



FIT-RIGHT[®]
SINCE 1968



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PALLET RACKS & LONG SPAN SHELVING RACKS

Product Catalogue

www.fitright.in



Manufacturer / Wholeseller/ Distributor

FIT-RIGHT makes your life organised and easy with its expertise in the field of racking and storage systems, our core focus is Developing and manufacturing quality components/ products used in storage systems and allied industries.

OUR CAPABILITIES :

MANUFACTURING :

- Best in class manufacturing technology deployment that includes Multiple Roll Forming lines to form various components .
- Automated Powder Coating line and Semi automated Welding Automation systems.
- We have one of the largest manufacturing capacity in India with high flexibility and capability to execute large projects and offer customised solutions as per the needs of the customers in domestics as well as international markets.
- We have the capability to powder coat single piece up to 12 meters in length, which is the best offer in this part of the world.

QUALITY ASSURANCE :

- The raw material used for the manufacturing is subjected to sample test as per plan to ensure that the same is as per requirement. This is over and above the test certificates, which are provided by the steel manufacturer.
- The steel used is certified for its chemical composition by respective chemical analysis and the mechanical properties like yield-strength by standard physical testing methods.
- The powder meant for finish is tested for its chemical and physical properties for every batch.
- The fasteners also undergo random sampling tests for its dimensions.
- We have well established in-process and final quality test methods to ensure that all the products manufactured as per Highest quality standards which is benchmarked with International offerings.
- These components, which are manufactured to exacting standards and are finished with superior finish are packed properly for road/rail worthy packing, and are carefully transported to avoid transit damages of the products and reach site in factory condition & good quality.

DESIGN EXCELLENCE:

- Our Design capability with global benchmarks provide efficient as well as customised solutions for all customer applications utilising advance technologies, knowledge base and understanding of industry applications.
- All our components are designed to the best quality standards conforming to the current Indian Standards and are also in line with the guidelines/standards enumerated in RMI and SEMA
- Our solutions are also tested through FEA for structural rigidity and safety thus producing designs, which are safe and efficient. Our design analysis and development activities are well supported by advanced software packages like, ANSYS, IDEAS, SOLID WORKS and AUTO-CAD .
- Continuous Product improvements and new product development utilising exclusive prototyping facilities and academic industry partnerships makes us a unique player in this field with an ability to cater to wider spectrum of industries and applications.



REACH & DISTRIBUTION:

The guiding principle at FIT-RIGHT is customer service and all our efforts are directed towards achieving highest standards of the same. Our products are backed by a very strong company sales and service establishments throughout the country as well as in strategic export markets.

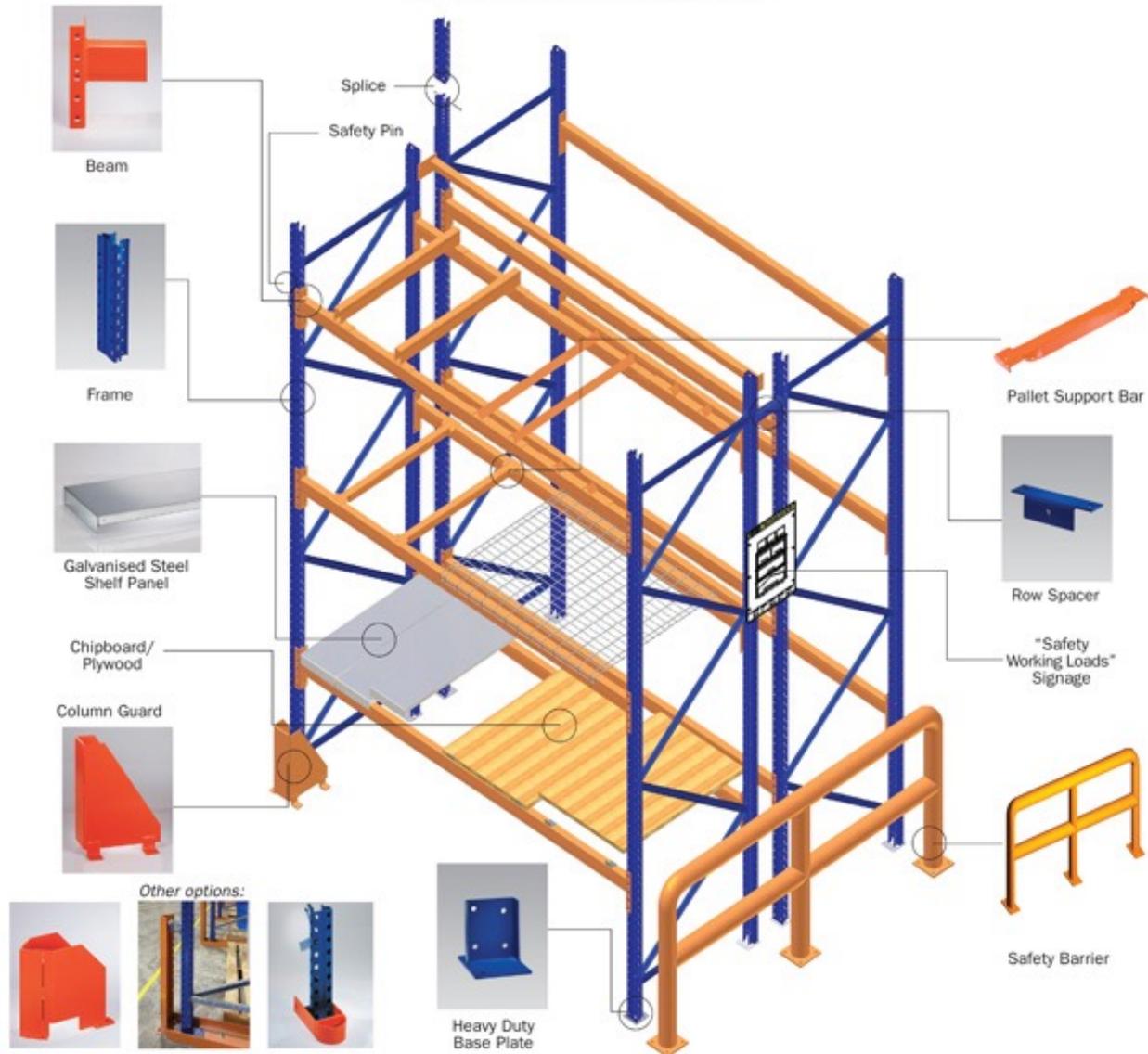
FIT-RIGHT has been delivering storage racks, warehousing solutions and material handling solutions to various DEALERS/ MANUFACTURERS / TRADERS across India. We design, manufacture, deliver, provide after sales service and support for all the products delivered.

The map and the statistics below show the reach FIT-RIGHT has achieved in the respective states in the last 5 year and growing .



PALLET RACKING SYSTEM / LONG SPAN SHELVING SYSTEM (HEAVY DUTY / LIGHT DUTY)

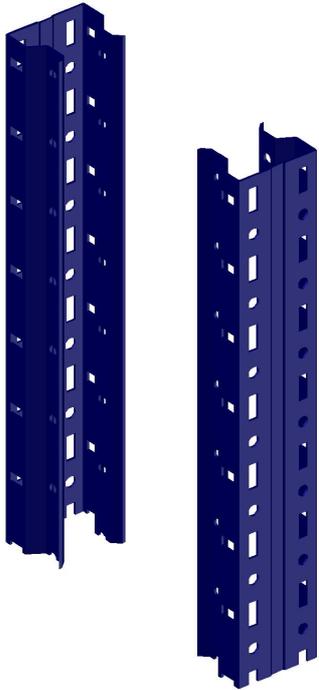
Interlock 600



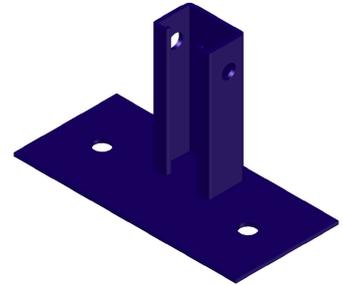
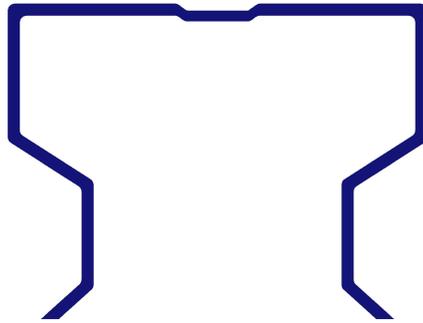
Our exclusive range of Heavy Duty Storage Racks / Palletised Racking is designed in a special 10 fold / 12-fold profile upright. The innovative and dynamic design of these components serves a range of industrial storage Racking requirements combined with high standards of technical excellence and quality

The assortment of racks made out of our exclusive components is highly appreciated by the clients for their flexibility, stability, rigidity and ease of assembly .

HEAVY DUTY / LIGHT DUTY PALLET RACKS / LONG SPAN SHELVING RACKING SYSTEMS COMPONENTS :

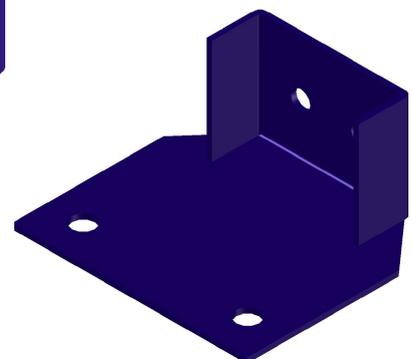
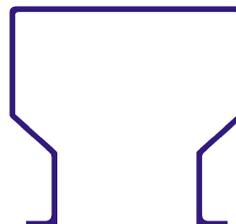
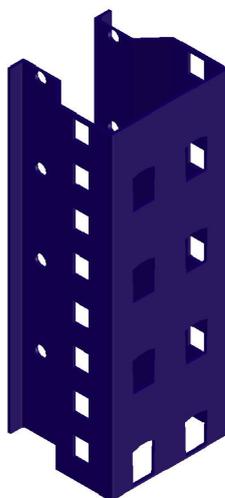
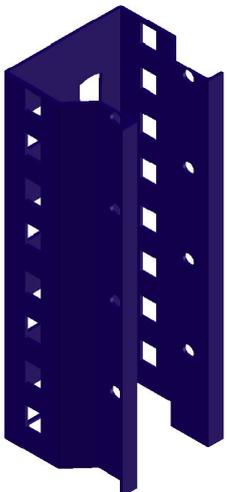


UPRIGHT



LIGHT DUTY UPRIGHT SIZE : 61MMX47MM (10 bend)

- AVAILABLE THICKNESS : 1.6MM/1.8MM
- AVAILABLE LENGTH - UP TO 6 MTRS
- LOAD / FRAME : UPTO 5000 KGS / 3 MTR HT X 1000MM HT FRME
- SUITABLE FOR : Light /Medium Duty Racks / Light/Medium Duty Long Span Shelving Racks/ Multi Tier Long Span Racks

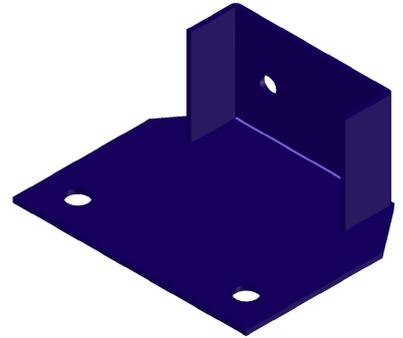
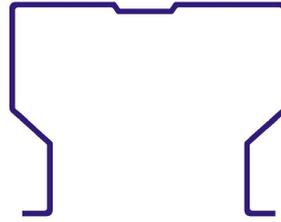
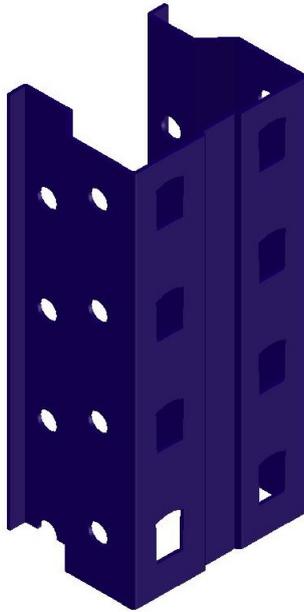
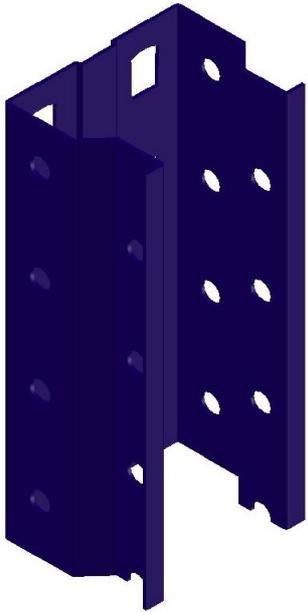


MEDIUM DUTY UPRIGHT SIZE : 75X70 (10 bend)

- AVAILABLE THICKNESS : 1.6MM/1.8MM
- AVAILABLE LENGTH - UP TO 10 MTRS
- LOAD / FRAME : UPTO 10,000 KGS / 10MTR HT X 1000MM HT FRME
- SUITABLE FOR : Medium Duty Pallet Racks / Medium Duty Long Span Shelving Racks Racks

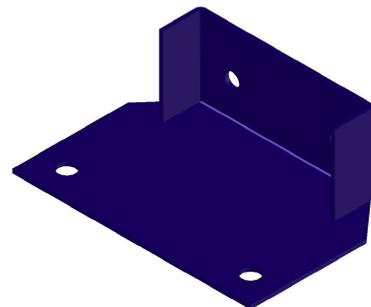
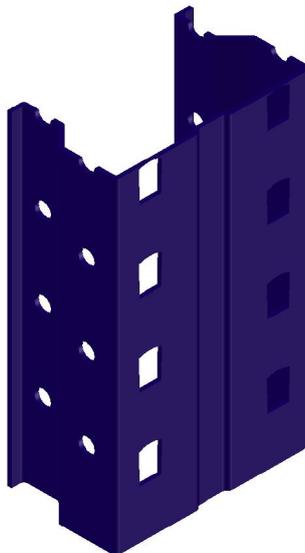
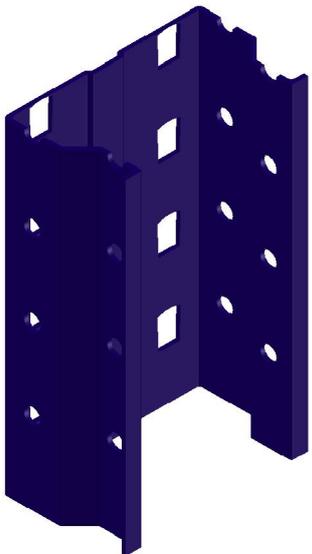


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Heavy Duty Upright SIZE : 90X70 (12 bend)

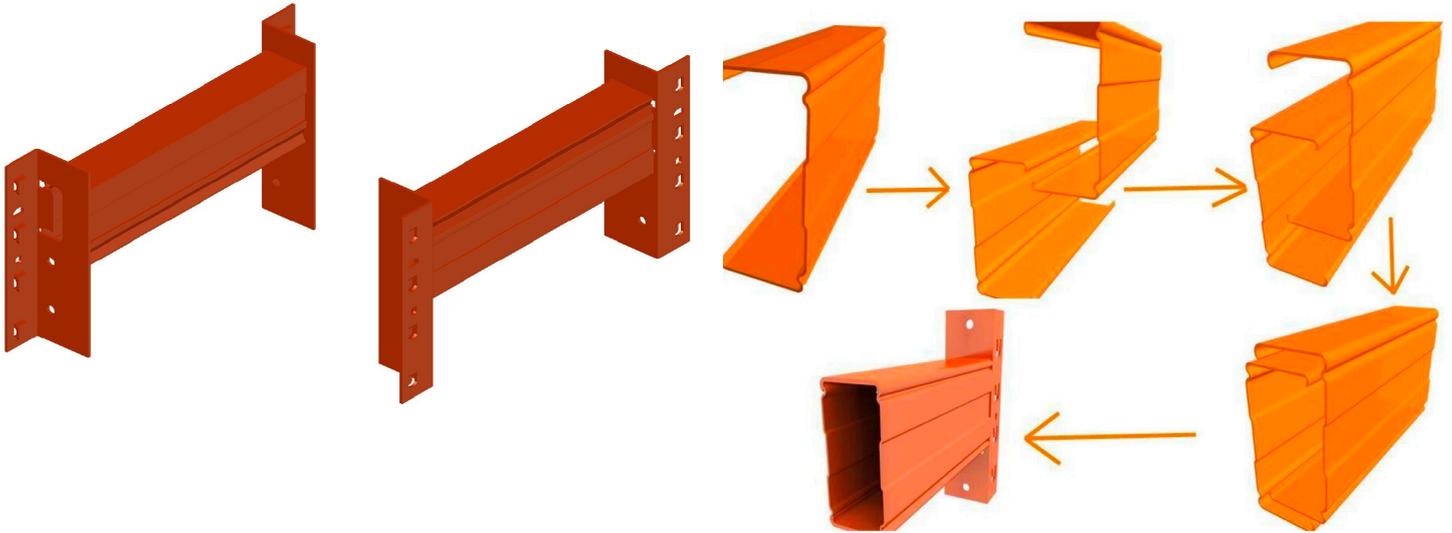
- AVAILABLE THICKNESS : 1.6MM/1.8MM
- AVAILABLE LENGTH - UP TO 12 MTRS
- LOAD / FRAME : UPTO 15,000 KGS / 12MTR HT X 1000MM HT FRME
- Suitable for : Heavy Duty Pallet Racks / Heavy Duty Long Span Shelving Racks



EXTRA Heavy Duty Upright SIZE :120 X70 (12 bend)

- AVAILABLE THICKNESS : 1.8MM/ 2.5mm
- AVAILABLE LENGTH - UP TO 12 MTRS
- LOAD / FRAME : UPTO 20,000 KGS / 12MTR HT X 1000MM HT FRME
- Suitable for : EXTRA Heavy Duty Pallet Racks / EXTRA Heavy Duty Long Span Shelving Racks

INTERLOCKING BEAMS :



Interlocking beams are sections made out of CRCA / HR Steel Via Roll Forming Process and then INTER- LOCKED into one another making the beams strong enough to carry the designed weight , These beams are welded at both ends with 3 /4 Lip connectors designed to be fixed in the selected Upright .

Below Given Are The Standard Available Beam Sizes With its Load Bearing Capacity :

LOAD CHART FOR BEAMS

(load to be considered in pairs and not individual)

LENGTH OF THE BEAM

	1500MM	1800MM	2000MM	2300MM	2500MM	2700MM	3000MM	3300MM
60X50X1.6MM THICK	2000 KG	1700 KG	1600 KG	1400 KG	1000 KG	700 KG	500 KG	350 KG
80X50X1.6MM THICK	3300 KG	2300 KG	1786 KG	1440 KG	1200 KG	1000 KG	800 KG	650 KG
100X50X1.6MM THICK	5200 KG	3700 KG	3100 KG	2600 KG	2000 KG	1900 KG	1350 KG	1100 KG
120X50X1.6MM THICK	/	5800 KG	4600 KG	3800 KG	2850 KG	2300 KG	1990 KG	1600 KG
140X50X1.6MM THICK	/	6800 KG	5200 KG	4400 KG	3200 KG	2750 KG	2100 KG	1900 KG
150X50X1.6MM THICK	/	7200 KG	5900 KG	4800 KG	3650 KG	3200 KG	3000 KG	2400 KG

Note : the above beams can be modified as per the customers need and load bearing capacity , the beams can be manufactured in different thickness like 1.8mm , 2mm , 2.5mm thick if required .

INTERLOCKING BEAMS (BEAM FOR DECK PANEL USE) :

Beams are differently designed for the purpose of fixing deck panels as a covering on top of the beams , these type of racks are also known as **LONG SPAN SHELVING RACKS** .

There are 2 types of deck panes that can be manufactured (1)Internal Decking & (2) Over Lip Decking

The selection of the deck panel depends upon the load / level that the structure is designed for .you can choose any deck panel along with its suitable beams .

The list of the suitable deck panel along with its suitable beam is given below:

A- INTERNAL DECKING : In this type of system you require a STEP BEAM which has a “L” angle on the top surface of the beam allowing the deck panel to Sit/Rest internally . Below given are the available beams for the above

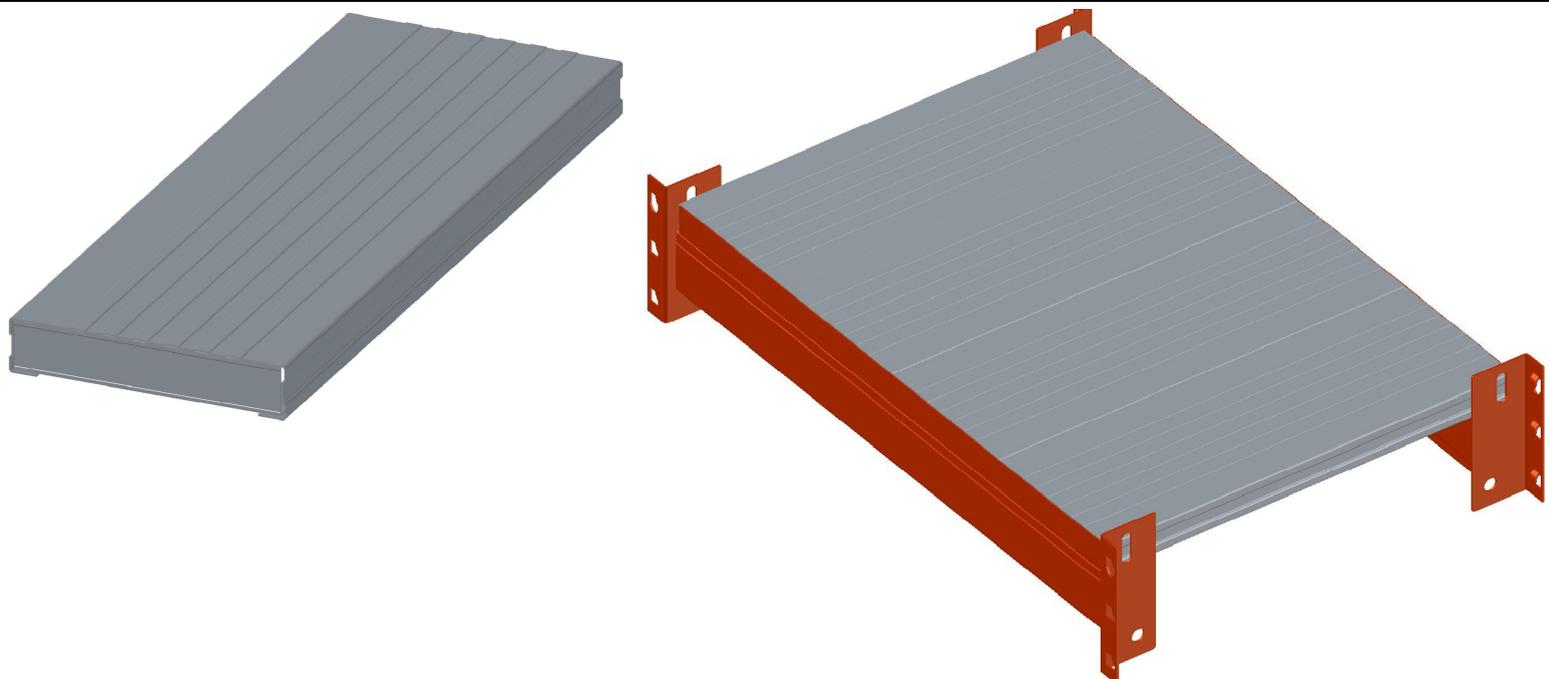
A- Deck Panel Size : 1000mm/1200mm/1500mm deep x 150mm / 225mm wide x 0.80mm/ 0.90mm/1mm thickness with grooves in it to carry extra load.

LOAD CHART FOR BEAMS

(load to be considered in pairs and not individual)

LENGTH OF THE BEAM

BEAM TYPE	SPECIFICATION	1500MM	1800MM	2000MM	2300MM	2500MM	2700MM	3000MM
BEAMS 3 LIP(FOR UPRIGHT 61x47)	50x40x1.6	400 KG	500 KG	400 KGS	300 KG	300 KG	250 KGS	200 KGS
BEAMS 3 LIP(FOR UPRIGHT 61x47)	70x40x1.6	900 KG	700 KG	600 KG	600 KG	450 KG	400 KG	300 KG
BEAMS 3 LIP(FOR UPRIGHT 61x47)	90x40x1.6	1200 KG	1000 KG	850 KG	700 KG	600 KG	500 KG	400 KG
BEAMS 3 LIP(FOR UPRIGHT 61x47)	95x45x1.6	1350 KG	1100 KG	950 KG	800 KG	650 KG	600 KG	500 KG
BEAMS 3 LIP(FOR UPRIGHT 61x47)	110x45x1.6	1500 KG	1300 KG	1200 KG	1000 KG	900 KG	800 KG	750 KGS
BEAMS 3 LIP(FOR UPRIGHT 61x47)	130x45(HD)x1.6	2200 KG	2000 KG	1800 KG	1700 KG	1600 KG	1500 KG	1200 KGS



B- OVER-LIP DECKING : In this type of system you require a STANDARD BEAM which is the same beams used for pallet racking system , the deck panel sits above the beams with a lip in the front & back , this type of Deck Panel System is highly recommended when you want to use your racking system for a multi purpose (pallet storage and deck panel storage).

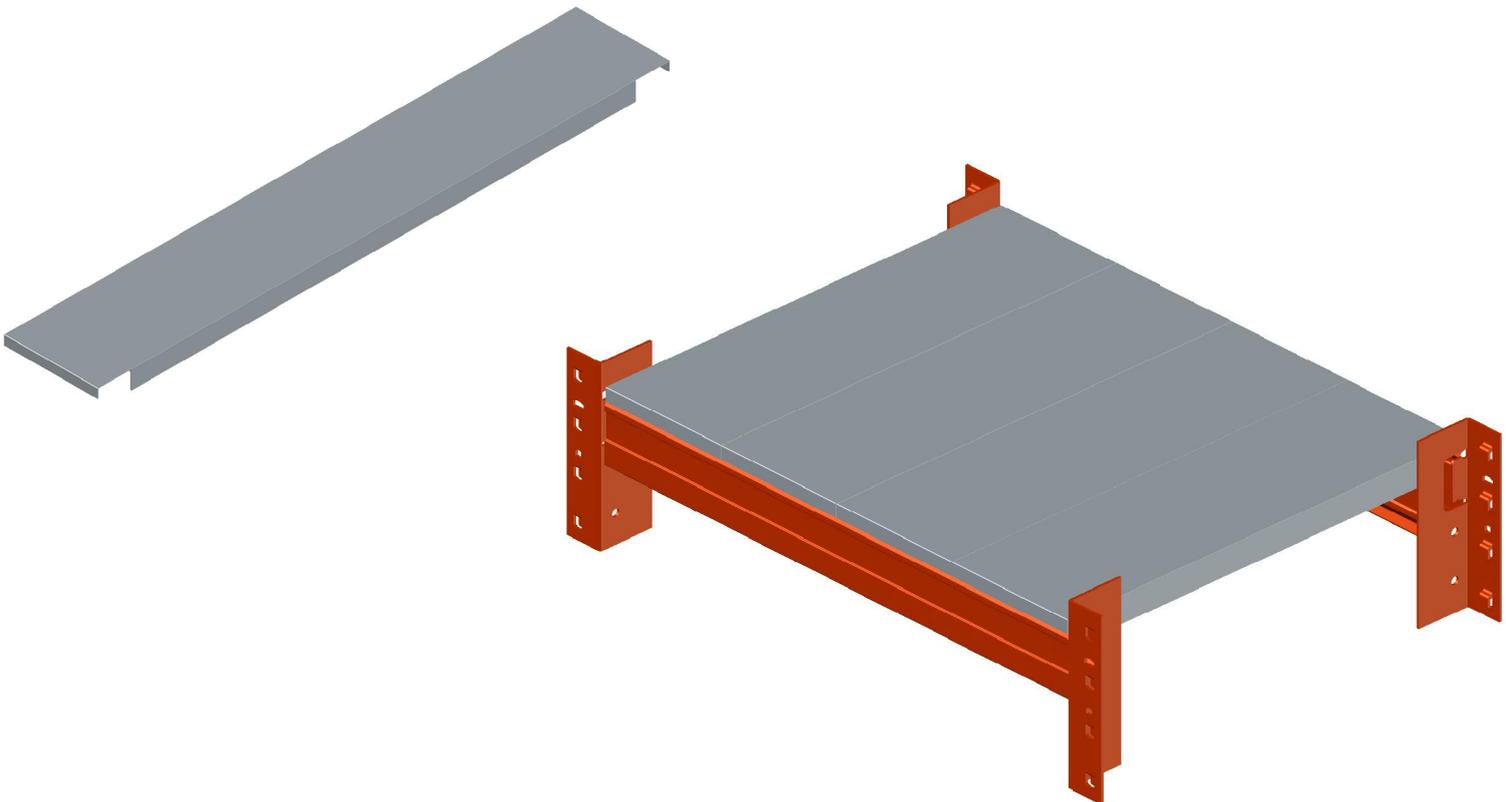
B- Deck Panel Size : 1000mm/1200mm/1500mm deep x150mm/225mm wide x0.80mm/0.90mm/1mm thickness with front & back Lip.

LOAD CHART FOR BEAMS

(load to be considered in pairs and not individual)

LENGTH OF THE BEAM

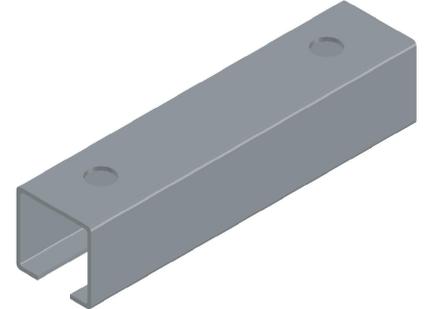
BEAM TYPE	SPECIFICATION	1500MM	1800MM	2000MM	2300MM	2500MM	2700MM	3000MM	3300MM
Beams 4 lip (for upright 75x70/90x70/120x70)	60x50x1.6	2000 KG	1700 KG	1600 KG	1400 KG	1000 KG	700 KG	500 KG	350 KG
Beams 4 lip (for upright 75x70/90x70/120x70)	80x50x1.8	3300 KG	2300 KG	1786 KG	1440 KG	1200 KG	1000 KG	800 KG	650 KG
Beams 4 lip (for upright 75x70/90x70/120x70)	100x50x1.8	5200 KG	3700 KG	3100 KG	2600 KG	2000 KG	1900 KG	1350 KG	1100 KG
Beams 4 lip (for upright 75x70/90x70/120x70)	120x50x1.8	/	5800 KG	4600 KG	3800 KG	2850 KG	2300 KG	1990 KG	1600 KG
Beams 4 lip (for upright 75x70/90x70/120x70)	140x50x1.8	/	6800 KG	5200 KG	4400 KG	3200 KG	2750 KG	2100 KG	1900 KG
Beams 4 lip (for upright 75x70/90x70/120x70)	150x50x1.8	/	7200 KG	5900 KG	4800 KG	3650 KG	3200 KG	3000 KG	2400 KG



PALLET RACK / LONG SPAN SHELVING RACKS ACCESSORIES

1- Cross / Diagonal Bracing :

Bracings are the most important accessory which is used for making upright frames , different upright's have different bracing size & thickness , these bracings are Roll Formed Sections and are designed to distribute the load that comes on the frames.



2- Column Guards : Column Guards used for protecting the uprights , these are available as per the size of selected upright & Frame , these guards protect the uprights from being damaged by Collision keeping the racks safe .



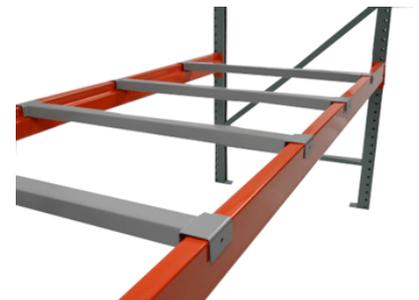
3- Frame Guards : These guards are made and fixed on the side of the upright frames , these guards protect the frames from collision and direct damages to the frames .



4-Pallet Stoppers : Pallet Stoppers are used in the back of the racks In-between the Frames so that Pallets don't fall down from the back



5- Pallet Support Bars / Skid Bars : Pallet support bars are used in the base of the racks In-between the beams so that different kinds of pallets can be used



6- FRAME SPACER/ WALL CONNECTOR : Frame Spacer / wall connectors are supports that are given to the upright frames , these are standard in size and advisable to be used in every racking project as Frame Spacers holds the frames while the wall connectors gives additional supports from the walls





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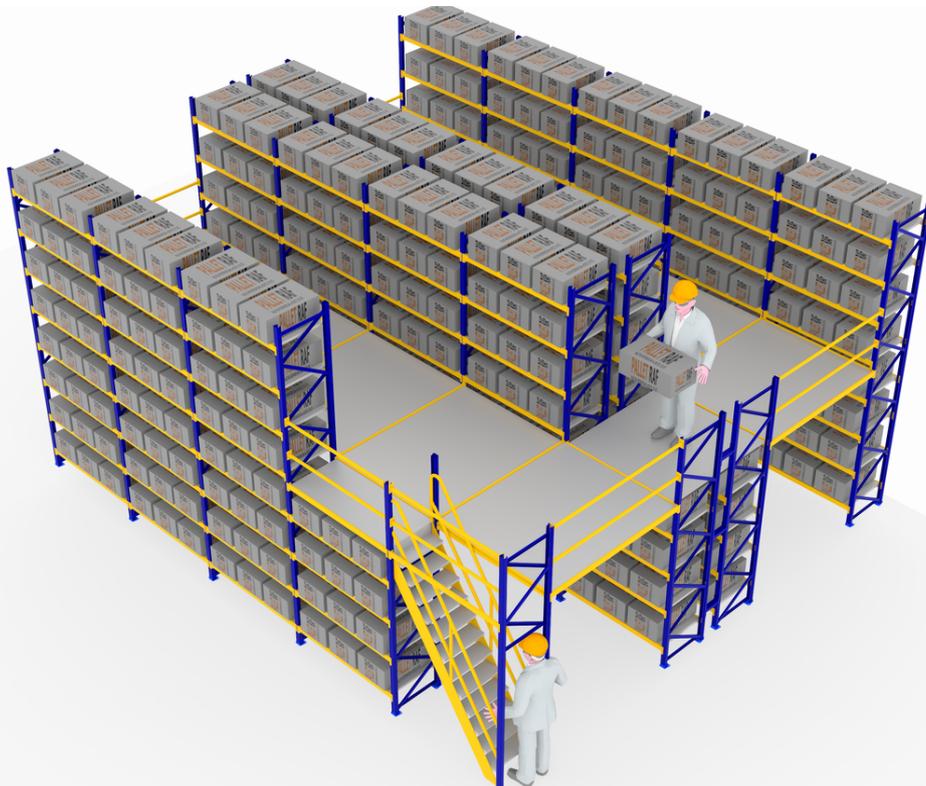
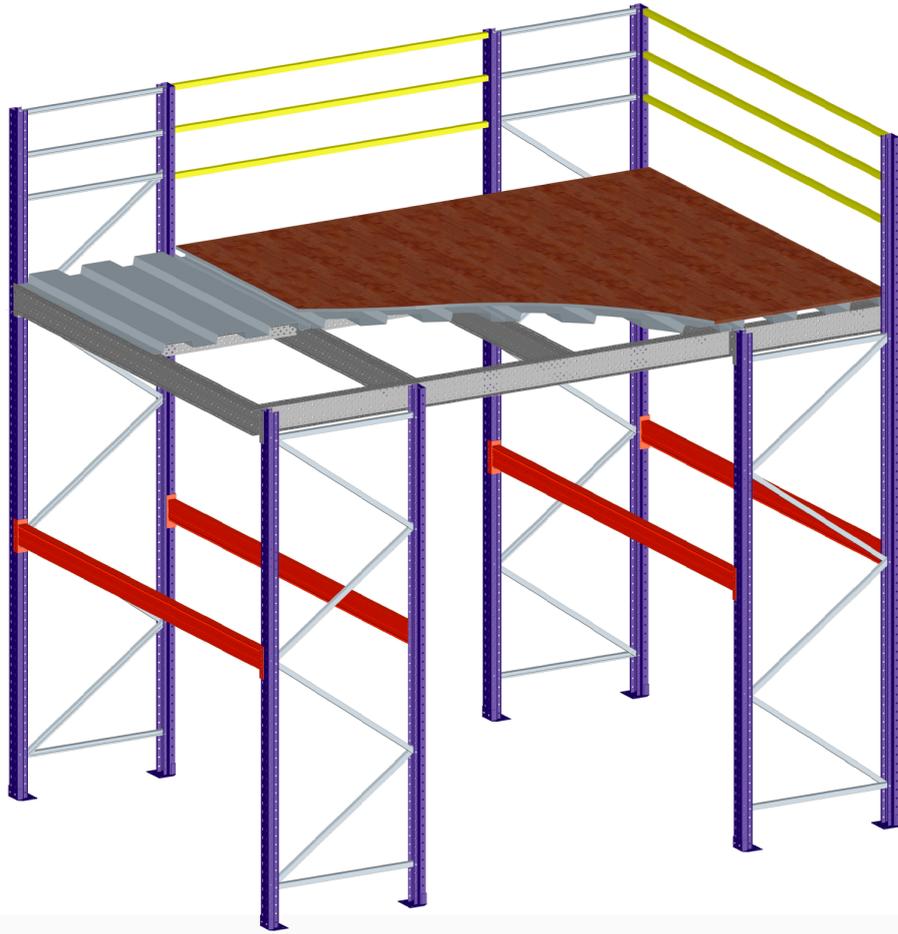
**BELOW GIVEN IS THE LIST OF PRODUCTS THAT CAN BE MADE
COMBINING THE ABOVE GIVEN COMPONENTS :**

- 1- PALLET RACKS
 - 2- HIGH RISE PALLET RACKS
 - 3 - HEAVY DUTY PALLET RACKS
 - 4- LIGHT DUTLY LONG SPAN SHELVING RACKS
 - 5- MEDIUM/HEAVY DUTY LONG SPAN SHELVING RACKS
 - 6- MULTI TIER RACKING SYSTEM
 - 7- RACK SUPPORTED MEZZANINE FLOORS
- And many more customised storage systems ...





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CONTACT US

FIT-RIGHT STORAGE SYSTEMS

**H.O. - 209-A , C-WING , 2ND FLOOR GOKUL IND.ESATE , SAGBAUG ,
MAROL CO-OP IND AREA , ANDHERI EAST , MUMBAI - 400059**

**WAREHOUSE - C/O- TANAY LOGISTICS SERVICES, BHUMI WORLD BLDG
NO C-10 GALA NO 7, PIMPLAS VILLAGE, MUMBAI NASHIK HIGHWAY ,
NEAR KALYAN NAKA PIMPLAS, BHIWANDI 421302**



+91-22-28598478 / 28564269



+91-9820589554



fitrightindia@gmail.com



+91-9820589554



www.fitright.in