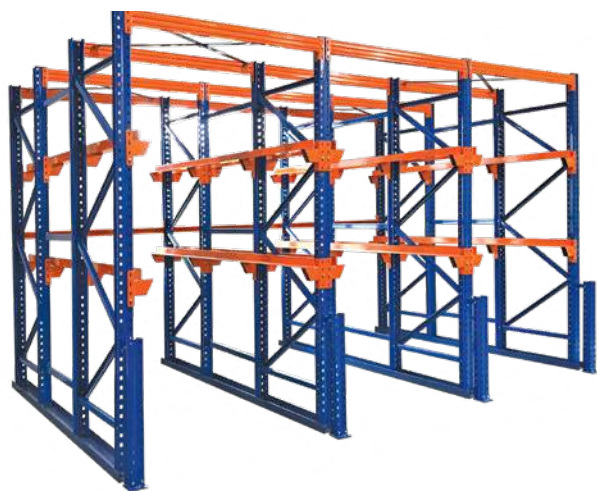


Drive-in Racking System



TTF Drive-in Racking System allows long term storage of same size goods. The design allows forklift trucks to be driven right into the centre of the block between any uprights on the front face for pallet retrieval. This is made possible because the design does not need cross beams that will block entry. The pallets are supported on the front to back edges by continuous rails cantilevered from the upright at each pallet level. Stock rotation is poor with a floor utilization capacity of 65%. Again, **TTF** versatility in fabricating rack systems according to customer required specifications make the **Drive-in Racking System** a formidable business solution. All safety aspects and product load specifications are formulated by 3D CAD software to suit customer's need.



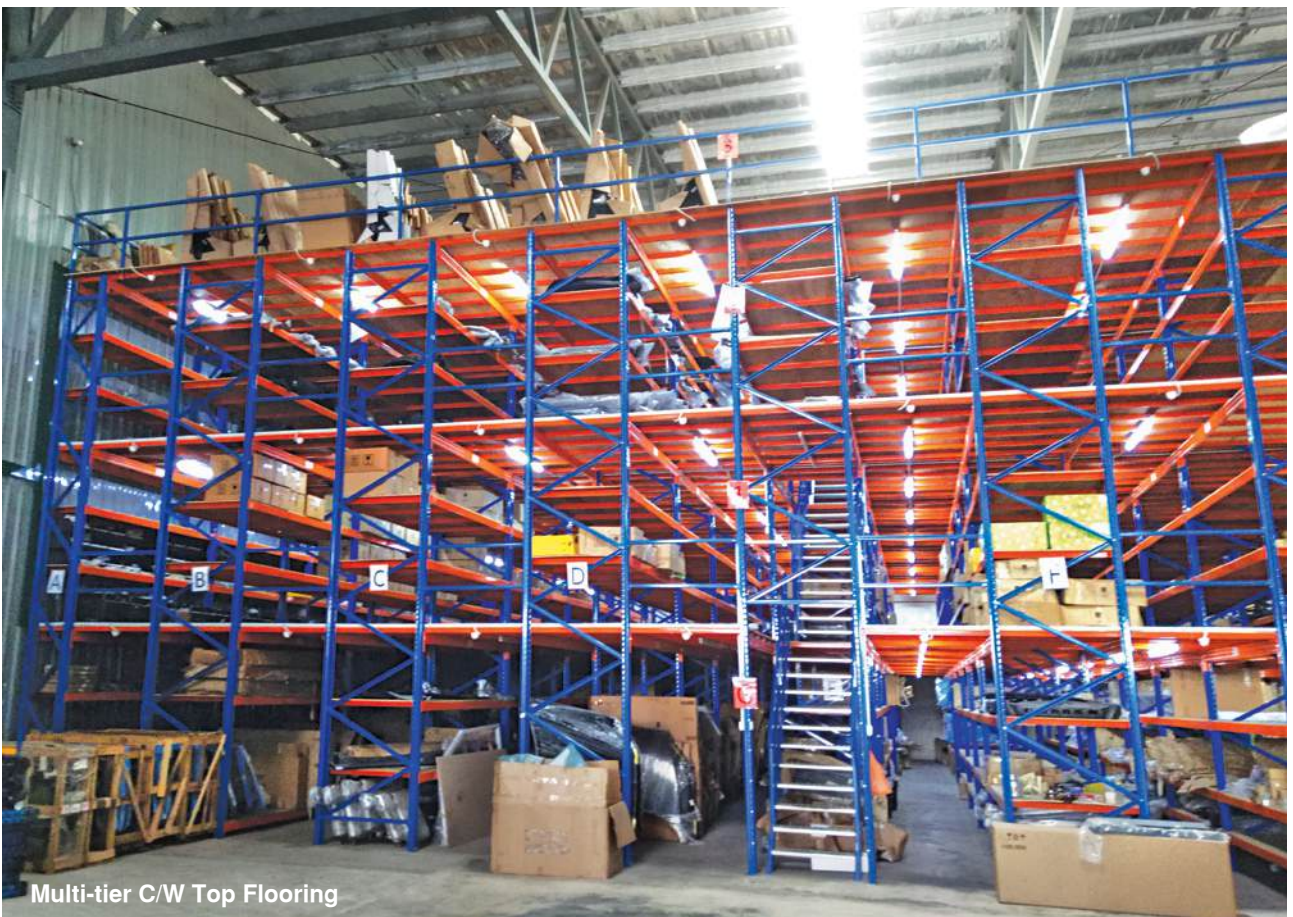




Heavy Duty Shelving C/W Mezzanine Floor

TTF innovative **Heavy Duty Shelving C/W Mezzanine Floor** is a 2-in-1 solution in today's world where space is a premium. Perfect for commercial or industrial locations, the design optimizes vertical space and offers instant access to stock handling. The system is a rack supported structure with versatile multi-tier application. The mezzanine floor system gives industry leaders an option to add an additional floor for staff upgrade and storage needs.





Multi-tier C/W Top Flooring

Decking Material



Steel Grating



Cement Board



HDF Board / Plywood



Chequered Plate



Perforated Metal Floor Plain




Metal Floor Plain

TTF Mold Rack

TTF Mold Rack are perfect for storing heavy goods such as modules, motor and tools. The mold racks have one-way pullout shelves along with sheet base panel for making the warehousing much simpler. Each rack loading capacity 800kg UDL / level.

Dimension: Height x Depth x Length x Shelf Levels

Height (mm)	800 / 2400
Depth (mm)	750 + 300 x 2 unit back to back
Length (mm) C/E	1500
Movable Shelf (mm)	770 x 1490 (3 Movable)
Shelve Level	4
Rack Outer Depth (mm)	2250
Rack Outer Length (mm)	3270
Loading Capacity (kg)	800 kg UDL / level
Colour	 Frame Set  Beam
	 Frame Set, Beam

Size available in customized.



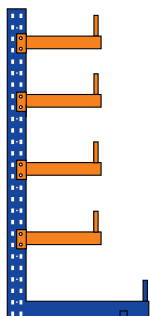


Cantilever Racking System

This system allows storage of long-length stock and is perfect for outdoor or indoor of goods facilities and work sites. **TTF Cantilever** accommodates the need for quick and easy height and width positioning of goods. A flexible solution for both double-sided and wall access applications, the system is an economical solution for storing long bars, wood, tubes, pipes and etc. Permanent stopper on storage arms ensure easy loading and safe goods storage. The cantilever arms can be placed at suitable levels for maximum utilization of vertical space.

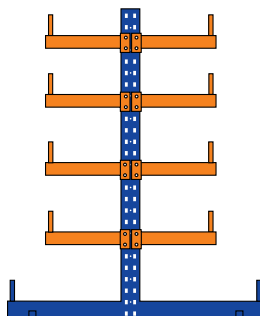


SIDE VIEW



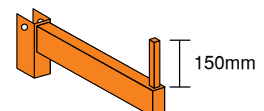
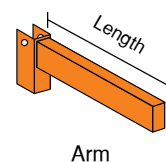
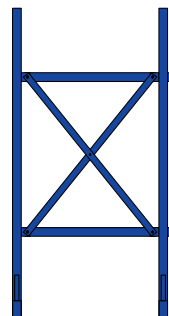
Single Sided

SIDE VIEW



Double Sided

FRONT VIEW



Arm with Stopper



Heavy Duty Cantilever C/W Top Flooring



Heavy Duty Cantilever Mezzanine

Dimension: Height x Width x Arm Length x Level

Height (mm)	1800	2100	2400	2700	3000	3300	3600
Depth (mm)	700	800	950	1000	1100	1200	-
Length (mm)	600	750	900	1200	-	-	-
Loading Capacity (kg)	100 kg - 500 kg UDL / level						
Colour	■ Bracing			■ Arm			

Remarks: medium duty specifications



Medium Duty Single Sided Cantilever
(100kg - 500kg)



Cantilever C/W Metal Shelving
Plate with Divider



Universal Beam Heavy Duty Single
Sided Cantilever (1000kg above)



Racking System Mezzanine Floor



TTF Racking System Mezzanine Floor was designed with simplicity and efficiency in mind. The Racking System Mezzanine Floor is made-up of SHS column and box beam type primary beam for life time safety and peace of mind. The system is ideal for maximum space usage to increase company profitability. Easily installed and dismantled without the need for on-site welding.

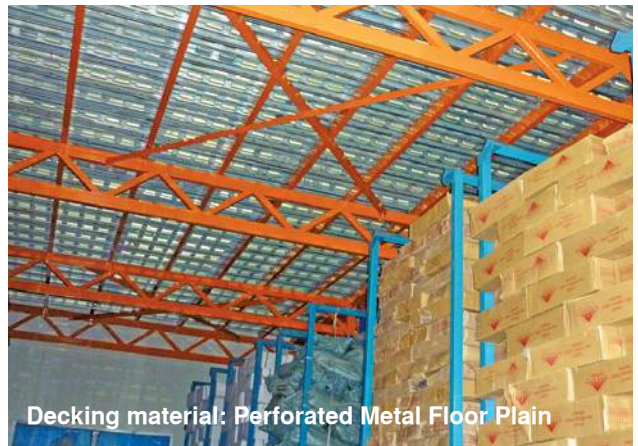




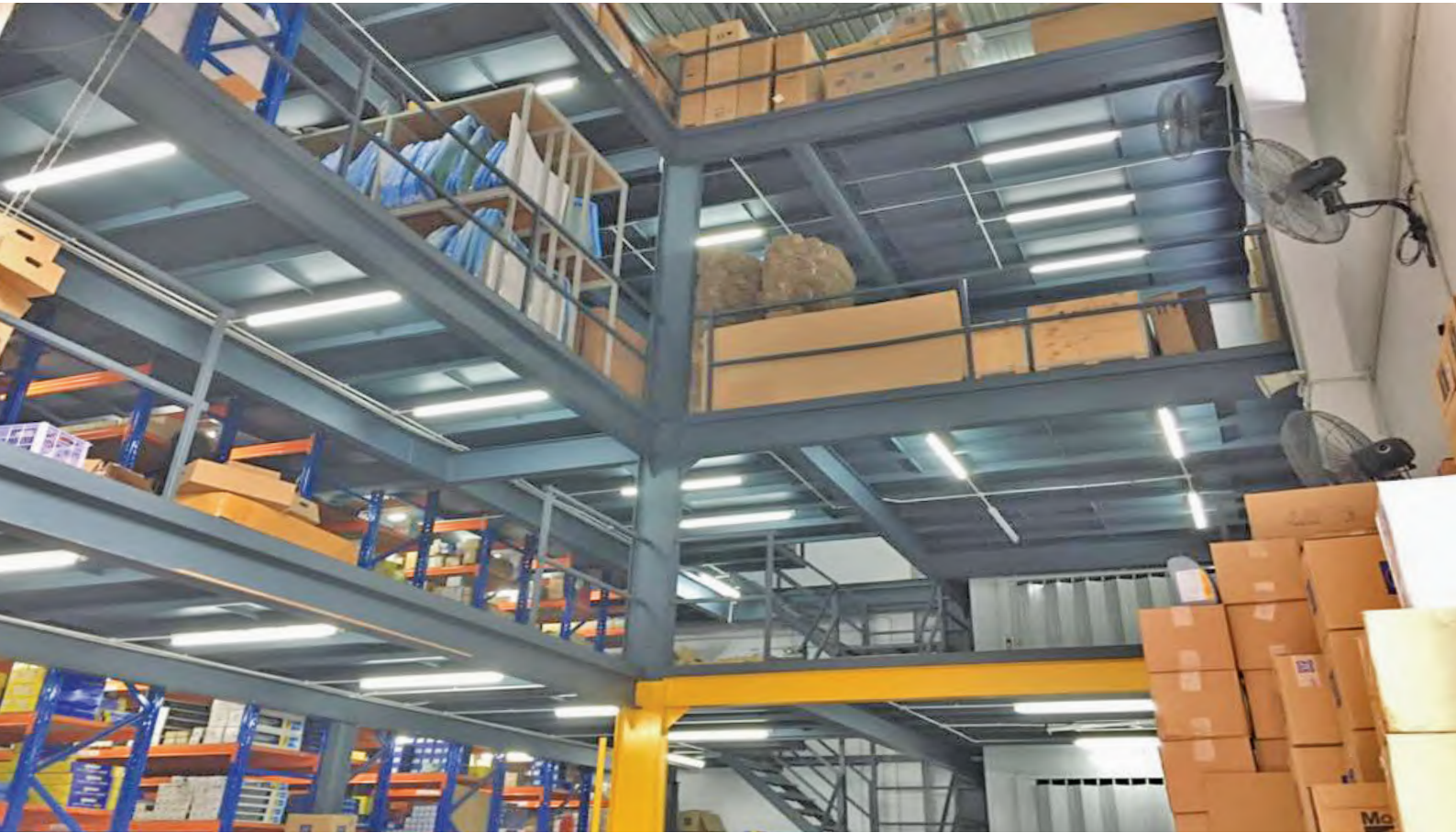
Truss System Mezzanine Floor

TTF Truss System Mezzanine Floor was designed with simplicity and efficiency in mind. The **Truss System Mezzanine Floor** is made-up of SHS column and Truss type support beam for life time safety and peace of mind. The system is ideal for maximum space usage to increase company profitability. Easily installed and dismantled without the need for on-site welding.





Steel Platform



Multi-tier Steel Platform System

With an extremely popular trend of utilizing critical space by architects and builders, **TTF Steel Platform** provides the missing link to space-saving puzzles. Extremely strong and meeting all building safety requirements, the Steel Platform is a popular choice for many applications in permanent warehousing, medium scale factories and even amusement park application. Our **Steel Platform** design is built with a solid universal beam that is longer, requiring less column supports. Top flooring can be made of plywood or mild steel plate.





Chequer Plate



SMART WAREHOUSE AUTOMATION & RETRIEVAL SYSTEMS

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2 Way Radio Shuttle

Loading capacity: 1500kg - 2000kg

Product details
Click Here



- Economic Type
- Standard Type
- Heavy Load Type



- Advanced Type
- WIFI Type
- Stacker Type

Product details
Click Here



Shuttle Rack



Smart Warehouse Automation Systems



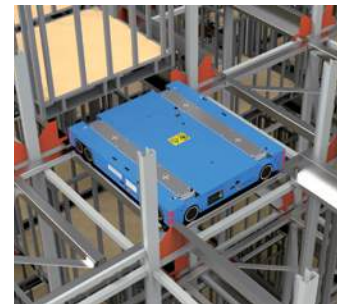
4 Way Radio Shuttle



Standard (PTR-HS)



Heavy (PTR-HW)



- Horizontal pallet transport robot
- Vertical pallet transport robot
- Convey pallet transport robot

Software

- WMS (Warehouse Management System)
- WCS (Warehouse Control System)

Automated Guided Vehicle (AGV)



Integration Option



Mobile Robot

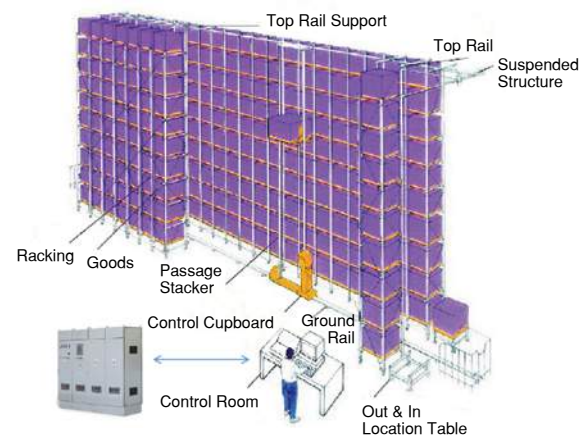
Q3 series



Q7 series



Automated Storage & Retrieval System (ASRS)



TTF AS/RS System consists of assembly racking and welding racking. Complimented by passage stackers, conveyor system and computer control system, it guarantees the fullest space utilization, handling mechanization and storage management modernization.



Planning Stage

Custom design for warehouse layout and spacing optimization blueprint by site visits and technical discussions.

Designing Stage

ASRS components technical selection by engineers in engineering division to meet customer requirements.

Manufacturing Stage

Manufacturing of selected components according to configured mode and design drawings.

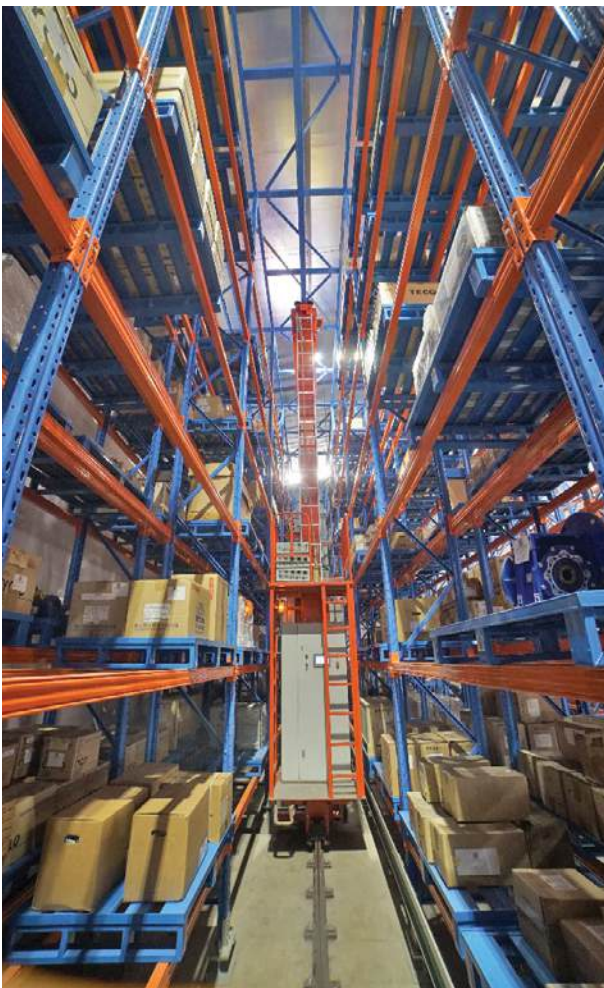
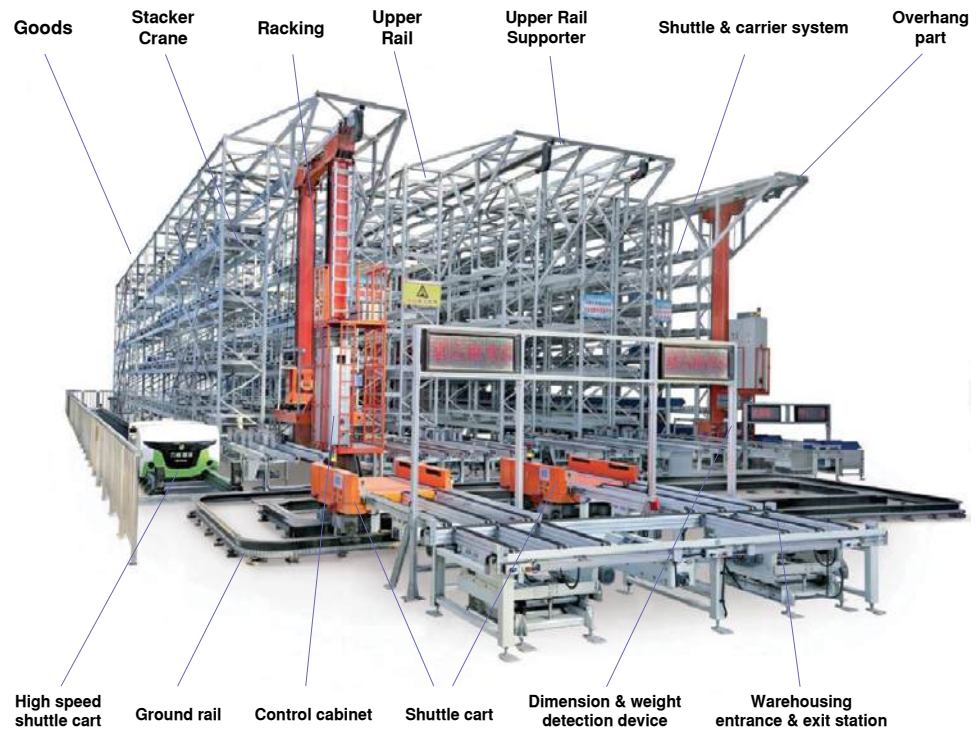
Installation Stage

Assemble, install & debug of mechanical structure and electrical control system at customer site.

After Sales Stage

Technical support / services at site and remote online maintenance by professional engineers at your requests.

Custom Design System



ASRS Concept Structure

- Beams/ Bracket type racking with high steel quality for whole assembly structure.
- Steel pallet to load goods with strong loading capacity and better rigidity.
- Main components of racking being manufactured in high precision production.
- Installation done by certified engineers and technicians at site.

ASRS Benefit Highlights

- ✓ High storage density degree vs space.
- ✓ Increased variety of goods stored.
- ✓ Micro warehouse cells stock check.
- ✓ Maximum store space utilization.
- ✓ High rise warehouse structure.
- ✓ Minimum land space utilization.
- ✓ High automatic operational speed.
- ✓ Minimum manual stock handling tasks.
- ✓ Minimum stock damages and losses.
- ✓ Application for Industry 4.0 implementation.
- ✓ Interface syncing with mainframe ERP / SAP.
- ✓ Auto database logs and ISO reporting formats.
- ✓ Real time inventory management.
- ✓ Increased inventory stock accuracy.
- ✓ Increased warehouse overall efficiency.
- ✓ Short ROI period of approximately 2 to 3 years.
- ✓ High rate of increased operation efficiency.
- ✓ Skilled workers development via technology.

MEDIUM DUTY RACKING SYSTEMS

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IDEAL FOR SPACE





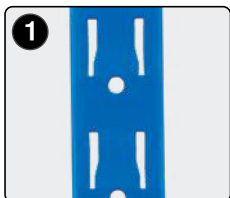
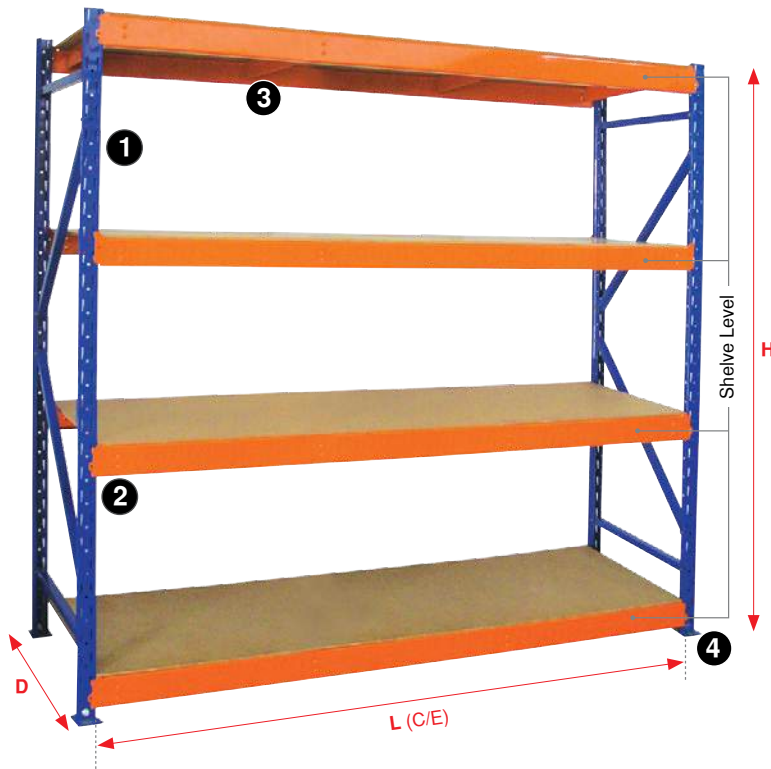


Ideal Longspan Shelving System

TTF Ideal Longspan Shelving is design for fast access and maximizing minimal storage capacity, the system is a versatile solution to a vast majority of businesses. From medium-sized to large loads and items, **TTF Ideal Longspan Shelving System** is purpose-built according to client requirements. Long lasting epoxy finish increases lifespan of durable rack system. With a UDL capacity of between 500 kg ~ 1000 kg, **TTF Ideal Longspan Shelving System** has option for an endless list of storage needs. The system is extremely reliable and offers a save, and sturdy storage environment.

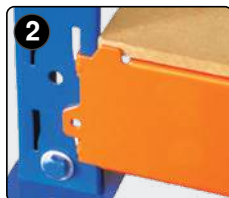
Dimension: Height x Depth x Length x Shelf Level x Decking Material

Height (mm)	1200	1500	1800	2100	2400	2700	3000
	3300	3600	3900	4200	4500	4800	5100
	5400	5700	6000	-	-	-	-
Depth (mm)	450	600	750	900	1200	-	-
Length (mm)	1200	1500	1800	2100	2400	-	-
Shelf Level	2	3	4	5	6	(Available customize)	
Decking Material	12 mm thickness HDF Board / Plywood / Metal Shelving Plate						
Loading Capacity	500 kg UDL / level						
Colour	 Beam			 Frame Set			



Post (IP)

Vertical component of rack which horizontal and diagonal brace are tighten with bolt and nut and beams are attached.



C-Beam (IHC)

To provide ultimate strength and stability.



Center Support (ILS)

To support center of decking material and against longitudinal deflection.



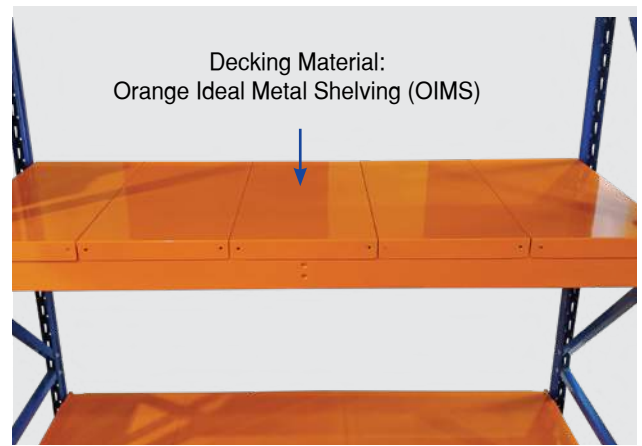
Base Plate (IBP)

Standard base plate for racking post.

Ideal Longspan Shelving System

Ideal Longspan Shelving Mezzanine Floor

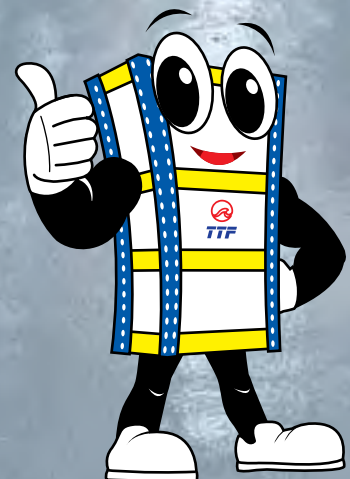




LIGHT DUTY RACKING SYSTEMS

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IDEAL FOR SPACE

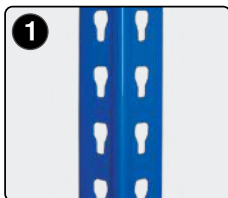


Boltless Rack



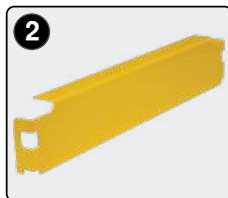
The **TTF Boltless Rack** minimizes setup time and offers a vast selection of heavy to light racking system requirements. Easy and fast to install and dismantle, **TTF Boltless Rack** can be applied to existing racking systems for increased cost savings in warehouse storage systems.

Sirim Test Report: 2003MA0257



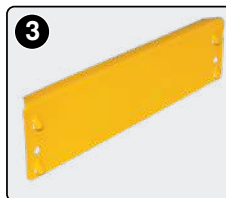
Angle Post with Rib (AP)

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



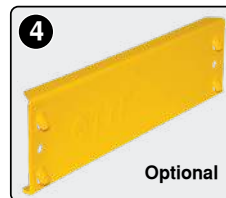
Center Support (CLS)

To support center of decking material and against longitudinal deflection.



Standard Beam (TRB)

To provide ultimate strength and stability.



Twin Rivet C Beam (TRC)

To provide ultimate strength and stability.



AP Slim Stopper (APSS)

Protect floor from damaged.

Dimension: Height x Depth x Length x Shelf Level x Decking Material

Height	in	30	36	48	60	72	84	96	108	120	132	144	-	-
	cm	76	91	122	152	183	213	244	274	305	335	366	-	-
Depth	in	12	16	18	24	30	36	42	48	-	-	-	-	-
	cm	30	41	46	61	76	91	107	122	-	-	-	-	-
Length	in	12	16	18	24	30	36	42	48	54	60	72	84	96
	cm	30	41	46	61	76	91	107	122	137	152	183	213	244
Shelf Level		2	3	4	5	6	Customize available							
Decking Material		High Density Fiber Board												
Loading Capacity (kg)		100 kg - 400 kg UDL / level												
Colour		<div><div></div> Beam <div></div> Frame Set</div>												



Related Products



Boltless Rack + Multi Tool Box



Boltless Workbench



Boltless Hamper Rack



Pigeon Hole Boltless Rack

Decking Material

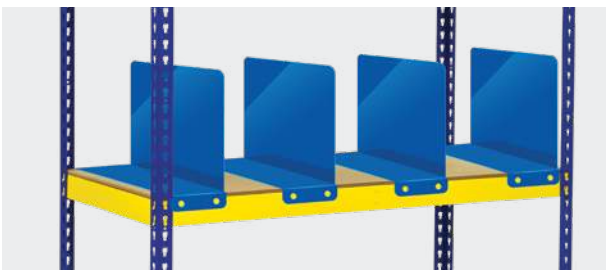
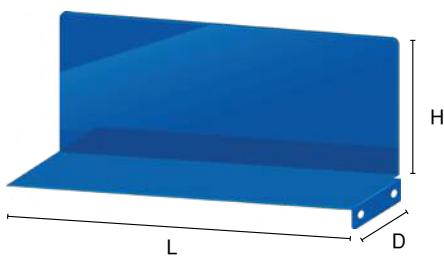


Metal Shelf



HDF Board / Plywood

Accessories



Metal Shelf Divider

Product code		MSD 1530	MSD 2545	MSD 3057
Height	mm	150	250	250
Depth	mm	100	100	100
Length	mm	300	450	575
Colour		Dark Blue or customized colour		

AP Castor Wheel



AP castor wheel with brake
Product code: TPR4BT



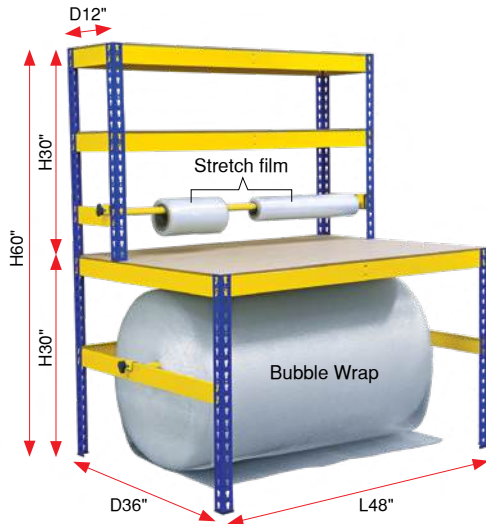
AP castor wheel without brake
Product code: TPR4ST



Trolley Boltless Rack

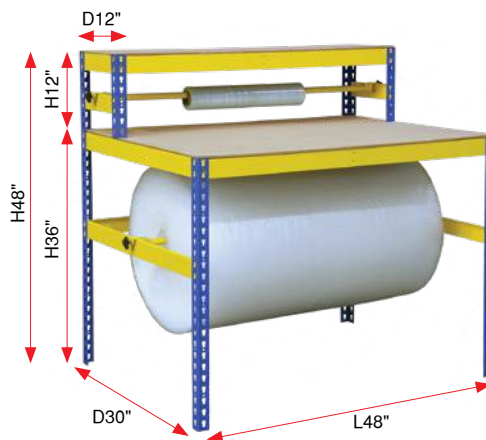
Boltless Rack Packing Table

We have different sizes and version of **Boltless Rack Packing Tables** suitable for all your needs. It is designed for warehouse, shipping / packing depts. **TTF Boltless Rack Packing Tables** are made from high-quality materials, and they are guaranteed to offer the user a long-lasting performance.



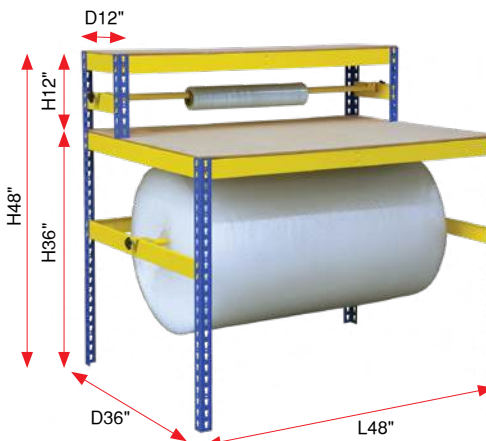
TYPE A

Code		BRPT (3030) 3648-A	
Height	in	30	60
	cm	76	152
Depth	in	12	36
	cm	31	91
Length	in	48	
	cm	122	
Decking Material		8mm HDF board	
Included		Round pipe & APSS	



TYPE B

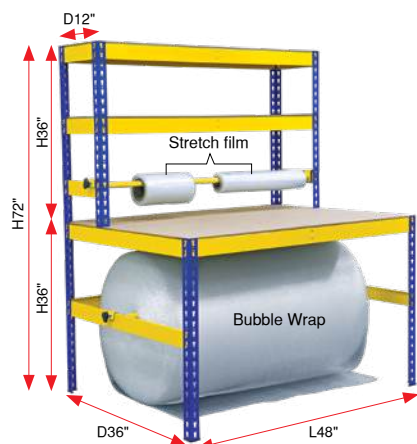
Code		BRPT (1236) 3048-B		
Height	in	12	36	48
	cm	31	91	122
Depth	in	12	30	-
	cm	31	76	-
Length	in	48		
	cm	122		
Decking Material		8mm HDF board		
Included		Round pipe & APSS		



TYPE C

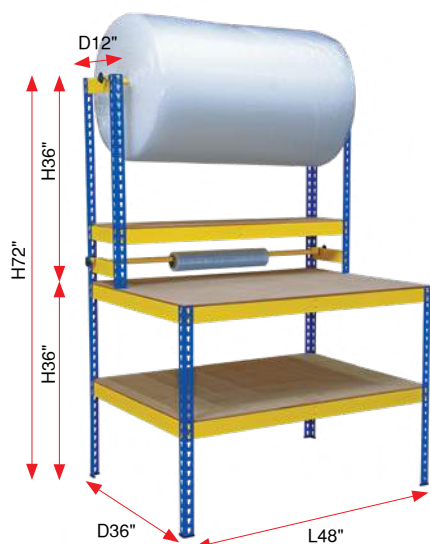
Code		BRPT (1236) 3648-C		
Height	in	12	36	48
	cm	31	91	122
Depth	in	12	36	-
	cm	31	91	-
Length	in	48		
	cm	122		
Decking Material		8mm HDF board		
Included		Round pipe & APSS		

Boltless Rack Packing Table



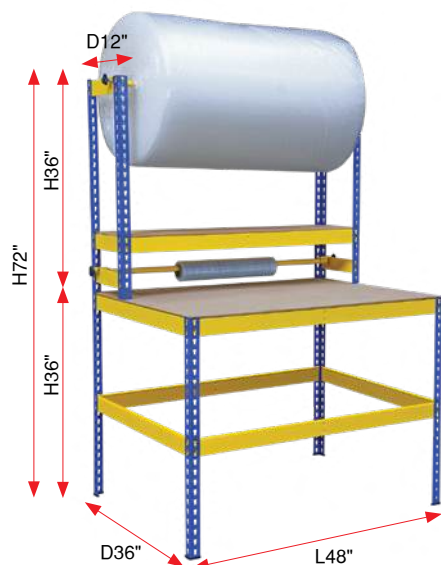
TYPE D

Code		BRPT (3636) 3648-D	
Height	in	36	72
	cm	91	183
Depth	in	12	36
	cm	31	91
Length	in	48	
	cm	122	
Decking Material		8mm HDF board	
Included		Round pipe & APSS	



TYPE E

Code		BRPT (3636) 3648-E	
Height	in	36	72
	cm	91	183
Depth	in	12	36
	cm	31	91
Length	in	48	
	cm	122	
Decking Material		8mm HDF board	
Included		Round pipe & APSS	



TYPE F

Code		BRPT (3636) 3648-F	
Height	in	36	72
	cm	91	183
Depth	in	12	36
	cm	31	91
Length	in	48	
	cm	122	
Decking Material		8mm HDF board. Bottom level excluded	
Included		Round pipe & APSS	



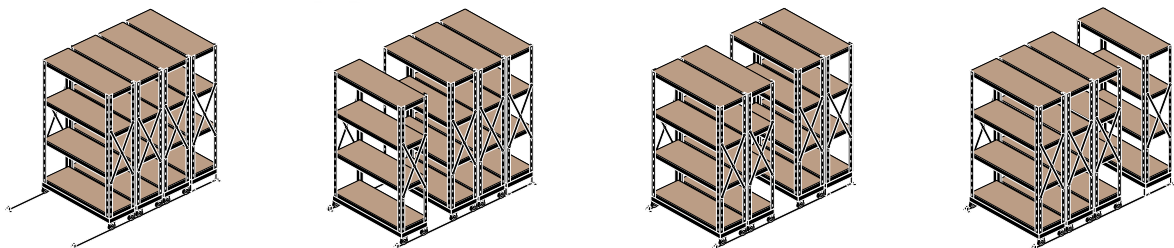
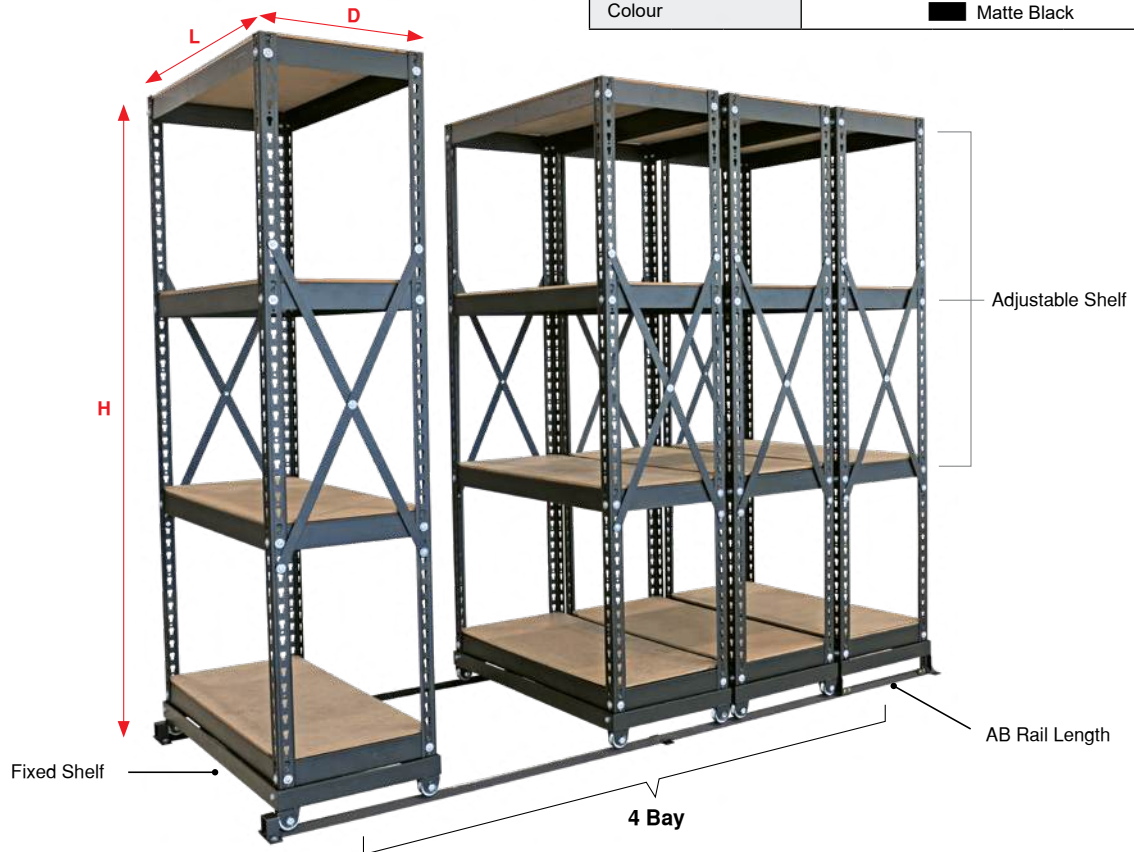
Mobile Boltless Rack

- This systems maximize existing storage space.
- Eliminating aisles and compact several boltless rack into a much smaller amount of space.
- The systems provide highest possible density for storing files and other documentary.
- Every single bay come with 3 pieces adjustable shelve.

Dimension:

Height x Depth x Bay x Length x Shelf Levels x Decking Material

Heigh		In.	72	84	96
		cm	183	213	244
Depth		In.	16	18	24
		cm	41	46	61
AB Rail Total Length (in.)					
Bay	4	In.	98	106	131
		cm	249	269	333
	5	In.	116	126	156
		cm	295	320	396
	6	In.	133	146	182
		cm	338	371	462
Length		In.	36		
		cm	91		
Shelf Level			3 (adjustable) + 1 (fixed)		
Decking Material			High Density Fiber Board		
Loading Capacity (kg)			Max. 300 kg/bay		
Colour			<div></div> Matte Black		





Rakku Boltless Rack

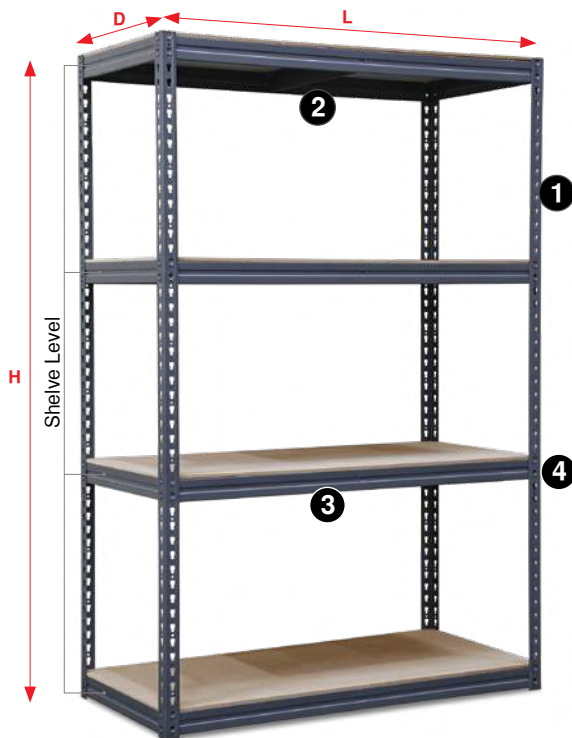
Rakku Boltless Rack our new design of rack are further development from our existing Boltless Rack concept, come with various choice of sizes. TTF **Rakku Boltless Rack** is designed for shop and retail usage. They have decking materials made of HDF board. It come with (mm) measurement.

TTF **Rakku Boltless Rack** is semi-customizable due to various size available, you can find a configuration that fits the specific layout of your shop. Whether it's small TTF **Rakku Boltless Rack** unit or large, TTF **Rakku Boltless Rack** will definitely help with increased vertical space usage, you can eventually achieve S.T.E.M philosophy.

Dimension:

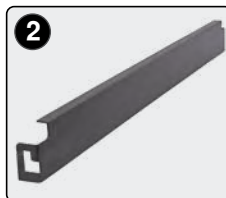
Height x Depth x Length x Shelf Levels x Decking Material

Height (mm)	1522	1828	2130	2435	2737	3040
Depth (mm)	300	400	450	600	-	-
Length (mm)	900	1200	1500	1800	2400	-
Shelve Level	2	3	4	5	6	-
Decking Material	High Density Fiber Board					
Loading Capacity	100 kg - 400 kg UDL / level					
Colour	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #555; margin-right: 5px;"></div> Dark Grey <div style="width: 15px; height: 15px; background-color: #f0f0f0; margin-left: 10px; margin-right: 5px;"></div> Beige </div>					



Angle Post (RAP)

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



Center Support (RLS)

To support center of decking material and against longitudinal deflection.



Beam (RHB)

With total of 6 "Bending Rib" design to provide ultimate strength and stability. Premium gray colour matte paint provide scratch resistant.



Double Eagle Claw Hook

Double Eagle Claw Hook with enhance of strength and further improvement from existing Boltless Rack "Eagle Hook".



AP Slim Stopper (APSS)

Protect floor from damaged.



Boltless Rack C/W Top Flooring



TTF innovative **Boltless Rack** system is applied in our c/w top flooring racking system. Lightning quick installation means increased storage capacity and maximizing space. This system creates another level of storage and saves additional warehouse costs. Highly stable, the **Boltless Rack c/w Top Flooring** is the ultimate solution to more room and more savings. **TTF Boltless Rack** systems are highly-adaptive to a multitude of applications. From mezzanine floors to aquarium display racks for exhibitions, our **Boltless Rack c/w Top Flooring** system is the ultimate chameleon to suit customer needs.

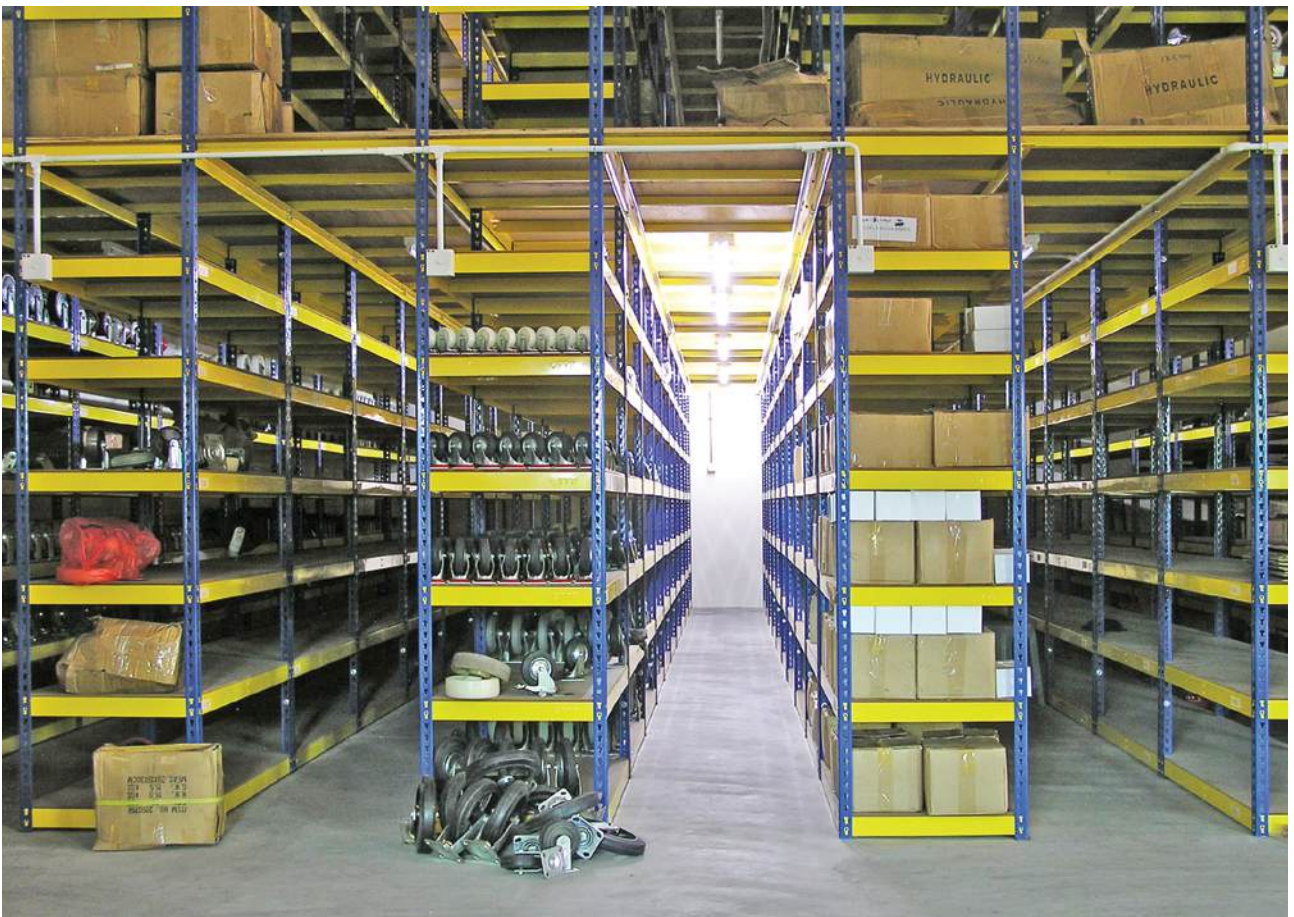




Multi-tier Storage Racking System



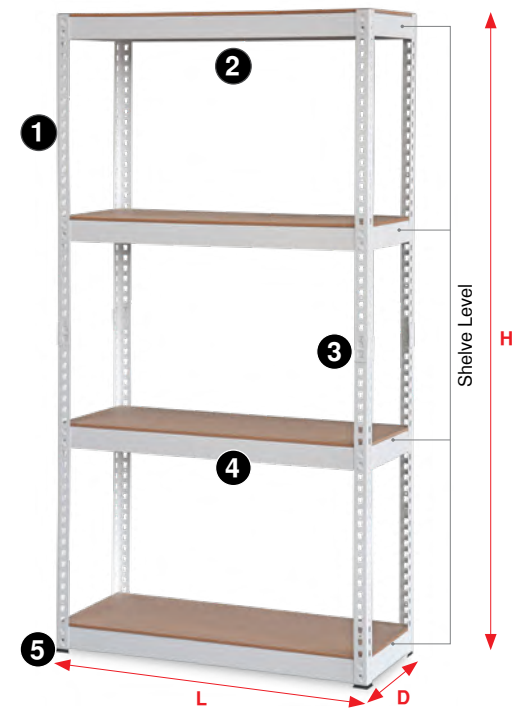
TTF innovative **Multi-tier Storage Racking System** is a 2-in-1 solution in today's world where space is a premium. Perfect for commercial or industrial locations, the design optimizes vertical space and offers instant access to stock handling. The system is a rack supported structure with versatile multi-tier application.



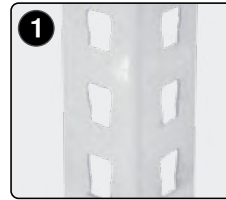


D.I.Y. Colour Rack

The **TTF D.I.Y. Colour Rack** design is available in fiber board shelves. It is quick and easy installation with a TTF Boltless Rack concept system makes it easy for home and office usage. The **TTF D.I.Y. Colour Rack** is supplied in one (1) carton box for convenient and transportation.

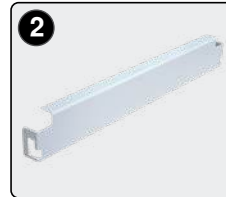


2 in 1



Angle Post

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



Center Support

To support center of decking material and against longitudinal deflection.



DP Joint

Joint the Angle Post to become individual rack.



Beam

To provide ultimate strength and stability.



Bottom Stopper

Protect floor from damaged.



All come in one (1) carton box

Dimension: Height x Depth x Length x Shelf Levels x Decking Material

Model	Dimension (mm) Height x Depth x Length	Shelf Level	Decking Material	Loading Capacity (UDL / level)	Colour
FB51236LG	1710 x 300 x 900	4	High Density Fiber Board	80 kg	Light Grey
FB51436	1710 x 350 x 900				White Black Light Grey
FB51448	1710 x 350 x 1200				Light Grey Black
FB51430-ES (Standard Rack)	1530 x 350 x 750				Beam Angle Post
FB571224BK-ES	1450 x 300 x 600			100 kg	Black

Remarks : FB51236LG and FB51448LG limited to light grey colour only.





InStyle rack

With a loading capacity of 80kg uniformly distributive load (UDL), TTF **InStyle Rack** was designed as a light duty shelving system. Each shelf is finish with anti-rust epoxy powder coating.

Dimension:

Height x Depth x Length x Shelf Levels x Decking Material

Model	ISR 661232
Height (mm)	1680
Depth (mm)	300
Length (mm)	800
Shelf Level	4
Decking Material	Metal Shelf Plate
Loading Capacity	80 kg UDL / Level
Colour	<input checked="" type="checkbox"/> Black <input type="checkbox"/> White



Angle Post Upper Stopper

Sharp edges and pointed corners are protected.



Angle Post

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



Joint Bracket

Joint part of angle post to become individual rack.



Metal Shelf

Metal type decking, alternative for place with high humidity.



Beam

To provide ultimate strength and stability.



Safety Pin and Bottom Stopper

Safety Pin: Used for attaching beam to provide extra security for locking beam purpose.

Bottom Stopper: Protect floor from damaged.



Convenient!



Black



White



Dark Grey



All come in one (1) carton box.



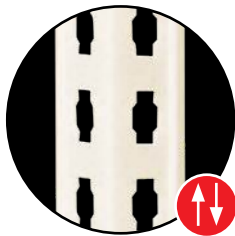
Easy Rack

With a loading capacity of 150kg uniformly distributive load (UDL), TTF **Easy Rack** was designed as a light duty shelving system.

Dimension:

Height x Depth x Length x Shelf Levels x Decking Material

Height (mm)	1500	1800	2100	-
Depth (mm)	300	450	600	-
Length (mm)	800	900	1200	-
Shelve Level	3	4	5	6
Decking Material	High Density Fiber Board			
Loading Capacity (kg)	Max load. 150 kg UDL / level			
Colour	Beige			

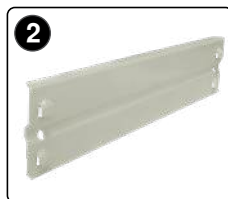


**Can be install
UPSIDE DOWN**
Design exclusive in
TTF Rack only.



Angle Post

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



Beam

To provide ultimate strength and stability.



Center Support

To support center of decking material and against longitudinal deflection.



Bottom Stopper

Protect floor from damaged.

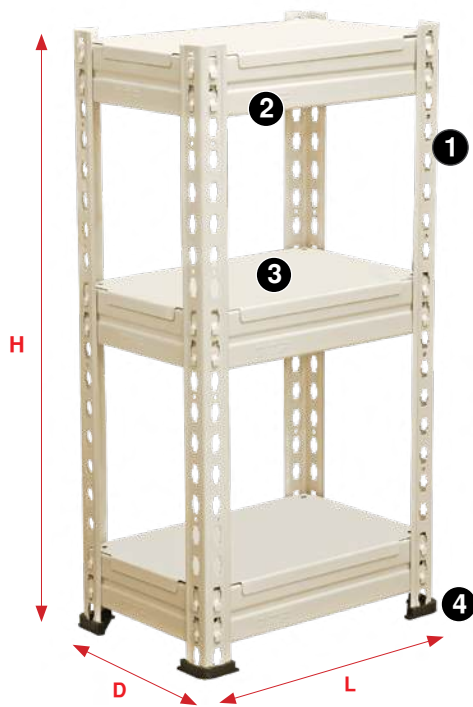
Mini Rack

Mini Rack is designed in beige colour with a 60kg uniformly distributive load (UDL) of loading weight capacity.

Dimension:

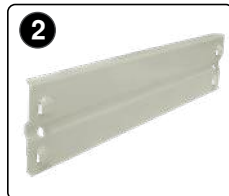
Height x Depth x Length x Shelf Levels x Decking Material

Height (mm)	600	750
Depth (mm)	200	
Length (mm)	300	600
Shelf Level	3	
Decking Material	Metal Shelf Plate	
Loading Capacity (kg)	Max load. 60 kg UDL / level	
Colour	Beige, Black	



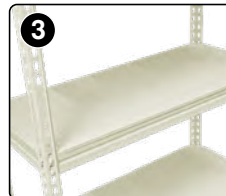
Angle Post

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



Beam

To provide ultimate strength and stability.



Metal Shelf

Metal type decking, alternative for place with high humidity.



Bottom Stopper

Protect floor from damaged.

Vital Rack

With a loading capacity of 200kg uniformly distributive load (UDL), **TTF Vital Rack** was designed as a light duty shelving system. Each shelf is finish with anti-rust epoxy powder coating.

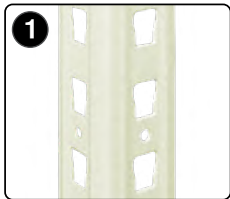
Dimension:

Height x Depth x Length x Shelf Levels x Decking Material

Height (mm)	1500	1800	2100	2400	-
Depth (mm)	300	450	600	-	-
Length (mm)	900	1200	-	-	-
Shelf Level	4	5	6	(Customize available)	
Decking Material	High Density Fiber Board				
Loading Capacity (kg)	200 kg UDL / level				
Colour	<div></div> Beige				

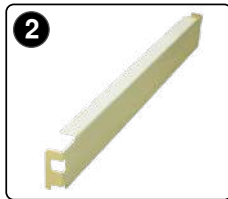


Trolley Vital Rack



Angle Post (VP)

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



Center Support (SLS)

To support center of decking material and against longitudinal deflection.



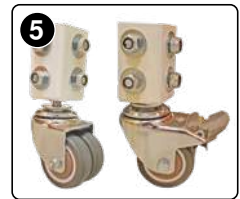
Beam (SHB)

To provide ultimate strength and stability.



AP Slim Stopper (APSS)

Protect floor from damaged.



VP Castor Wheel (VPCW)



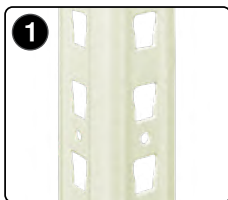
Vital Metal Rack

With a loading capacity of 200kg uniformly distributive load (UDL), **TTF Vital Metal Rack** was designed as a light duty shelving system. Each shelf is finish with anti-rust epoxy powder coating.

Dimension:

Height x Depth x Length x Shelf Levels x Decking Material

Height (mm)	1500	1800	2100	2400	-
Depth (mm)	450	600	-	-	-
Length (mm)	900	1200	-	-	-
Shelf Level	4	5	6	(Customize available)	
Decking Material	Metal Shelving Plate				
Loading Capacity (kg)	200 kg UDL / level				
Colour	<div></div> Beige				



Angle Post (VP)

Reinforced with "Curvy Rib" to increase loading capacity and rigidity.



Center Support (SLS)

To support center of decking material and against longitudinal deflection.



Beam (SHB)

To provide ultimate strength and stability.



Metal Shelf Plate

Metal type decking, alternative for place with high humidity.



AP Slim Stopper (APSS)

Protect floor from damaged.



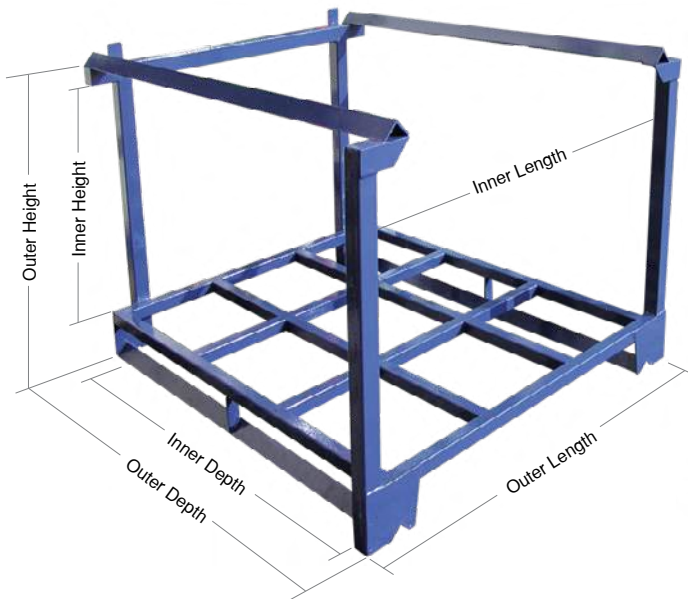
PALLET MESH & PALLET CAGES

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IDEAL FOR SPACE



Pallet Cages



Pallet Cages
Loading capacity: 1000kg / 1500kg

Detachable Pallet Cages
Loading capacity: 1000kg



TTF Pallet Cages is specially designed to withstand the load of medium weight loading items.

Product Code		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC9	PC 10	PC 11	PC 12
Inner Dimension (mm)	Height	1400	1800	1400	1800	1400	1800	1000	1200	1000	1200	1000	1200
	Depth	1050	1050	1200	1200	1300	1300	1150	1150	1150	1150	1150	1150
	Length	1250	1250	1200	1200	1300	1300	1250	1250	1350	1350	1450	1450
Outer Dimension (mm)	Height	1640	2040	1640	2040	1640	2040	1240	1440	1240	1440	1240	1440
	Depth	1100	1100	1250	1250	1350	1350	1200	1200	1200	1200	1200	1200
	Length	1350	1350	1300	1300	1400	1400	1350	1350	1450	1450	1550	1550
Post		1.9mm thickness x 50 x 50mm SHS											
Base		1.6mm thickness x 38 x 38mm SHS / 1.6mm thickness x 50 x 50mm SHS											
Guide Rail		4mm thickness x 50 x 50mm Angle Bar											
Front Plate		3mm thickness MSP											
Finishing		Glossy Paint											
Loading Capacity (kg)		1000 / 1500											
Colour & Decking Material		Available Customise											
Stackable		Max. 3											

Special size available on request.



1000kgs-1500kgs / unit



Special made design for stack 4 pallet cages.



Pallet Mesh

Iron Man Pallet Mesh is handy, convenient, cost efficient in the sense that they are portable, durable, collapsible, stackable, prevent costly product being easily damaged associated with bulk stacking and provide product identification with increase stock control efficiency. In addition, it also provide us better space utilization and promote better material flow cum handling.



Product Features



Rectangle ear lock



3mm thickness metal clamp



Emboss logo on leg



Reinforce steel wired in u-channel beam enhance stability.



Edge folded metal plate

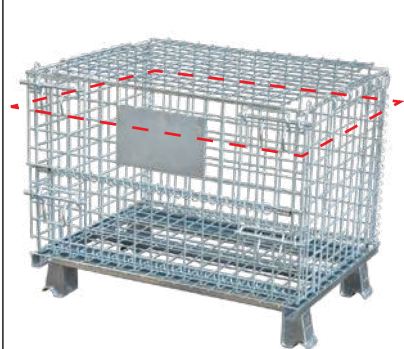


Nestable

Product code	Dimension: H x W x L (mm)	Loading Capacity (kg)	No. of layer	Pitch (mm)	Wire Diameter (mm)	Leg Height (mm)	Volume M ³
PM 3	640 x 600 x 800	800	4	50	6.0 ±	100	0.23
PM 5	840 x 800 x 1000	1200					0.53
PM 7	890 x 1000 x 1200	1500					0.86
PM 9	990 x 1200 x 1400	1000					1.38



Accessories



Pallet Mesh Top Cover

PMTC 3 610(W) x 805(L) mm

PMTC 5 760(W) x 900(L) mm

PMTC 7 1100(W) x 960(L) mm

PMTC 9 1150(W) x 1300(L) mm



Fitting of heavy duty castor wheel



Stackable

RACKING ACCESSORIES

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IDEAL FOR SPACE



Plastic Pallet

**F1210
(Double Deck)**



Top

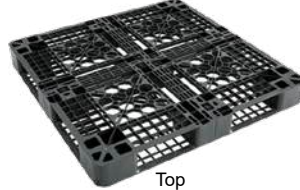


Bottom

**M1111
(Double Deck)**



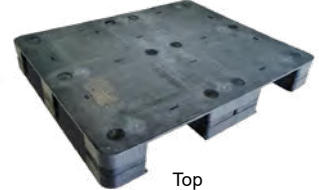
**L1111
(Double Deck)**



Top

Bottom

MF1210



Top



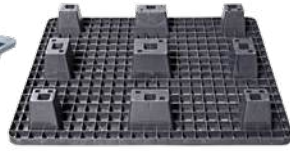
Bottom

Product code	Dimension: W x L x H (mm)	Function	Weight (kg)	Static load (kg)	Dynamic load (kg)	Racking load (kg)
F1210 (Double Deck)	1200 x 1000 x 150	Non-reversible	22 ±	4000kg unified load	1000kg unified load	1000kg unified load
M1111 (Double Deck)	1100 x 1100 x 150	Non-reversible	16 ±	4000kg unified load	1000kg unified load	500kg unified load
L1111 (Double Deck)	1100 x 1100 x 120	Non-reversible	9 ±	2000kg unified load	1000kg unified load	NA
MF1210	1000 x 1200 x 150	Non-reversible	19 ±	4000kg unified load	1000kg unified load	1000kg unified load

**S1111
S1210**



Top



Bottom

**SH1111
SH1210**



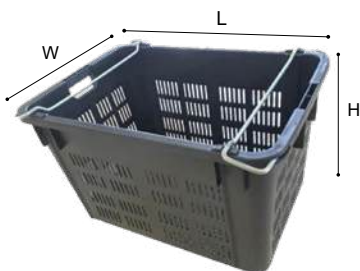
Top



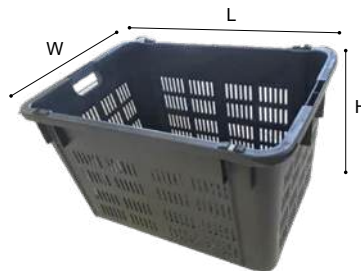
Bottom

Product code	Dimension: W x L x H (mm)	Function	Weight (kg)	Static load (kg)	Dynamic load (kg)	Racking load (kg)
S1111	1100 x 1100 x 140	Non-reversible	7.6±	2000kg unified load	1000kg unified load	-
S1210	1200 x 1000 x 140		7.5±			-
SH1111	1100 x 1100 x 150		9±			300kg unified load
SH1210	1200 x 1000 x 150		8.9±			

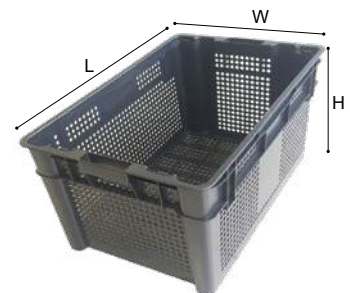
Plastic Basket



Product code	E1840 HLE
Dimension (mm)	410H x 470W x 690L
Capacity (kg)	30



Product code	E1740
Dimension (mm)	340H x 450W x 690L
Capacity (kg)	30



Product code	E1640
Dimension (mm)	320 x 420 x 690
Capacity (kg)	30

* Materials & specifications are subject to change without prior notice.

Multi Tool Box



TTF Multi Tool Box are the ideal way to store small fiddly components in a neat orderly manner, the **Multi Tool Box** can be fitted by attachment plastic pin to stocked on top of one another, available in 6 sizes for different application.



Code	MTB 1188
Size (mm)	60H x 92W x 130L
Colours	Yellow, Black



Code	MTBK 1200
Size (mm)	85H x 123W x 180L
Colours	Yellow, Black, Red, Blue



Code	MTB 1288
Size (mm)	82H x 120W x 180L
Colours	Yellow, Black



Code	MTBK 1500
Size (mm)	125H x 158W x 260L
Colours	Yellow, Black



Code	MTB 1588
Size (mm)	120H x 150W x 250L
Colours	Yellow, Black, Red, Blue, Green



Code	MTB 1600
Size (mm)	135H x 200W x 300L
Colours	Yellow, Black, Red, Blue, Green



Code	MTB 1688
Size (mm)	140H x 245W x 355L
Colours	Yellow, Black, Red, Blue, Green



Code	MTB 1988
Size (mm)	175H x 295W x 480L
Colours	Yellow, Black, Red, Blue, Green

Material made: Polypropylene Homopolymer (SM6331) & Impact Copolymer (EPC40R)



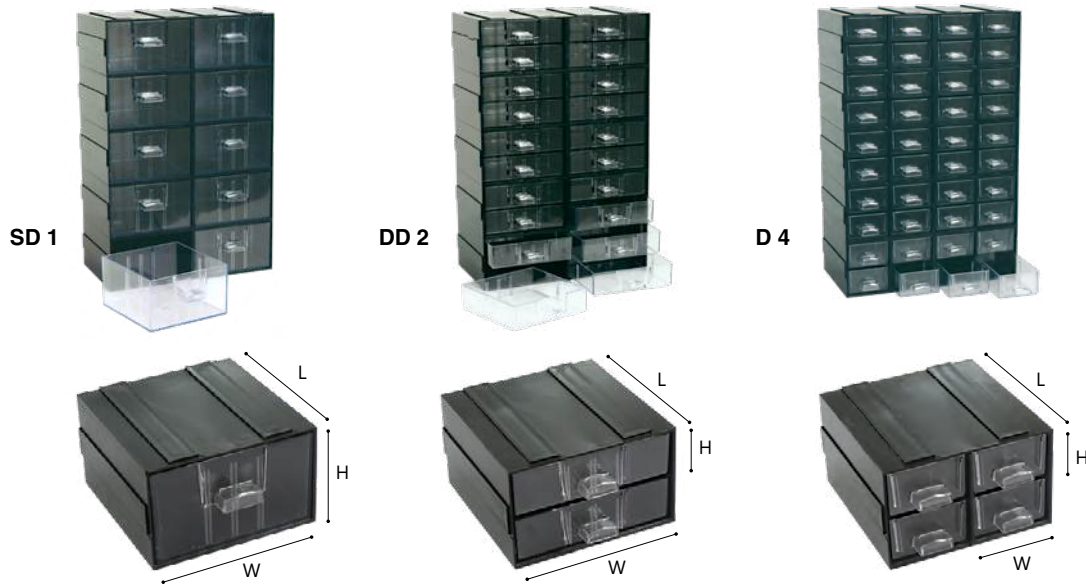
Trolley Boltless Rack + Multi Tool Box

Material made: Polypropylene Comopolymer

Multi Box

TTF Multi Box is perfect for loose items like screws, pins and etc. Its is available in 4 sizes for easy organization of small parts.

Product code	Drawer Size: H x W x L (mm)	Overall Box Size: H x W x L (mm)	Colour	Material
SD 1	80 x 139 x 144	89 x 145 x 150	Black	ABS & PS
DD 2	39 x 138 x 138			
D 4	39 x 68 x 138			



Storage Carton Box

It is understandable that particularly in a company, amount of files could be massive and if without proper arrangement and storage, it will be kind a troublesome when there's a need to find back certain files. Hence, **TTF Storage Carton Box** with 2 sizes best cater and resolve such problem as the files are stored neatly in different boxes based on types of documents. In other words, it helps in 'segregating' and 'categorizing' files for easier storing and taking of files needed. With this, the working productivity could possibly achieved with minimal time wastage.



Product code	Size: H x W x L (mm)	Loading Capacity (kg)	Arch File Size (mm)	Arch File Quantity	
SCB 2932	310 x 330 x 410	905	70 x 280 x 290	5pcs	6pcs
SCB 3333	310 x 360 x 465	1210	70 x 280 x 350	4pcs	6pcs

RETAIL DISPLAY & EQUIPMENT

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IDEAL FOR SPACE



Gondola Shelving System

TTF has embarked on producing extremely functional gondolas for display of fast-moving consumer goods (FMCG). Made of durable metal plates, can function with the addition of **TTF** designed gondola basket to suit the needs of supermarket facilities.



Island Gondola



Wall Gondola

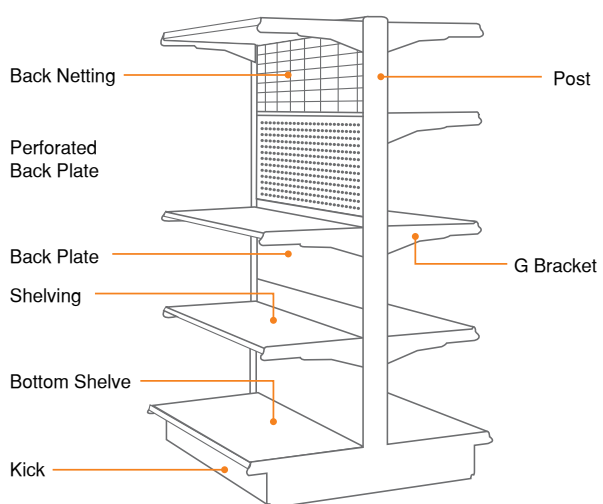
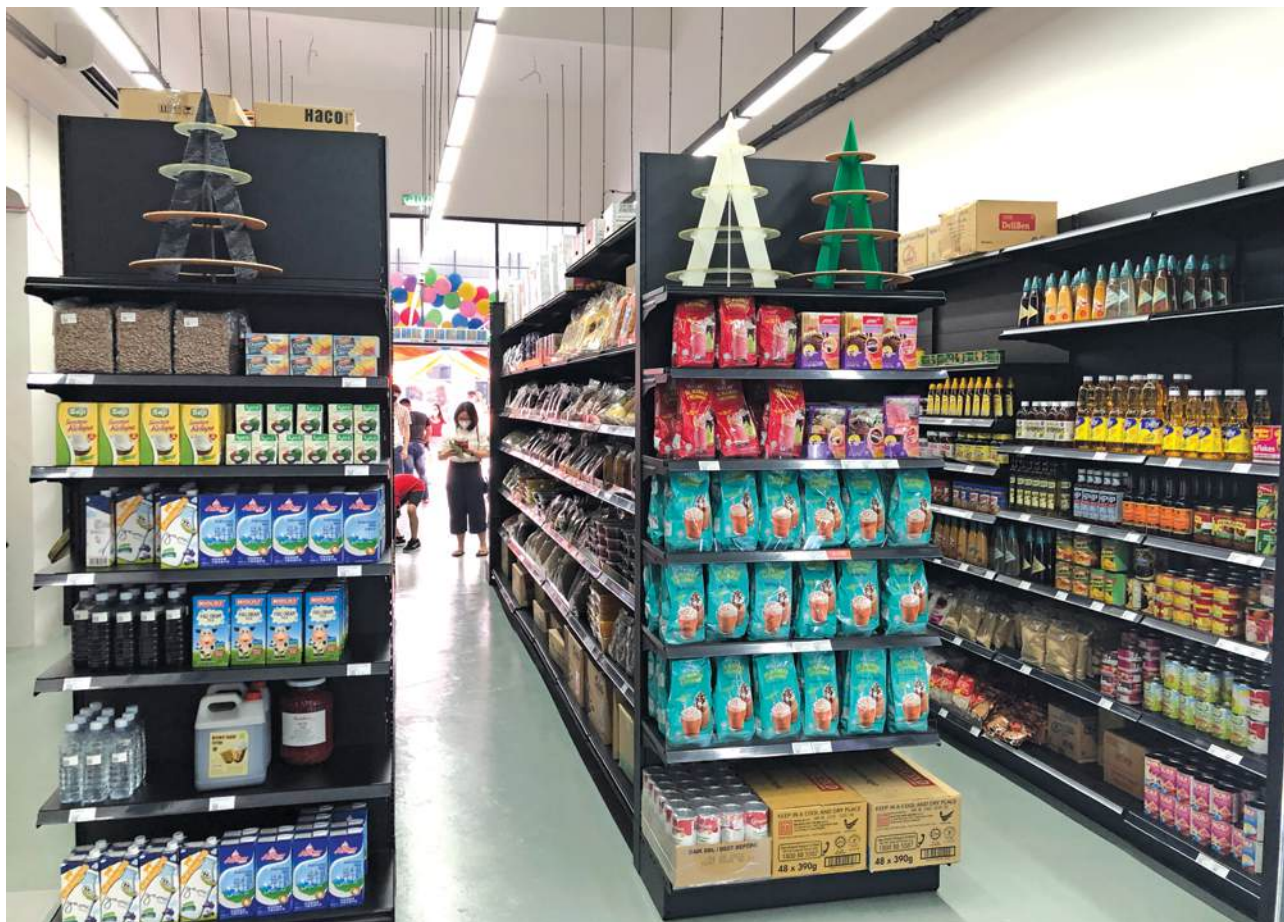


End Gondola



End Gondola (white colour)

Height		Depth	Length		Back Cover	Decking Material	Loading Capacity	Colour						
mm	ft	mm	mm				kg							
1192	4	342 (Shelving)	Dimension of shelve exclude upright	905 / 1210	Metal Plate / Metal Perforated / Netting	Metal Shelving Plate	60kg UDL / Shelf	<div><div></div> Black</div> <div><div></div> White</div>						
1492	5													
1792	6													
2092	7	400 (Botom Shelve)												
2390	8													



Mini Gondola Shelving System

TTF has embarked on producing extremely functional gondolas for display of fast-moving consumer goods (FMCG). Made of durable metal plates, can function with the addition of **TTF** designed gondola basket to suit the needs of supermarket facilities.



Mini Wall Gondola

Mini Island Gondola

Mini End Gondola

Height		Depth	Length		Back Cover	Decking Material	Loading Capacity	Colour
mm	ft	mm	mm				kg	
1192	4	245 (Shelving)	Dimension of shelve exclude upright	605 / 905 / 1210	Metal Plate / Metal Perforated / Netting	Metal Shelving Plate	60kg UDL / Shelf	<div><div></div> Black</div> <div><div></div> White</div>
1492	5							
1792	6							
2092	7	245 (Botom Shelve)						
2390	8							



Fixtures & Accessories



Light Box Header 900

LBH900WH • 145H x 350D x 900L (mm) • White

Light Box Header 1200

LBH1200WH • 145H x 350D x 1200L (mm) • White

Single Book Shelf 900

BS900x1WH • 225H x 130D x 900L (mm) • White

Single Book Shelf 1200

BS1200x1WH • 225H x 130D x 1200L (mm) • White

Double Book Shelf 900

BS900x2WH • 320H x 205D x 900L (mm) • White

Double Book Shelf 1200

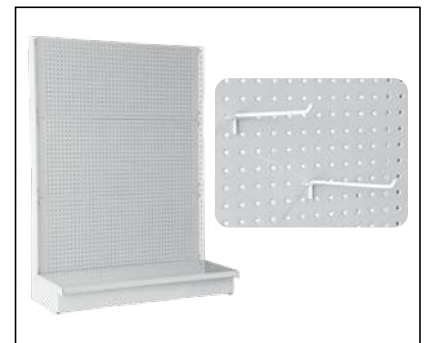
BS1200x2WH • 320H x 205D x 1200L mm • White

Triple Book Shelf 900

BS900x3WH • 410H x 275D x 900L (mm) • White

Triple Book Shelf 1200

BS1200x3WH • 410H x 275D x 1200L (mm) • White



Perforated Back Plate

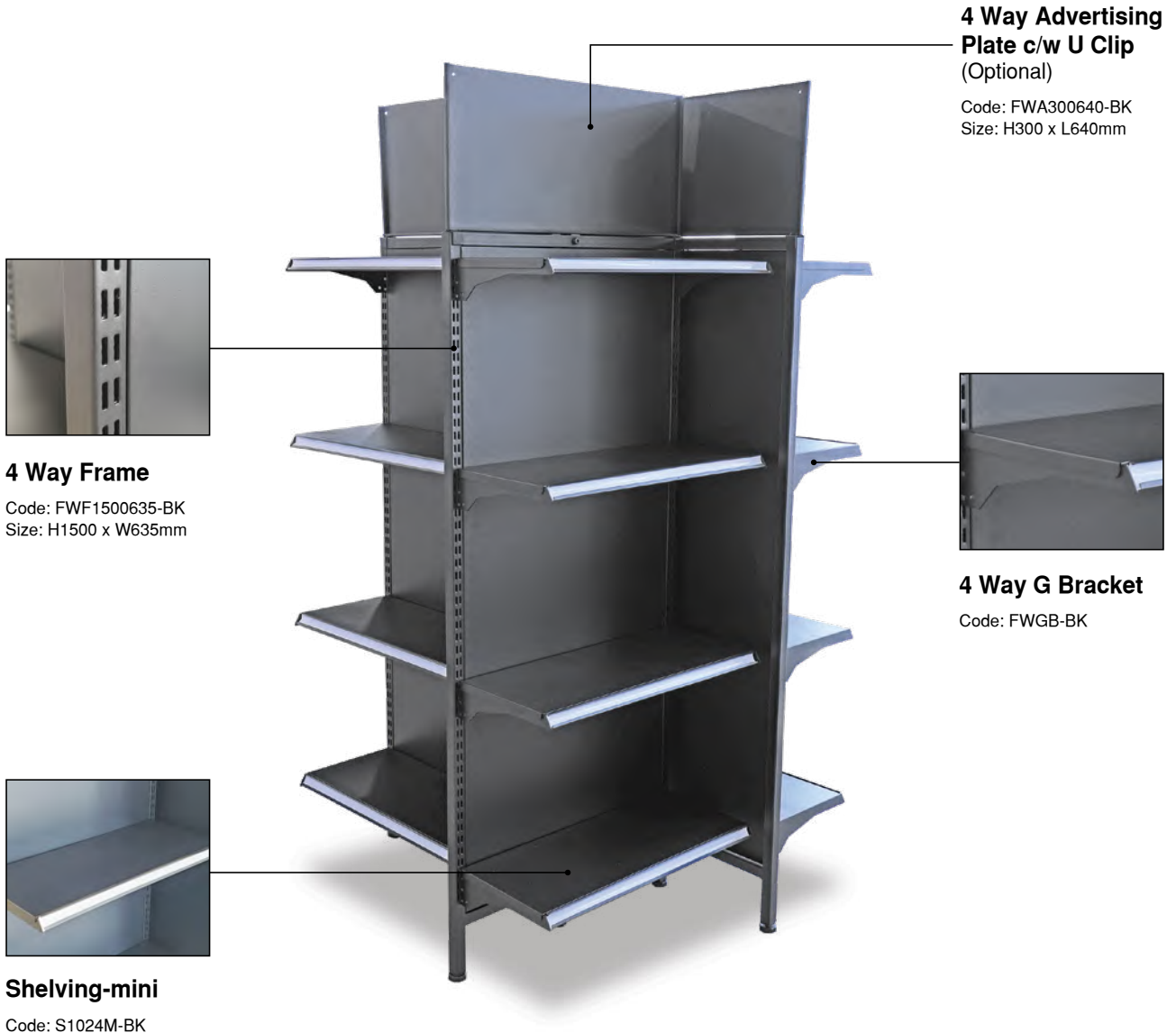


Gondola Side Mesh with Bracket

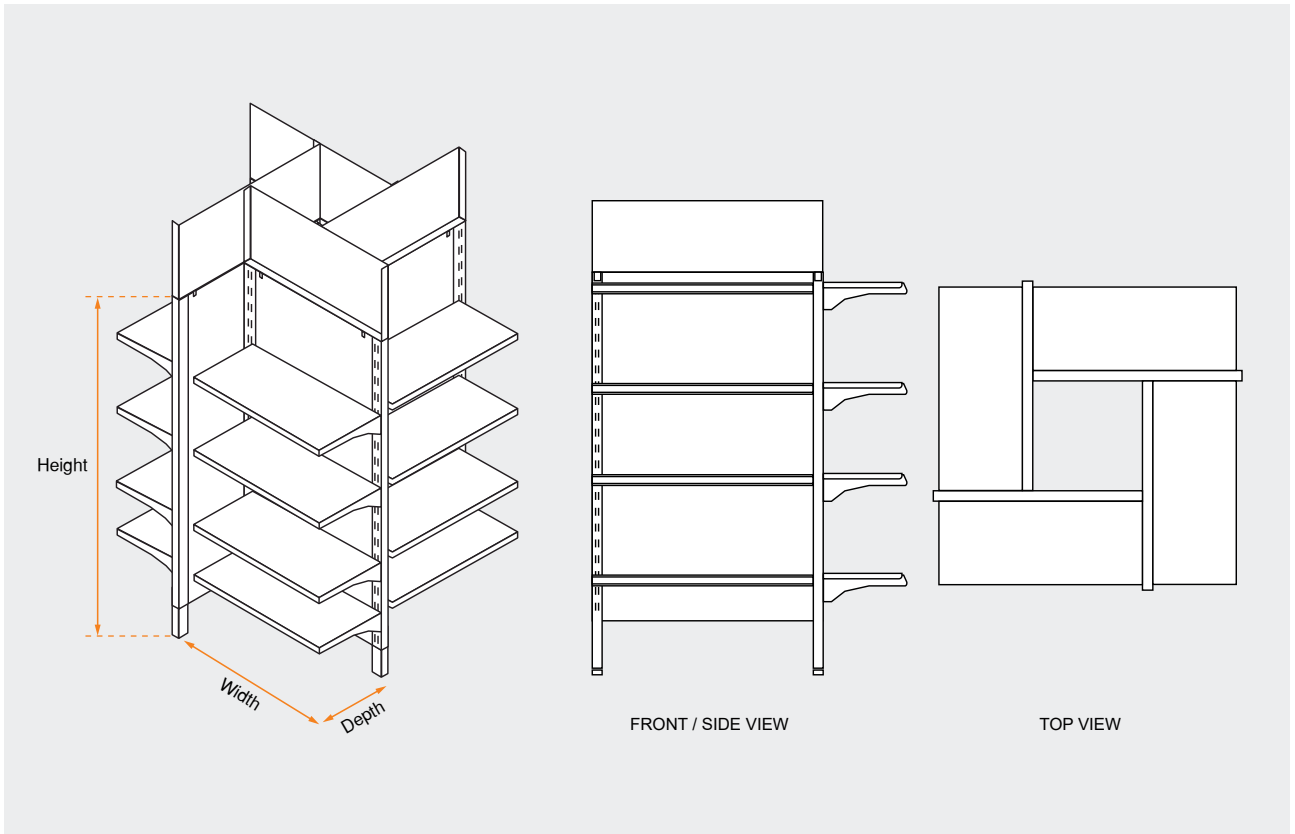
GSM • 1100H x 130D x 460L (mm) • White

4 Way Gondola Shelving System

TTF 4 Way Gondola attractively showcase a lot of product without monopolizing your valuable sales floor space. These 4 Way Gondola's efficiently showcase similar or different products in proximity to one another, while the 360 degree design engages your customers.



Height	Width	Depth	Back Cover	Decking Material	Loading Capacity	Colour
mm	mm	mm			kg	
1500	600	245 (dimension of shelf exclude upright)	Metal Plate	Metal Shelving Plate	60kg UDL / Shelf	Black, White



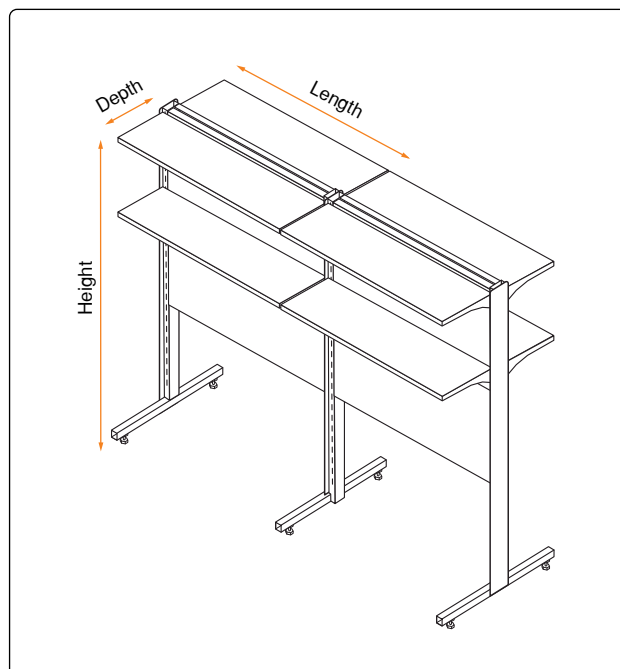
Chiller Gondola Shelving



Chiller Wall Gondola Shelving



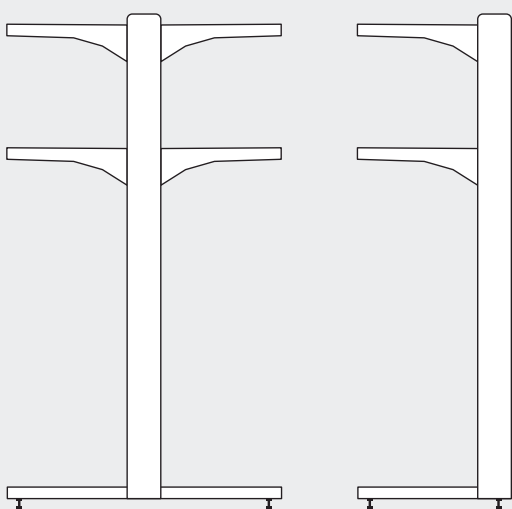
Chiller Island Gondola Shelving



Height		Depth	Length		Back Cover	Decking Material	Loading Capacity	Colour
mm	ft	mm	mm				kg	
1192	4	342 (Shelving)	Dimension of shelve exclude upright	905	Back Plate / Metal Perforated / Back Netting	Metal Shelving Plate	60kg UDL / Shelf	<div><div></div>Black</div> <div><div></div>White</div>
1492	5			1210				
1792	6			-				
2092	7			-				
2390	8			-				



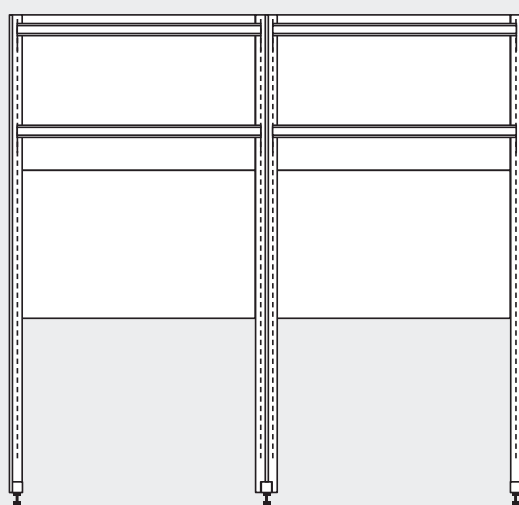
SIDE VIEW



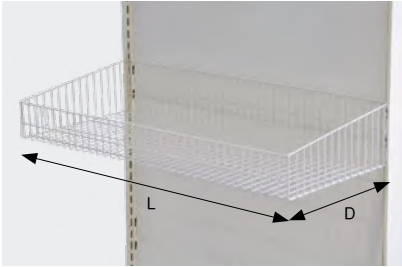
Chiller Island Gondola Shelving

Chiller Wall Gondola Shelving

FRONT VIEW

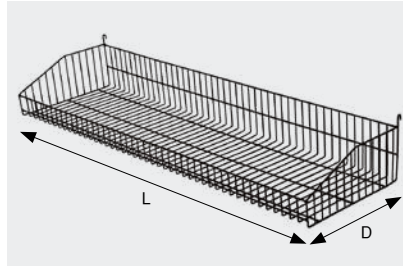


Gondola Shelving Fixtures & Accessories



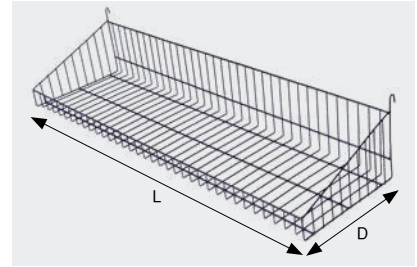
Gondola Basket

GB3 • 345D x 911L (mm) • White • Black
GB4 • 345D x 1211L (mm) • White • Black



Gondola Basket

GB3A • 345D x 911L (mm) • Black • White
GB4A • 345D x 1211L (mm) • Black • White



Mini Gondola Basket

MGB3 • 260D x 900L (mm) • Black • White
MGB4 • 260D x 1200L (mm) • Black • White



Chrome Bar Bracket

CHLB • Chrome Left Bar Bracket
CHRB • Chrome Right Bar Bracket



Chrome Bar

CHB 600 • 25H x 12.5W x 600L (mm)
CHB 900 • 25H x 12.5W x 900L (mm)
CHB 1200 • 25H x 12.5W x 1200L (mm)



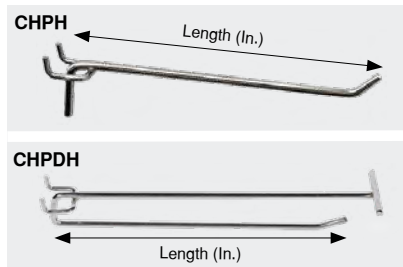
Chrome Bar Bracket - AA

CHLB-AA • Chrome Left Bracket (L)
CHRB-AA • Chrome Right Bracket (R)



Chrome Bar Bracket with Screw

CHLB-AAS
 • Chrome Left Bar Bracket with Screw (L)
CHRB-AAS
 • Chrome Left Bar Bracket with Screw (R)

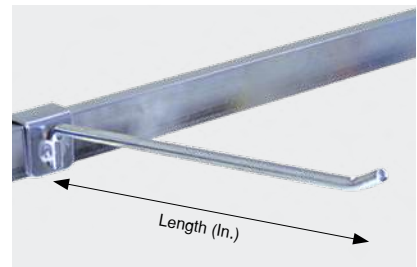


Chrome Pry Hook

CHPH • Length (In.) 4", 6", 8", 10", 12"

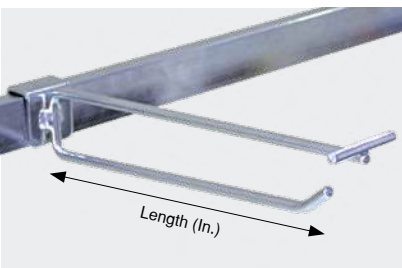
Chrome Pry Double Hook

CHPDH • Length (In.) 6", 8", 10", 12"



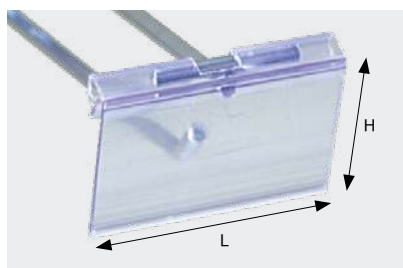
Chrome Single Bar Hook

CHSH • Length (In.) 6", 8", 10", 12"



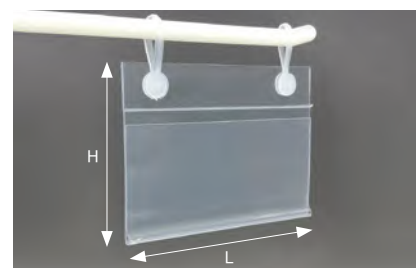
Chrome Double Bar Hook

CHDH • Length (In.) 6", 8", 10", 12", 14"



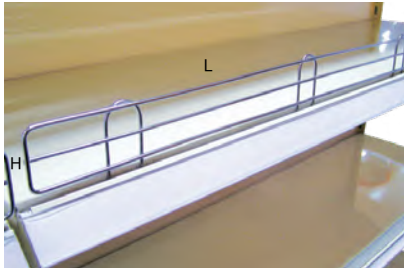
PVC Ticket Holder

TH60 • 39H x 60L (mm)



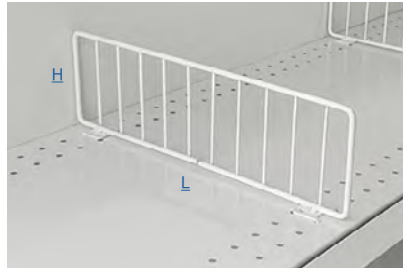
PVC Price Tag Label Holder

TH80H • 60H x 80L (mm)
TH100H • 60H x 100L (mm)



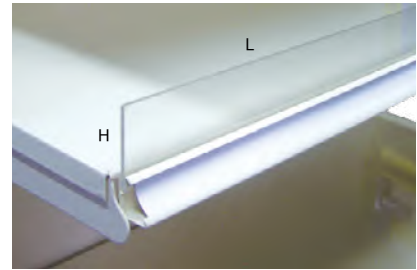
Wire Divider

WD3 • 50H x 890L (mm)
WD4 • 50H x 1190L (mm)



Wire Divider

WD100340 • 100H x 340L (mm)



Plastic Divider

PD2 • 50H x 598L (mm)
PD3 • 50H x 895L (mm)
PD4 • 50H x 1195L (mm)



Data Strip

DTS2 • 42H x 598L (mm) • Black • White
DTS3 • 42H x 895L (mm) • Black
DTS4 • 42H x 1195L (mm) • Black



Display Hook Lock

DHL5WH • Inner Diameter 5 (mm) • White
DHL5RD • Inner Diameter 5 (mm) • Red
DHL6WH • Inner Diameter 6 (mm) • White
DHL6RD • Inner Diameter 6 (mm) • Red



Display Hook Magnetic Key

DHMK



A5 Table Poster Sign Holder

A5S • Frame Size 210 x 148.5 (mm)
 • Adjustable Height 300 - 600 (mm) • White Frame



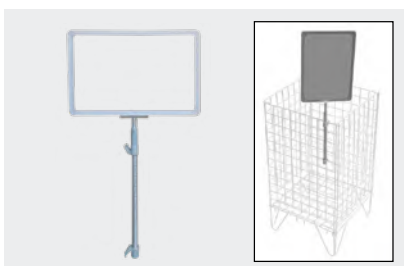
A4 Table Poster Sign Holder

A4S • Frame Size 210 x 297 (mm) • Adjustable
 Height 300 - 600 (mm) • White Frame



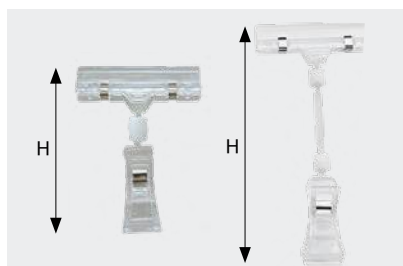
A3 Table Poster Sign Holder

A3S • Frame Size 297 x 420 (mm) • Adjustable
 Height 300 - 600 (mm) • White Frame



A4 Basket Sign

A4BS • Frame Size 210 x 297 (mm) • Pole
 Length Extendable from 300 - 500mm •
 Aluminium + Spring material • White Frame



Sign Card Display Clip Holder

CP01C • 110H (mm)
CP02C • 160H (mm)

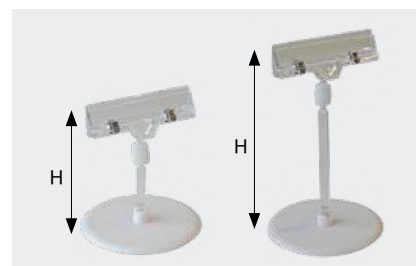


Table PVC Sign Card Display Clip Holder

CP03T • 100H (mm)
CP04T • 150H (mm)

Gondola Shelving Fixtures & Accessories



Table Metal Sign Card Display Clip Holder

CP05T • Adjustable Height 370 - 600 (mm)



Magnetic Price Tag Holder

CP06M • 45H x 70W (mm)



Magnetic Poster Display Clip L-Holder

CP07M • Adjustable Height 375 - 645 (mm)



Table Poster Display T-Holder

CP08T • Adjustable Height 470 - 740 (mm)



Magnetic Poster Display Clip T-Holder

CP09M • Adjustable Height 220 - 820 (mm)



Poster Display Clip T-Holder

CP10C • Adjustable Height 220 - 860 (mm)



Sign Card C/W Display Clip

CP11C • Height 150 (mm) • Yellow • Red • White • Black



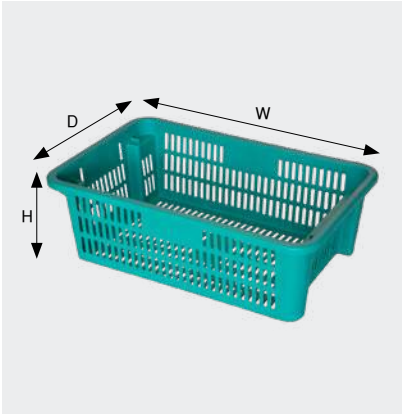
Sign Card Display Clip Holder

CP12C • Height 180 (mm) • Yellow • Red • White • Black



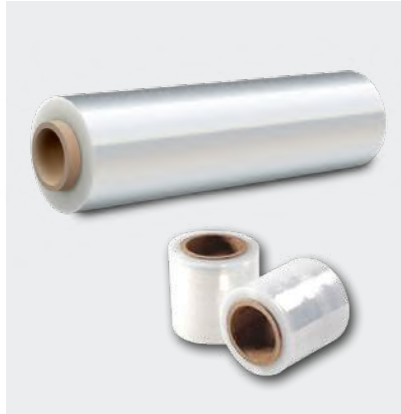
L-Type Floor Stand Poster Display

LS • Adjustable Height 1346 - 2489 (mm)



Vege Basket

B1523 • 200H x 590W x 380D (mm) • Green



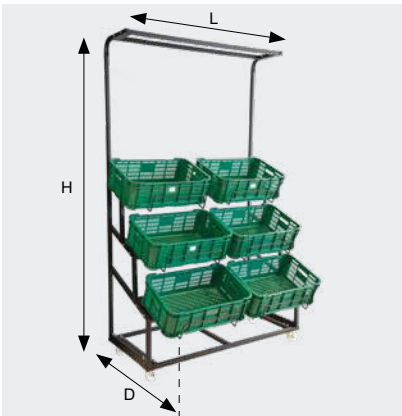
Stretch Film (Grade A)

SF (Regular) • 500H (mm) • 2.4kgs
MSF (Mini) • 100H (mm) • 330g



Wire Rod Data Holder

DTF3 WR • Length 870 (mm) • White
DTF4 WR • Length 1180 (mm) • White
DTF4 WR-B • Length 1180 (mm) • Transparent



Vege Rack with 6 Baskets

VGR6B • 2090H x 830D x 1220L (mm) •
Remarks: Included 6pcs green basket + 4 pcs swivel castor c/w 75 mm PP wheel



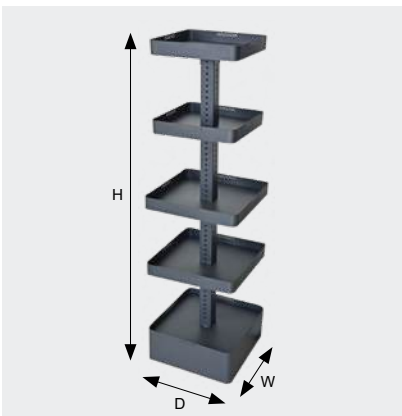
Vege Rack with 4 Baskets

VGR4B-BK • 1500H x 355W x 595L (mm) •
Remarks: Included 4pcs green basket



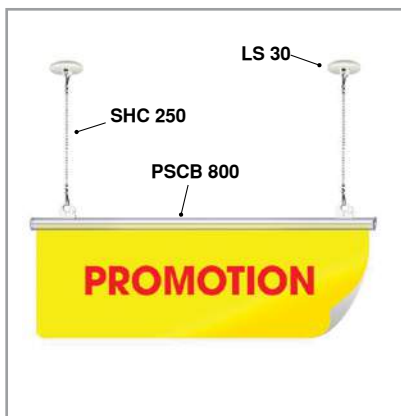
Vege Rack with 8 Baskets

VGR8B-BK • 1500H x 480W x 770L (mm) •
Remarks: Included 8pcs green basket



Square Tower Stand

STS • 1200H x 350D x 350W (mm) • 5 Layer
• Black



PVC snap clip bar 800mm with hanging chain

PSCB 800 • Length 800 (mm) • Translucence



Steel Hanging Chain 250mm

SHC 250 • Length 250 (mm)

Lift Stick 30mm

LS 30 • Diameter Ø30 (mm)

Minso Wall Wooden Display Rack with Back Plate



Pitching adjustable:
25mm

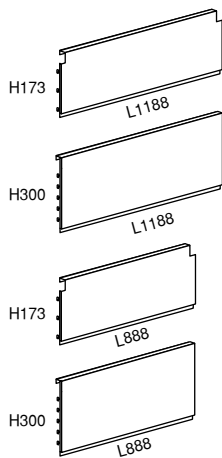
Minso Rectangle Frame

Code : WDR-RF1500355-BK
Size (mm) : H1500 x W355

Code : WDR-RF1800355-BK
Size (mm) : H1800 x W355

Code : WDR-RF2100355-BK
Size (mm) : H2100 x W355

Code : WDR-RF2400355BK
Size (mm) : H2400 x W355



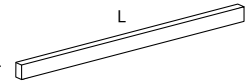
Minso Back Plate

Code : WDR-BP1731188-BK
Size (mm) : H173 x L1188

Code : WDR-BP3001188-BK
Size (mm) : H300 x L1188

Code : WDR-BP173888-BK
Size (mm) : H173 x L888

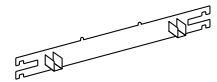
Code : WDR-BP300888-BK
Size (mm) : H300 x L888



Minso Square Bar

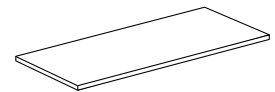
Code : WDR-SB880-BK
Size (mm) : L880

Code : WDR-SB1180-BK
Size (mm) : L1180



Minso Teeth Bracket

Code : WDR-TB-BK



16mm Melamine Board

Code : 16MB 295895
Size (mm) : 295 x 895

Code : 16MB 2951195
Size (mm) : 295 x 1195

Colour : TTF Light Brown

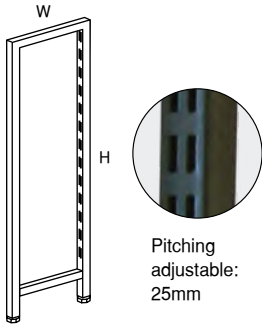


SWL32-M825

Code : Screw Leg
OD32 x M8 x 25
(20 line)

Height		Depth	Length	Decking Material	Loading Capacity	Colour
mm	ft				kg	
1500	5	355	880	16mm Melamine Board (TTF Light Brown)	60kg UDL / Shelf	<div style="display: inline-block; width: 15px; height: 10px; background-color: black;"></div> Black
1800	6					
2100	7		1180			
2400	8					

Minso Wall Metal Display Rack with Back Plate



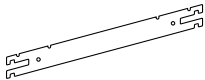
Minso Rectangle Frame

Code : WDR-RF1500355-BK
Size (mm) : H1500 x W355

Code : WDR-RF1800355-BK
Size (mm) : H1800 x W355

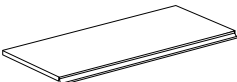
Code : WDR-RF2100355-BK
Size (mm) : H2100 x W355

Code : WDR-RF2400355BK
Size (mm) : H2400 x W355



Minso Flat Bracket

Code : WDR-FB-BK

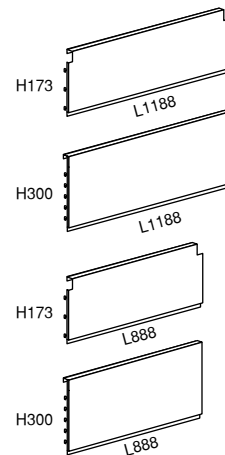


Minso Shelving

Code : WDR-S2501196-BK
Size (mm) : W250 x L1196

Code : WDR-S250896-BK
Size (mm) : W250 x L896

Code : WDR-S243663-BK
Size (mm) : W243 x L663



Minso Back Plate

Code : WDR-BP1731188-BK
Size (mm) : H173 x L1188

Code : WDR-BP3001188-BK
Size (mm) : H300 x L1188

Code : WDR-BP173888-BK
Size (mm) : H173 x L888

Code : WDR-BP300888-BK
Size (mm) : H300 x L888

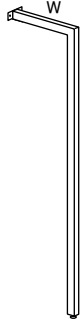


SWL32-M825

Code : Screw Leg
OD32 x M8 x 25
(20 line)

Height		Depth)	Length	Decking Material	Loading Capacity	Colour
mm	ft					
1500	5	355	896	Metal Shelving Plate	60kg UDL / Shelf	Black
1800	6					
2100	7		1196			
2400	8					

Minso L Wall Wooden Display Rack with Empty Back



Minso L Stand

Code : WDR-LS2100355-BK
Size (mm) : H2100 x W355
Code : WDR-LS2400355-BK
Size (mm) : H2400 x W355
Code : WDR-LS2700355-BK
Size (mm) : H2700 x W355
Code : WDR-LS3000355-BK
Size (mm) : H3000 x W355



Pitching
adjustable:
25mm

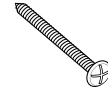


Minso G Bracket

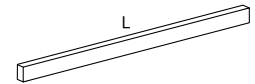
Code : WDR-GBL-BK (Left)
Code : WDR-GBR-BK (Right)



PVC Wall Plug
Code : PVCWP

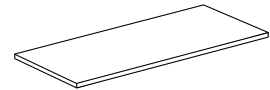


Tapping Screw Flat Head M10x50
Code : TSFH1050



Minso Square Bar

Code : WDR-SB880-BK
Size (mm) : L880
Code : WDR-SB1180-BK
Size (mm) : L1180




16mm Melamine Board

Code : 16MB 295895
Size (mm) : 295 x 895
Code : 16MB 2951195
Size (mm) : 295 x 1195
Colour : TTF Light Brown

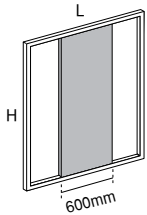


SWL32-M825

Code : Screw Leg
OD32 x M8 x 25
(20 line)

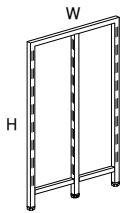
Height	Depth	Length	Decking Material	Loading Capacity	Colour
mm	mm	mm		kg	
2100	355	880	16mm Melamine Board (TTF Light Brown)	60kg UDL / Shelf	 Black
2400					
2700		1180			
3000					

Minso Island Wooden Display Rack



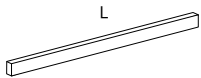
Minso Back Plate Half

Code : WDR-BPH14001170-BK
Size (mm) : H1400 x L1170



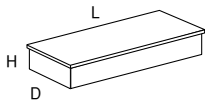
Minso Frame

Code : WDR-F1500690-BK
Size (mm) : H1500 x W690
Code : WDR-F1800690-BK
Size (mm) : H1800 x W690
Code : WDR-F2100690-BK
Size (mm) : H2100 x W690
Code : WDR-F2400690-BK
Size (mm) : H2400 x W690



Minso Square Bar

Code : WDR-SB650-BK
Size (mm) : L650
Code : WDR-SB880-BK
Size (mm) : L880
Code : WDR-SB1180-BK
Size (mm) : L1180



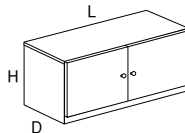
Minso Bottom

Code : WDR-B150330660
Size (mm) : H150 x D330 x L660
Code : WDR-B1503301165
Size (mm) : H150 x D330 x L1165



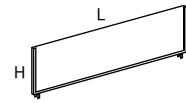
SWL32-M825

Code : Screw Leg
OD32 x M8 x 25
(20 line)



Minso Cabinet

Code : WDR-C400335660
Size (mm) : H400 x D330 x L660
Code : WDR-C4003351165
Size (mm) : H400 x D330 x L1165



Minso Advertising Plate c/w U Clip

Code : WDR-A2031160-BK
Size (mm) : H203 x L1160



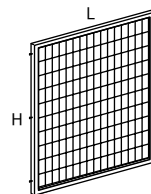
Minso G Bracket

Code : WDR-GBL-BK (Left)
Code : WDR-GBR-BK (Right)



16mm Melamine Board

Code : 16MB 295664
Size (mm) : 295 x 664
Code : 16MB 295895
Size (mm) : 295 x 895
Code : 16MB 2951195
Size (mm) : 295 x 1195
Colour : TTF Light Brown

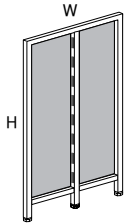


Minso Back Netting Full

Code : WDR-BNF14001170-BK
Size (mm) : H1400 x L1170
Code : WDR-BNF17001170-BK
Size (mm) : H1700 x L1170

Height	Overall Depth	Decking Material	Back Cover	Loading Capacity	Colour
mm	mm			kg	
1500	690	16mm Melamine Board (TTF Light Brown)	i) Back Plate Full ii) Back Netting Full iii) Back Netting Half	60kg UDL / Shelf	Black
1800					
2100					
2400					

Minso Island Wooden Display Rack with Back Plate



Minso Frame c/w Plate

Code : WDR-FP1500690-BK

Size (mm) : H1500 x W690

Code : WDR-FP1800690-BK

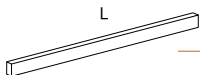
Size (mm) : H1800 x W690



Minso G Bracket

Code : WDR-GBL-BK (Left)

Code : WDR-GBR-BK (Right)



Minso Square Bar

Code : WDR-SB650-BK

Size (mm) : L650

Code : WDR-SB880-BK

Size (mm) : L880

Code : WDR-SB1180-BK

Size (mm) : L1180



SWL32-M825

Code : Screw Leg

OD32 x M8 x 25

(20 line)



16mm Melamine Board

Code : 16MB 295664

Size (mm) : 295 x 664

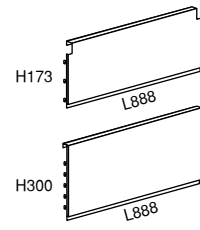
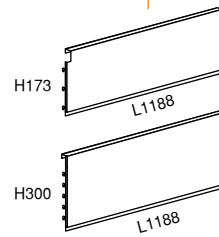
Code : 16MB 295895

Size (mm) : 295 x 895

Code : 16MB 2951195

Size (mm) : 295 x 1195

Colour : TTF Light Brown



Minso Back Plate

Code : WDR-BP1731188-BK

Size (mm) : H173 x L1188

Code : WDR-BP3001188-BK


Size (mm) : H300 x L1188

Code : WDR-BP173888-BK

Size (mm) : H173 x L888

Code : WDR-BP300888-BK

Size (mm) : H300 x L888

Height	Overall Depth	Decking Material	Back Cover	Loading Capacity	Colour
mm	mm			kg	
1500	690	16mm Melamine Board (TTF Light Brown)	i) Back Plate Full ii) Back Netting Full iii) Back Netting Half	60kg UDL / Shelf	 Black
1800					
2100					
2400					

Optional



Minso Shelving

Code : WDR-S2501196

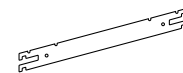
Size (mm) : W250 x L1196

Code : WDR-S250896

Size (mm) : W250 x L896

Code : WDR-S243663-BK

Size (mm) : W243 x L663



Minso Flat Bracket

Code : WDR-FB-BK

Minso Rack Project





Shopping Basket

ML-1-RD • H260 x W330 x L450 (mm) • Red
ML-1-GN • H260 x W330 x L450 (mm) • Green
ML-1-BK • H260 x W330 x L450 (mm) • Black
ML-1-BU • H260 x W330 x L450L (mm) • Blue

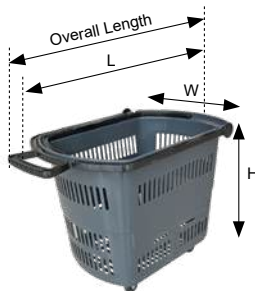
Shopping Basket Trolley

SPBT • H1020 x W472 x L472 (mm)
 *without shopping basket



Shopping Basket with Roller

RB02DG • H395 x W400 x L500 (mm)
 Overall Length 575mm • 45 Litre • Dark Grey
RB02RD • H395 x W400 x L500 (mm)
 Overall Length 575mm • 45 Litre • Red
RB02YW • H395 x W400 x L500 (mm)
 Overall Length 575mm • 45 Litre • Yellow
RB02BU • H395 x W400 x L500 (mm)
 Overall Length 575mm • 45 Litre • Blue



Shopping Trolley

Product code	Capacity	Overall Size:	Colour
	litre	H x W x L (mm)	
SH125A	125	1020 x 560 x 890	■ Red



150 litre



125 litre



88 litre

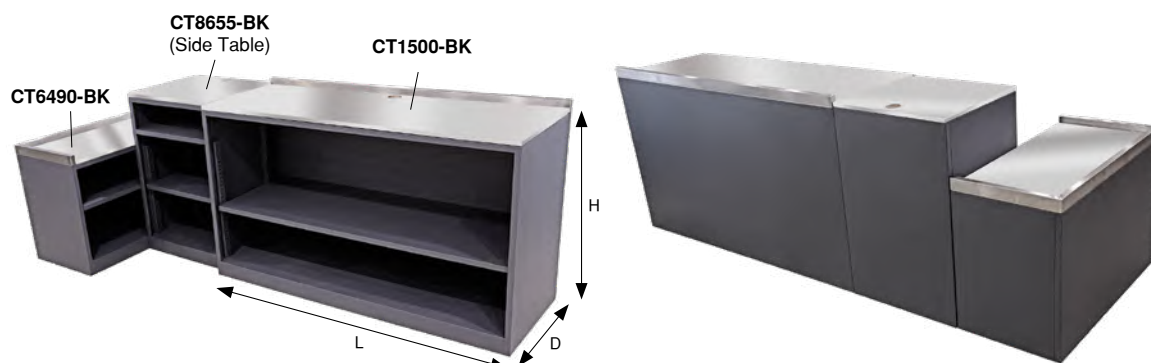



20 litre

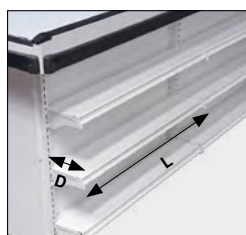
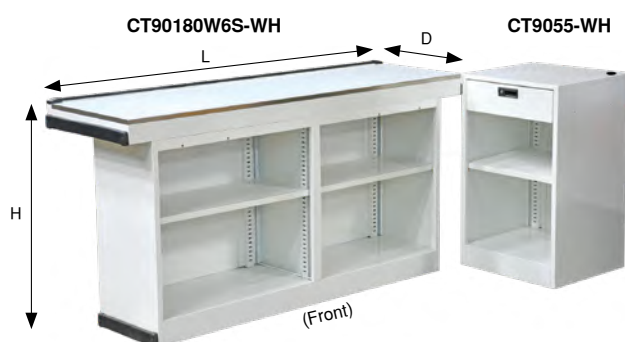
Shopping Trolley



Product code	Capacity	Overall Size: H x W x L	Colour
	litre	mm	
ST150YW	150	1030 x 570 x 1000	■ Yellow
ST125YW	125	1045 x 505 x 875	
ST88YW	88	980 x 490 x 825	
ST20YW	20	620 x 300 x 480	

Cashier Counter

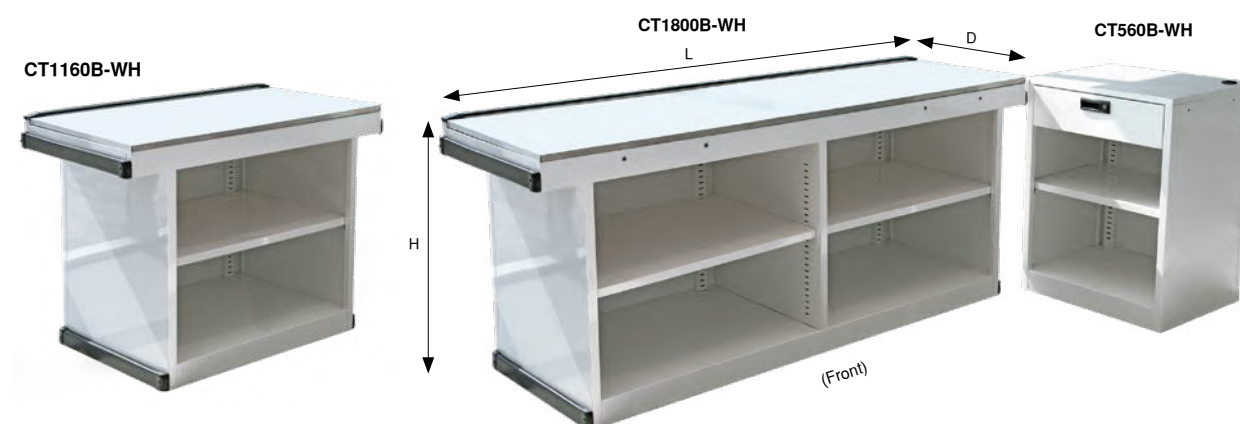


Product code	Description	Height x Depth x Length	Colour
		mm	
CT1500-BK	Cashier Counter	890 x 550 x 1500	 Black
CT6490-BK		640 x 450 x 900	
CT8655-BK		865 x 500 x 550	



Product code	Description	Height x Depth x Length	Colour	Remarks
		mm		
CT90180W6S-WH	Cashier Counter 900H x 1800L x c/w 6 Shelf	900 x 550 x 1800	 Black	Come with 6 shelf
CT90180W6S-BK				
CT9055-WH	Side Table 900H x 550L	900 x 500 x 550	 White	-
CT9055-BK				

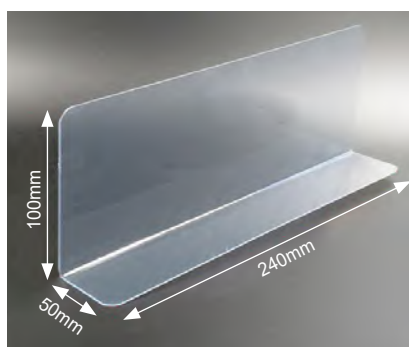
Cashier Counter



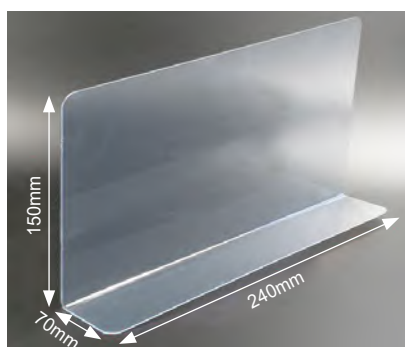
Product code	Description	Size (mm) : H x D x L	Colour
CT1800B-WH	Cashier Counter	770 x 550 x 1780	<div style="border: 1px solid black; width: 15px; height: 10px; display: inline-block;"></div> White
CT1160B-WH		770 x 550 x 1160	
CT560-WH	Side Table	770 x 450 x 550	



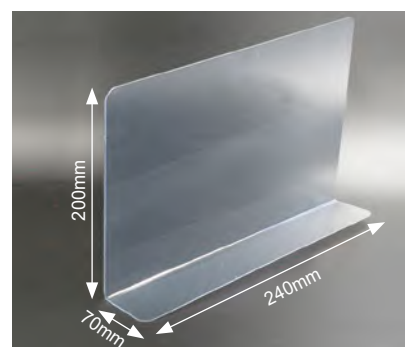
PVC Display Divider



PD100 • 100H x 50W x 240L (mm)



PD150 • 150H x 70W x 240L (mm)

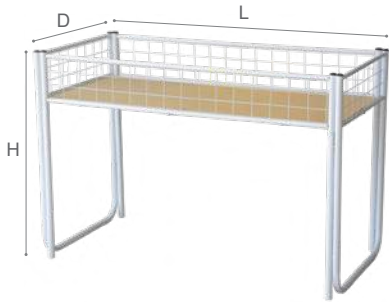


PD200 • 200H x 70W x 240L (mm)

Wire Display System

Offer Bin 1 Layer

OB1L • H815 x D590 x L1220 (mm)
Black | White



Offer Bin 2 Layer

OB2L • H815 x D590 x L1220 (mm)
Black | White



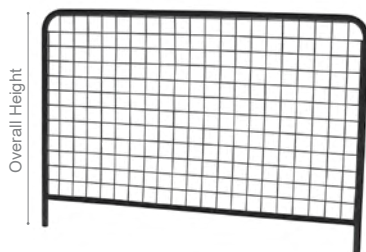
Offer Bin 3 Layer

OB3L • H1310 x D590 x L1220 (mm)
Black | White



Offer Bin Netting

OBN • H750 x L1165 (mm)
Overall Height 840 (mm)
Black | White



Adjustable Offer Bin 3

AOB3 • H800 x D610 x L1220 (mm)
Black | White



Zip Canvas

ZC • H813 x D610 x L1219 (mm)
Red | Dark Blue | Orange



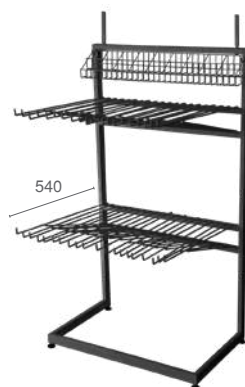
A Wrapping Paper Stand

AWPS-BK • 1250H x 380D x 600L (mm)
Black



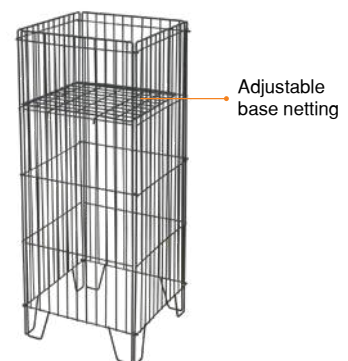
E Wrapping Paper Stand

EWPS-BK • 1240H x 450D x 715L (mm)
Black



Mini Promo Bin

MPB • 800H x 300D x 300L (mm)
Black



Wire Display System

Full Netting Bin

FNB • 800H x 610D x 610L (mm)
Black



Umbrella Stand

US-BK • 730H x 300D x 335L (mm)
Black



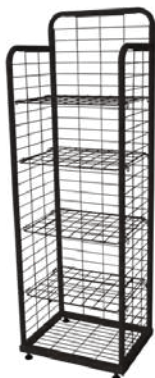
Magazine Rack

MR2 • 1290H x 390D x 914L (mm)
Black | White



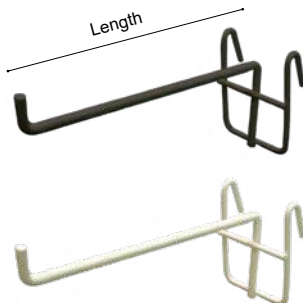
Newspaper Stand

NPS-BK • 1380H x 355D x 450L (mm)
Black



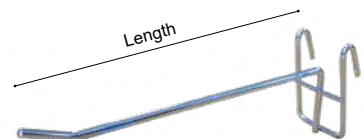
Epoxy Netting Hook

NH 2A / 4A / 6A / 8A / 10A / 12A
Length: 2", 4", 6", 8", 10", 12"
Black | White



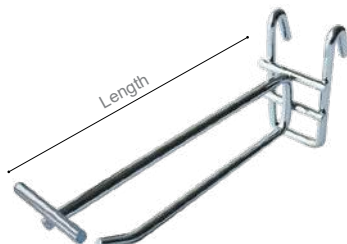
Chrome Netting Hook

CHNH 4 / 6 / 8 / 10 / 12
Length: 4", 6", 8", 10", 12"



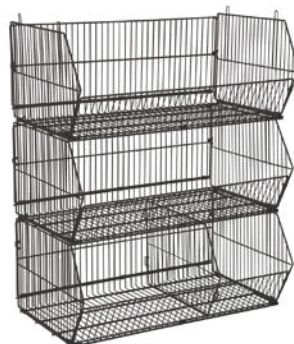
Chrome Netting Double Hook

CHNDH • Length (in) 4, 6, 8, 10, 12



Stackable Basket

SB2 • 350H x 450D x 610L (mm)
SB3 • 350H x 450D x 910L (mm)
SB4 • 350H x 450D x 1220L (mm)
Black | White



Stackable Basket Tray c/w Wheel

SB2T • 400D x 630L (mm)
SB3T • 400D x 935L (mm)
SB4T • 400D x 1240L (mm)
Black | White



Wire Display System

Candy Basket (foldable)

CBF3 • 370H x 570D x 905L (mm)
CBF4 • 370H x 570D x 1210L (mm)



Candy Basket Divider

CBD • 360H x 550L (mm)

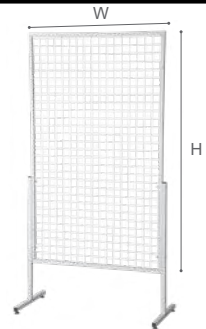
Stackable Basket Divider

SBD • 340H x 420L (mm)
Black | White



Wire Mesh with Stand

WMS 1.5 x 6B • 1.5' x 6' (ft)	WMS 3 x 6B • 3' x 6'
WMS 2 x 4B • 2' x 4'	WMS 3 x 7B • 3' x 7'
WMS 2 x 5B • 2' x 5'	WMS 4 x 4B • 4' x 4'
WMS 2 x 6B • 2' x 6'	WMS 4 x 5B • 4' x 5'
WMS 3 x 4B • 3' x 4'	WMS 4 x 6B • 4' x 6'
WMS 3 x 5B • 3' x 5'	WMS 4 x 7B • 4' x 7'



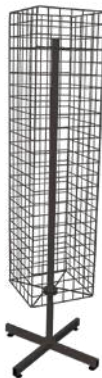
Broom Rack

BMR • 1330H x 510D x 1000L (mm)
Black



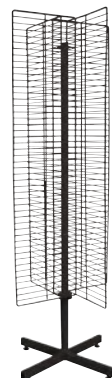
4 Way Stand

4WS • 1580H x 305D x 305L (mm)
Black



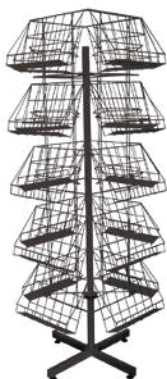
X Stand

XS • 1570H x 300D x 300L (mm)
Black



Book Stand Square

BKS-BK • 1600H x 610D x 610L (mm)
Black



Brochure Stand

BCS-BK • 1600H x 230D x 230L (mm)
Black



7-tier Hook Stand

7HS • 1620H (mm)
Black | White



SAFETY CONVEX MIRROR

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Polycarbonate Convex Mirror is made of polycarbonate which is soft, lightweight but with strong impact resistant and shatter-proof. Compared with acrylic, polycarbonate lens have excellent reflection properties, ultraviolet-proof and anti-scratch. The impact resistance is about 30 times stronger than the same thickness of acrylic.

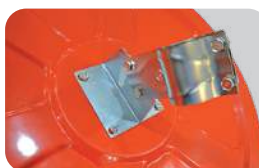
Reliable: Vandal resistant. To improve visibility for blind spots indoors or outdoors, such as driveways, street corners, road crossings, garage exits, parking lots, garage, warehouse, shops, retails, supermarket, etc.

Outdoor Polycarbonate Convex Mirror



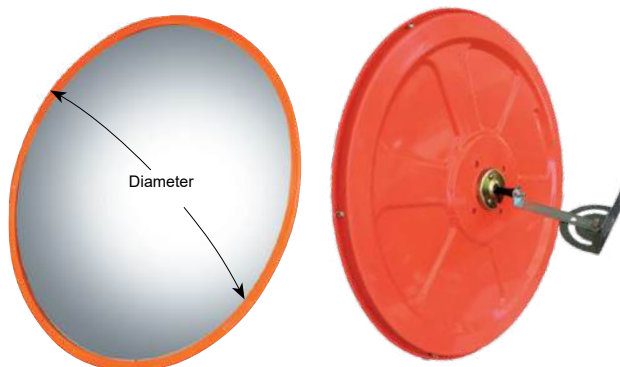
Product code	Diameter (cm)	Pole bracket (cm)
PCOM 60	Ø60	Ø5
PCOM 80	Ø80	Ø7.5
PCOM 100	Ø100	Ø7.5

Remarks: Pole not included.



Pole mounted bracket

Indoor Polycarbonate Convex Mirror



Product code	Diameter (cm)	Pole bracket (cm)
PCIM 45	Ø45	Ø5
PCIM 60	Ø60	Ø7.5

Remarks: Pole not included.



Wall mounted bracket



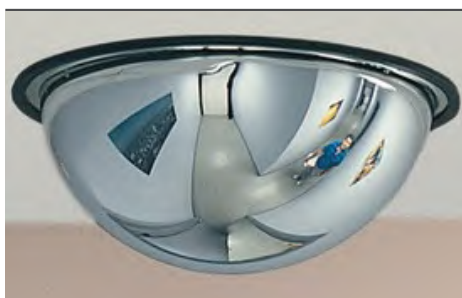
Springs back automatically, after press.



Protective film - To avoid scratch, remove it after installation.



Suitable use in indoor and outdoor.



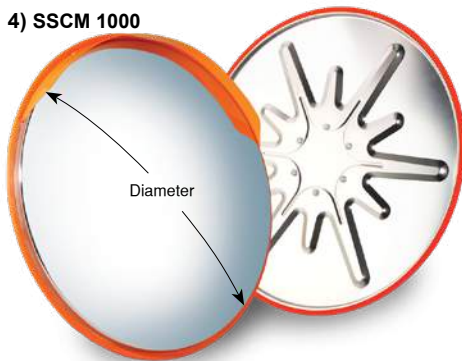
Indoor Dome Mirror

Product code	IDM 600
Diameter (mm)	Ø600
Material made	Polycarbonate
Mounted on	Ceiling

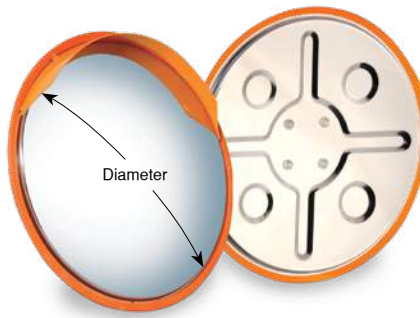


Outdoor Stainless Steel Convex Mirror

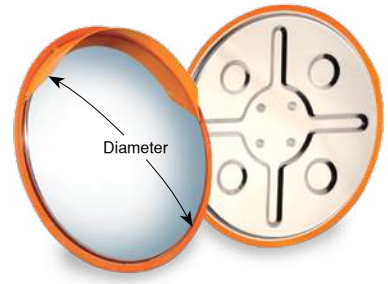
4) SSCM 1000



5) SSCM 800



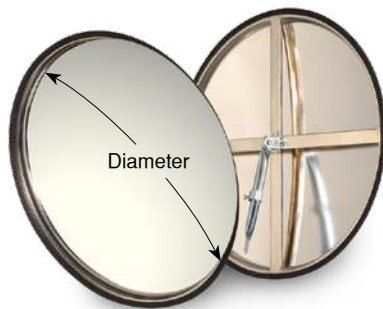
6) SSCM 600



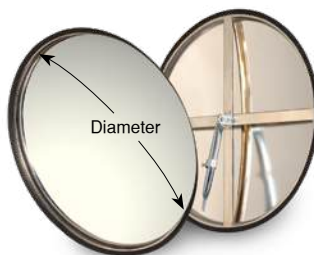
Product code	SSCM 1000	SSCM 800	SSCM 600
Diameter (mm)	Ø1000	Ø800	Ø600
Carton size (mm)	1105 x 1085 x 128	905 x 895 x 128	680 x 680 x 175
Qty carton (pc)	1	1	1
G.W. (kg)	19.58	14.05	7.95
Mounted on	Pole	Pole	Pole
Pole diameter (mm)	Ø75	Ø75	Ø75

Indoor Stainless Steel Convex Mirror

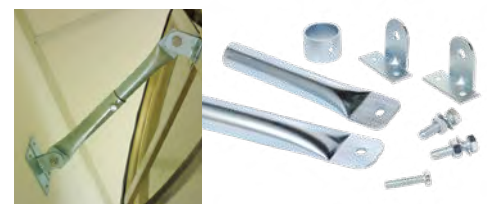
7) SUS 600



8) SUS 490



Product code	SUS 600	SUS 490
Diameter (mm)	Ø600	Ø490
Carton size (mm)	675 x 675 x 117	525 x 525 x 110
Qty carton (pc)	1	1
G.W. (kg)	3.85	2.45
Mounted on	Wall	Wall



Wall mounted bracket

Why Stainless Steel

Material	Weather Resistant	Impact Resistant	Reflectiveness	Lifespan (Yrs)
Stainless Steel	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	10
Acrylic	✓ ✓ ✓	✓ ✓	✓ ✓	< 1
Polycarbonate	✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓	< 2
Glass	✓ ✓	✓	✓ ✓	< 3

Remarks : ✓ ✓ ✓ ✓ ✓ Best ✓ ✓ ✓ ✓ Good ✓ ✓ ✓ Normal ✓ ✓ Poor ✓ Very Poor

Source: PIARC committee on road safety. Japan's traffic mirror guide.

Advantages of Stainless Steel

- ✓ Extreme weather conditions
- ✓ Virtually tough
- ✓ Unbreakable
- ✓ Durable. Thus, reduce cost in long term
- ✓ Minimum maintenance



A person wearing brown work pants and tan work boots is standing on an aluminum extension ladder. The ladder is positioned against a red brick wall. The person's hands are visible at the top of the ladder, holding the rungs. The ladder has a silver, metallic finish. The background is a textured brick wall.

ALUMINIUM LADDER

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MDS 04



MDS 04

CAPACITY
120kgs

Medium Duty Double Sided Ladder

Product code	No. of Step	Working Height	
		mm	feet
MDS 04	4	1000	3.28
MDS 05	5	1200	4.1
MDS 06	6	1500	4.9
MDS 07	7	1750	5.74
MDS 08	8	2000	6.56
MDS 09	9	2250	7.38
MDS 10	10	2500	8.2
MDS 11	11	2750	9.02
MDS 12	12	3000	9.84
MDS 14	14	3500	11.48

Description	Model	Size (mm)
Heavy Duty Ladder Bag	HLB 6511	150 x 125 x 275



Heavy Duty Ladder Bag



Safety PVC Side Cover



Hinge joint cover with PVC



Reinforced braces



Anti slip design



Non Slip Rubber Foot



Aluminium Single Sided Ladder

Product code: **K104 - K116**

Product Code	K104	K105	K106	K107	K108	K109	K110	K111	K112	K114	K116
Steps	4	5	6	7	8	9	10	11	12	14	16
Height	mm	1016	1270	1524	1778	2032	2286	2540	2807	3061	4077

- Available in many sizes from 4 to 16 steps.
- Economical model for general application.
- Wide non-slip step provide comfort and stability.
- Powder coated and durable.
- Extra double groove design for better loading.



Aluminium Double Sided Ladder

Product code: **SDS04 - SDS16**

Product Code	SDS04	SDS05	SDS06	SDS07	SDS08	SDS09	SDS10	SDS11	SDS12	SDS14	SDS16
Steps	4	5	6	7	8	9	10	11	12	14	16
Height	mm	1016	1270	1524	1778	2032	2286	2540	2807	3061	4077

- Available in many sizes from 4 to 16 steps.
- Identical front and back sections allow access from either side.
- Wide flat top good for tool test.
- Natural anodized for durability.



Aluminium Single Sided Heavy Duty Ladder

Product code: **HD04 - HD18**

Product Code	HD04	HD05	HD06	HD07	HD08	HD09	HD10	HD11	HD12	HD14	HD16	HD18
Steps	4	5	6	7	8	9	10	11	12	14	16	18
Height	mm	1016	1270	1524	1778	2032	2286	2540	2807	3061	4077	4585

- Available in many sizes from 4 to 18 steps.
- Heavy duty siderails for exceptional load rating.
- Wide non-slip step provide comfort and stability.
- Powder coated.



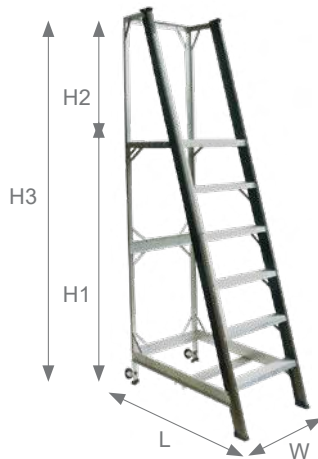
Aluminium Double Sided Heavy Duty Ladder

Product code: **DSHD04 - DSHD18**

Product Code		DSHD04	DSHD05	DSHD06	DSHD07	DSHD08	DSHD09
Steps		4	5	6	7	8	9
Height	mm	1016	1270	1524	1778	2032	2286

Product Code		DSHD10	DSHD11	DSHD12	DSHD14	DSHD16	DSHD18
Steps		10	11	12	14	16	18
Height	mm	2540	2807	3061	3569	4077	4585

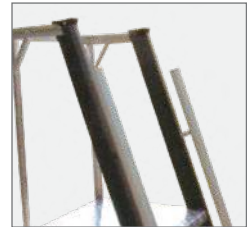
- Available in many sizes from 4 to 18 steps.
- Heavy duty siderails for exceptional load rating.
- Wide non-slip step provide comfort and stability.
- Powder coated.



Aluminium Warehouse Step Ladder

Design for: Ideal for factory or warehouse heavy duty application where extra wide working platform serves as good rest.

Product Code		HWS06	HWS08	HWS10
Steps		6	8	10
H1	mm	1480	1988	2496
H2	mm	743		
H3	mm	2223	2731	3239
W	mm	524		
L	mm	937	1089	1220



Wide platform 20"x20" with heavy duty siderail & handrail.

- Available in 6 to 10 steps.
- Design for warehouse & factory with goods storage rack.
- Large platform 20" x 20" provide comfortable working area.
- Rear rolling wheel provide higher mobility.



Aluminium E Double Step Ladder

Product Code		EDL03	EDL04	EDL05	EDL06	EDL07	EDL08
Steps		3	4	5	6	7	8
Height	mm	762	1016	1270	1524	1778	2032

- Available in many sizes from 3 to 8 steps.
- Made of light weight aluminium profiles and high-impact plastic parts for easy transit.
- PVC rubber shoes on 4 feet to ensure grip on floor when in use.



Aluminium E Ladder

Product Code		EL03	EL04	EL05	EL06	EL07	EL08
Steps		3	4	5	6	7	8
Upright Length	mm	1133	1387	1641	1895	2149	2403

Easy operation durable zinc plated steel hinge with spreader to enhance spread looking.

- Quarter circle shaped 70mm extra wide steps provides firm footing and comfort.
- Natural anodized & colour PVC for durability.





Aluminium 2 Way Ladder

Product Code	Steps	Full Length (mm)	Folded Length (mm)
TW4	8	2108	1058
TW5	10	2628	1318
TW6	12	3148	1560
TW7	14	3668	1838
TW8	16	4188	2098

Design for: General household application.



Aluminium 3 Way Heavy Duty Ladder

Product Code	Steps	Full Length (mm)	Folded Length (mm)
3W05	10	3189	1593
3W06	12	3775	1886
3W07	14	4361	2179
3W08	16	4947	2472
3W09	18	5533	2765
3W10	20	6119	3058

Design for: General household application to light industry application.



Aluminium 2 in 1 Ladder

Product Code	Steps	'A' Type Height (mm)	Extended Length (mm)
GL05	5	1275.08	2085.34
GL06	6	1529.08	2339.34
GL07	7	1783.08	2593.34
GL08	8	2037.08	2847.34

Design for: Light industrial applications and renovation works. Also general household application where it can be formed into either long straight ladder or self-supporting 'A' type ladder.



Aluminium Multi-purpose Ladder

Product Code	Steps	Straight Length (mm)	A-Type Length (mm)	Platform Length (mm)	Folded Length (mm)	Leg Spread (mm)
SMP08	8	2601	1303	775	766	595
SMP10	10	3185	1590	1069	1055	595
SMP12	12	3769	1885	1069	1055	595
SMP14	14	4386	2194	1360	1351	595
SMP16	16	4940	2476	1360	1351	595

Design for: To fulfill wide range of application demand from changing a light bulb to factory access equipment. Ideal for architectural renovations works.



Aluminium Single Pole Ladder

Product Code	Rung (ft)	Full Length (m)
SM08SP	7	2.36
SM10SP	9	2.96
SM12SP	11	3.56
SM15SP	14	4.46
SM16SP	15	5.06
SM18SP	17	5.66
SM20SP	19	6.26

Design for: Industrial application where access to higher level of height is required.



Aluminium Double Extension Ladder

Product Code	Rung (ft)	Length (m)	Extended (m)
SM08DE	14	2.36 x 2.36	4.14
SM10DE	18	2.96 x 2.96	5.34
SM12DE	22	3.56 x 3.56	6.54
SM15DE	28	4.46 x 4.46	8.34
SM16DE	30	5.06 x 5.06	8.42
SM18DE	34	5.66 x 5.66	9.62
SM20DE	38	6.26 x 6.26	10.82

Design for: Architectural renovation works and industrial application where access to higher height is in demand.



Aluminium Triple Extension Ladder

Product Code	Rung (ft)	Length (m)	Extended (m)
SM08TE	21	2.36 x 2.36 x 2.36	5.92
SM10TE	27	2.96 x 2.96 x 2.96	7.72
SM12TE	33	3.56 x 3.56 x 3.56	9.52
SM15TE	42	4.46 x 4.46 x 4.46	12.22
SM16TE	45	5.06 x 5.06 x 5.06	12.34
SM18TE	51	5.66 x 5.66 x 5.66	14.14
SM20TE	57	6.26 x 6.26 x 6.26	15.94

Design for: Architectural renovation works and industrial application. From general household application to factory access equipment.

OFFICE SYSTEMS

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IDEAL FOR SPACE



FULL HEIGHT CUPBOARD



FC 302

Description :
Full Height Cupboard With Steel
Swinging Door C/W 3 Adjustable
Shelves

Dimension :
915W x 457D x 1828H (mm)



FC 302L

Description :
Full Height Cupboard With Steel
Swinging Door & Locking Bar C/W
3 Adjustable Shelves

Dimension :
915W x 457D x 1828H (mm)



FC 303

Description :
Full Height Cupboard With Steel Sliding
Door C/W 3 Adjustable Shelves

Dimension :
915W x 457D x 1828H (mm)



FC 304

Description :
Full Height Cupboard With Glass Sliding
Door C/W 3 Adjustable Shelves

Dimension :
915W x 457D x 1828H (mm)



FC 305

Description :
Full Height Cupboard With Glass
Swinging Door C/W 3 Adjustable Shelves

Dimension :
915W x 457D x 1828H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

HALF HEIGHT CUPBOARD



HC 202

Description :

Half Height Cupboard With Steel Swinging Door C/W 1 Adjustable Shelves

Dimension :

915W x 457D x 915H (mm)



HC 202L

Description :

Half Height Cupboard With Steel Swinging Door C/W 1 Adjustable Shelves + Locking Bar

Dimension :

915W x 457D x 915H (mm)



HC 203

Description :

Half Height Cupboard With Steel Sliding Door C/W 1 Adjustable Shelves

Dimension :

915W x 457D x 915H (mm)



HC 204

Description :

Half Height Cupboard With Glass Sliding Door C/W 1 Adjustable Shelves

Dimension :

915W x 457D x 915H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

FILING CABINET



FC 2B

Description :
2 Drawer Filing Cabinet with Recess Handle C/W Ball Bearing Slide

Dimension :
465W x 625D x 720H (mm)



FC 3B

Description :
3 Drawer Filing Cabinet with Recess Handle C/W Ball Bearing Slide

Dimension :
465W x 625D x 1020H (mm)



FC 4B

Description :
4 Drawer Filing Cabinet with Recess Handle C/W Ball Bearing Slide

Dimension :
465W x 625D x 1320H (mm)



FC 4BL

Description :
4 Drawer Filing Cabinet with Recess Handle C/W Ball Bearing Slide & Locking Bar

Dimension :
465W x 625D x 1320H (mm)



FC 5B

Description :
5 Drawer Filing Cabinet with Recess Handle C/W Ball Bearing Slide

Dimension :
465W x 625D x 1620H (mm)



Ball Bearing Slide



FC 5BL

Description :
5 Drawer Filing Cabinet with Recess Handle C/W Ball Bearing Slide & Locking Bar

Dimension :
465W x 625D x 1620H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

MOBILE COMPACTOR



Per Bay Measurement (Standard):

915W x 420D x 2115H (mm)

No. of shelf per bay: With built-in lateral file holder, 4 pieces of lateral shelf and 1 piece base shelf to provides 5 tier filing storage.
(Max loading capacity : 50kg per shelf)

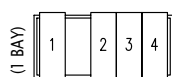
Material Used:

- Cold rolled steel plate for the whole bay's body and shelves (0.8mm).
- Square hollow section and steel flat bar for the track & rail.
- Cold rolled steel bearing and bearing base.

Finish: Powder Coating

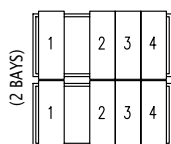
Locking Device: A central locking provided on the back of last single mobile bay for simple locking purposes.

TOP VIEW



MC4x1

TOP VIEW



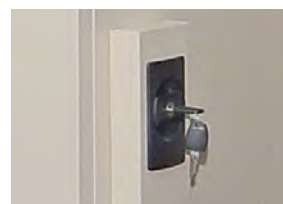
MC4x2



Handle



Lateral Shelf
(Can hang filing pocket)



Central Locking Lock

MC 4x1

Description :
4 x 1 Bays Depth
Mobile Compactor

Dimension (mm) :
2440W
915D
2115H

MC 5x1

Description :
5 x 1 Bays Depth
Mobile Compactor

Dimension (mm) :
2860W
915D
2115H

MC 6x1

Description :
6 x 1 Bays Depth
Mobile Compactor

Dimension (mm) :
3280W
915D
2115H

MC 7x1

Description :
7 x 1 Bays Depth
Mobile Compactor

Dimension (mm) :
3700W
915D
2115H

MC 8x1

Description :
8 x 1 Bays Depth
Mobile Compactor

Dimension (mm) :
4120W
915D
2115H

MC 10x1

Description :
10 x 1 Bays Depth
Mobile Compactor

Dimension (mm):
4960W
915D
2115H

MC 12x1

Description :
12 x 1 Bays Depth
Mobile Compactor

Dimension (mm):
5800W
915D
2115H

MC 4x2

Description :
4 x 2 Bays Depth
Mobile Compactor

Dimension (mm) :
2440W
1830D
2115H

MC 5x2

Description :
5 x 2 Bays Depth
Mobile Compactor

Dimension (mm) :
2860W
1830D
2115H

MC 6x2

Description :
6 x 2 Bays Depth
Mobile Compactor

Dimension (mm) :
3280W
1830D
2115H

MC 7x2

Description :
7 x 2 Bays Depth
Mobile Compactor

Dimension (mm) :
3700W
1830D
2115H

MC 8x2

Description :
8 x 2 Bays Depth
Mobile Compactor

Dimension (mm) :
4120W
1830D
2115H

MC 10x2

Description :
10 x 2 Bays Depth
Mobile Compactor

Dimension (mm):
4960W
1830D
2115H

MC 12x2

Description :
12 x 2 Bays Depth
Mobile Compactor

Dimension (mm):
5800W
1830D
2115H

COLOUR OPTION :



LIGHT GREY



BEIGE

MULTIPLE STEEL LOCKER



3 Compartments

Description :

3 Compartments Steel Locker with 1 Cloth Hanging Bar & 1 Fixed Shelf at bottom at each compartment

4 Optional Dimension :

SL3 3615 : 915W x 381D x 1828H (mm)
 SL3 3618 : 915W x 457D x 1828H (mm)
 SL3 4515 : 1143W x 381D x 1828H (mm)
 SL3 4518 : 1143W x 457D x 1828H (mm)



6 Compartments

Description :

6 Compartments Steel Locker with 1 Cloth Hanging Bar & 1 Fixed Shelf at bottom at each compartment

4 Optional Dimension :

SL6 3615 : 915W x 381D x 1828H (mm)
 SL6 3618 : 915W x 457D x 1828H (mm)
 SL6 4515 : 1143W x 381D x 1828H (mm)
 SL6 4518 : 1143W x 457D x 1828H (mm)



9 Compartments

Description :

9 Compartments Steel Locker

4 Optional Dimension :

SL9 3615 : 915W x 381D x 1828H (mm)
 SL9 3618 : 915W x 457D x 1828H (mm)
 SL9 4515 : 1143W x 381D x 1828H (mm)
 SL9 4518 : 1143W x 457D x 1828H (mm)



12 Compartments

Description :

12 Compartments Steel Locker

4 Optional Dimension :

SL12 3615 : 915W x 381D x 1828H (mm)
 SL12 3618 : 915W x 457D x 1828H (mm)
 SL12 4515 : 1143W x 381D x 1828H (mm)
 SL12 4518 : 1143W x 457D x 1828H (mm)



15 Compartments

Description :

15 Compartments Steel Locker

4 Optional Dimension :

SL15 3615 : 915W x 381D x 1828H (mm)
 SL15 3618 : 915W x 457D x 1828H (mm)
 SL15 4515 : 1143W x 381D x 1828H (mm)
 SL15 4518 : 1143W x 457D x 1828H (mm)



18 Compartments

Description :

18 Compartments Steel Locker

4 Optional Dimension :

SL18 3615 : 915W x 381D x 1828H (mm)
 SL18 3618 : 915W x 457D x 1828H (mm)
 SL18 4515 : 1143W x 381D x 1828H (mm)
 SL18 4518 : 1143W x 457D x 1828H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

STEEL LOCKER



SL1 1515

Description :

1 Compartments Steel Locker with 1 Cloth Hanging Bar & 1 Fixed Shelf at bottom.

2 Optional Dimension :

SL1 1515 : 381W x 381D x 1828H (mm)

SL1 1518 : 381W x 457D x 1828H (mm)



SL2 1515

Description :

2 Compartments Steel Locker with 1 Cloth Hanging Bar & 1 Fixed Shelf at bottom at each Compartment.

2 Optional Dimension :

SL2 1515 : 381W x 381D x 1828H (mm)

SL2 1518 : 381W x 457D x 1828H (mm)



SL3 1515

Description :

3 Compartments Steel Locker

2 Optional Dimension :

SL3 1515 : 381W x 381D x 1828H (mm)

SL3 1518 : 381W x 457D x 1828H (mm)



SL4 1515

Description :

4 Compartments Steel Locker

2 Optional Dimension :

SL4 1515 : 381W x 381D x 1828H (mm)

SL4 1518 : 381W x 457D x 1828H (mm)



SL5 1515

Description :

5 Compartments Steel Locker

2 Optional Dimension :

SL5 1515 : 381W x 381D x 1828H (mm)

SL5 1518 : 381W x 457D x 1828H (mm)



SL6 1515

Description :

6 Compartments Steel Locker

2 Optional Dimension :

SL6 1515 : 381W x 381D x 1828H (mm)

SL6 1518 : 381W x 457D x 1828H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

HALF HEIGHT MULTIPLE LOCKER



Half Height 6 Compartment

Description :

Half Height 6 Compartment Steel Locker

4 Optional Dimension :

HL6 3615 : 915W x 381D x 915H (mm)

HL6 3618 : 915W x 457D x 915H (mm)

HL6 4515 : 1143W x 381D x 915H (mm)

HL6 4518 : 1143W x 457D x 915H (mm)



Half Height 9 Compartment

Description :

Half Height 9 Compartment Steel Locker

4 Optional Dimension :

HL9 3615 : 915W x 381D x 915H (mm)

HL9 3618 : 915W x 457D x 915H (mm)

HL9 4515 : 1143W x 381D x 915H (mm)

HL9 4518 : 1143W x 457D x 915H (mm)

CUSTOM MADE ITEM



SCM 0003

Description :

36 Compartment Steel Locker
with Steel Swinging Door c/w
Camlock

Dimension :

915W x 381D x 1828H (mm)



SCM 0004

Description :

Full Height 30 Pigeon Hole

Dimension :

915W x 457D x 1828H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

PIGEON HOLE



PH6ST

Description :
6 Pigeon Hole Side Table

Dimension :
915W x 381D x 930H (mm)

PH9ST

Description :
9 Pigeon Hole Side Table

Dimension :
915W x 381D x 890H (mm)

12 Pigeon Hole

Description :
Full Height 12 Pigeon Hole

4 Optional Dimension :
PH12 3615 :
915W x 381D x 1828H (mm)
PH12 3618 :
915W x 457D x 1828H (mm)
PH12 4515 :
1143W x 381D x 1828H (mm)
PH12 4518 :
1143W x 457D x 1828H (mm)

15 Pigeon Hole

Description :
Full Height 15 Pigeon Hole

4 Optional Dimension :
PH15 3615 :
915W x 381D x 1828H (mm)
PH15 3618 :
915W x 457D x 1828H (mm)
PH15 4515 :
1143W x 381D x 1828H (mm)
PH15 4518 :
1143W x 457D x 1828H (mm)

18 Pigeon Hole

Description :
Full Height 18 Pigeon Hole

4 Optional Dimension :
PH18 3615 :
915W x 381D x 1828H (mm)
PH18 3618 :
915W x 457D x 1828H (mm)
PH18 4515 :
1143W x 381D x 1828H (mm)
PH18 4518 :
1143W x 457D x 1828H (mm)

WARDROBE



FC 306

Description :
Full Height Wardrobe With Steel Swinging Door C/W 1 Cloth Hanging Bar, 3 Fixed Shelves, 1 Drawer with Camlock & 1 Mirror

Dimension :
915W x 525D x 1828H (mm)



FC 307

Description :
Full Height Wardrobe With Steel Swinging Door C/W 1 Adjustable Shelf at Top & Cloth Hanging Bar at Bottom

Dimension :
915W x 457D x 1828H (mm)



FC 308

Description :
Full Height Wardrobe With Steel Swinging Door C/W 1 Cloth Hanging Bar at Top & 1 Adjustable Shelf at Bottom

Dimension :
915W x 457D x 1828H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

MOBILE PEDESTAL



PD 109

Description :
Steel Mobile Pedestal with
Ball Bearing Slide
- 2 Drawer + 1 File

Dimension :
400W x 490D x 680H (mm)



PD 110

Description :
Steel Mobile Pedestal with
Ball Bearing Slide
- 3 Drawer

Dimension :
400W x 490D x 550H (mm)

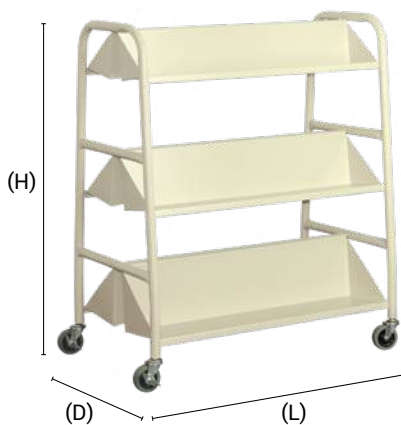


PD 111

Description :
Steel Mobile Pedestal with
Ball Bearing Slide
- 1 Drawer + 1 File

Dimension :
400W x 490D x 530H (mm)

BOOK TROLLEY



BT 264

Description :
Double Sided Book Trolley

Dimension :
790W x 510D x 1050H (mm)

COLOUR OPTION :

Utilize our book trolley for
easy access and storage.
Useful for schools, libraries
& laboratories to store books
and other publications tidily.



BEIGE

- Double / single sided 3 angles tiers shelves
- Full steel construction

KICK STEP STOOL



KSS 02

Description :
Kick Step Stool

Dimension :
Weight : 4.5kg
Height : 435mm
Top : Ø290mm
Base : Ø435mm

COLOUR OPTION :



GREY

LIBRARY SHELVING



S315W

Description :

Library Shelving Single
Sided without Side Panel
- 5 Level

Dimension :

950W x 313D x 1690H (mm)



S316W

Description :

Library Shelving Single
Sided without Side Panel
- 6 Level

Dimension :

950W x 313D x 1995H (mm)



S317W

Description :

Library Shelving Single
Sided without Side Panel
- 7 Level

Dimension :

950W x 313D x 2300H (mm)



S315

Description :

Library Shelving Single
Sided with Side Panel
- 5 Level

Dimension :

950W x 313D x 1690H (mm)



S316

Description :

Library Shelving Single
Sided with Side Panel
- 6 Level

Dimension :

950W x 313D x 1995H (mm)



S317

Description :

Library Shelving Single
Sided with Side Panel
- 7 Level

Dimension :

950W x 313D x 2300H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE

LIBRARY SHELVING



S325W

Description :
Library Shelving Double
Sided without Side Panel
- 5 Level

Dimension :
950W x 550D x 1690H (mm)



S326W

Description :
Library Shelving Double
Sided without Side Panel
- 6 Level

Dimension :
950W x 550D x 1995H (mm)



S327W

Description :
Library Shelving Double
Sided without Side Panel
- 7 Level

Dimension :
950W x 550D x 2300H (mm)



S325

Description :
Library Shelving Double
Sided with Side Panel
- 5 Level

Dimension :
950W x 550D x 1690H (mm)



S326

Description :
Library Shelving Double
Sided with Side Panel
- 6 Level

Dimension :
950W x 550D x 1995H (mm)



S327

Description :
Library Shelving Double
Sided with Side Panel
- 7 Level

Dimension :
950W x 550D x 2300H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE

PEDESTAL DESK



PD 101

Description :
5' L-Shape Pedestal Desk
(Black Linoleum Top)

Dimension :
1524W x 762D x 762H (mm)



PD 103

Description :
4' Single Pedestal Desk
(Black Linoleum Top)

Dimension :
1220W x 762D x 762H (mm)



PD 112

Description :
4' Single Pedestal Desk with Block Leg
(Black Linoleum Top)

Dimension :
1220W x 762D x 762H (mm)



PD 102

Description :
5' L-Shape Pedestal Desk
(Melamine Chipboard Top)

Dimension :
1524W x 762D x 762H (mm)



PD 104

Description :
4' Single Pedestal Desk
(Melamine Chipboard Top)

Dimension :
1220W x 762D x 762H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

MELAMINE CHIPBOARD TOP OPTION :



BEECH



CHERRY



MAPLE



LIGHT GREY

PEDESTAL DESK



PD 105

Description :
5' Double Pedestal Desk
(Black Linoleum Top)

Dimension :
1524W x 762D x 762H (mm)

PD 106

Description :
5' Double Pedestal Desk
(Melamine Chipboard Top)

Dimension :
1524W x 762D x 762H (mm)



PD 107

Description :
4' General Purpose Table
with Centre Drawer
(Black Linoleum Top)

Dimension :
1220W x 762D x 762H (mm)

PD 108

Description :
5' General Purpose Table
with Centre Drawer
(Black Linoleum Top)

Dimension :
1524W x 762D x 762H (mm)



PD 113

Description :
4' Utility Table
(Black Linoleum Top)

Dimension :
1220W x 762D x 762H (mm)

PD 114

Description :
5' Utility Table
(Black Linoleum Top)

Dimension :
1524W x 762D x 762H (mm)

COLOUR OPTION :



LIGHT GREY



BEIGE



2 TONE
(BEIGE + BROWN)

MELAMINE CHIPBOARD TOP OPTION :



BEECH



CHERRY



MAPLE



LIGHT GREY



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