



ISO 9001 : 2015



**One Stop Solution in
Industrial Racking Systems**

<http://www.uniqueracks.in/ProductsGallery.aspx>



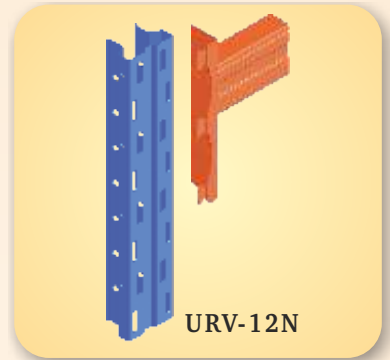
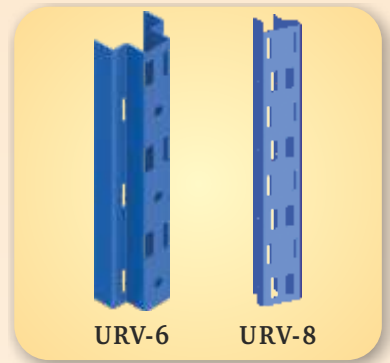
PATENTED Two Directional Design Arrangements : Our Speciality

We have pioneered the launch of locking of load beams to Upright in two different planes (x and y axis) in India. This designs ensures stability, strength and safety: while providing simplicity of operations and it is proven by zero defect performance for past 25 years. Our two directional locking has been widely appreciated by all users.

Salient features of "Unique Racks"

We follow IS standard 800/801 for structural design of all sections (rack members) and FEM standard as operating standards. Our section designing is also approved by BUREAU VERITAS

- ◆ Raw material - steel grade FE410 / ST-34 - DD quality suitable for roll forming, conventional forming, punching, Make - Jindal/Tata/Uttam
- ◆ Racks are designed at 1.75 Safety factor against minimum required as 1.55 ,hence our sections might be slightly over designed if compared with others. However we ensure the better life of products supplied by us despite of rough handling culture.
- ◆ Load beam deflection at the center at designed load does not exceed SPAN/300 against allowable SPAN/200 and Vertical columns are designed at a safety factor of 2.
- ◆ a) The Upright sections are formed on a purpose to built in to a special "Unique" section. The front as well as back face of the profile is punched with twin slots at 130mm pitch to accommodate the end connectors. No of bends in vertical sections varies from 6 to 12 nos depending on the requirements
- ◆ b) Load beams are fabricated from twin rolled profiles interlocked to form a rectangular box section and welded at each end to a compatible steel connectors, to effect the attachment to the upright frame.
- ◆ c) End Connector - All beams have a TWO DIRECTIONAL 5 hook end connector. The end connectors have a high degree of fixatives and is self locking types.
- ◆ Quality Assurance -Test certificates for steel procured, structural design certifications, process inspection, pretreatment and coating check, Installation check by practical load test and Installation certificate
- ◆ TURN-KEY SOLUTION - Designing of warehouse and selection of PALLETS, RACKS AND MHE - FROM CONCEPT TILL COMMISSIONING Certifications
- ◆ ISO 9001:2015 and Patent registration for TWO DIRECTIONAL LOCKING from Govt. of India



Have received repeat orders from all our clients.
" ONCE A CLIENT, ALWAYS A CLIENT"

SOME OF OUR MAJOR CLIENTS



SELECTIVE PALLET RACKING SYSTEM



Heavy and Medium duty customised racks wherein Load is kept on the pallet which is handled by a MHE to utilize maximum available height. It allows the access to each and every pallet stored on racks.

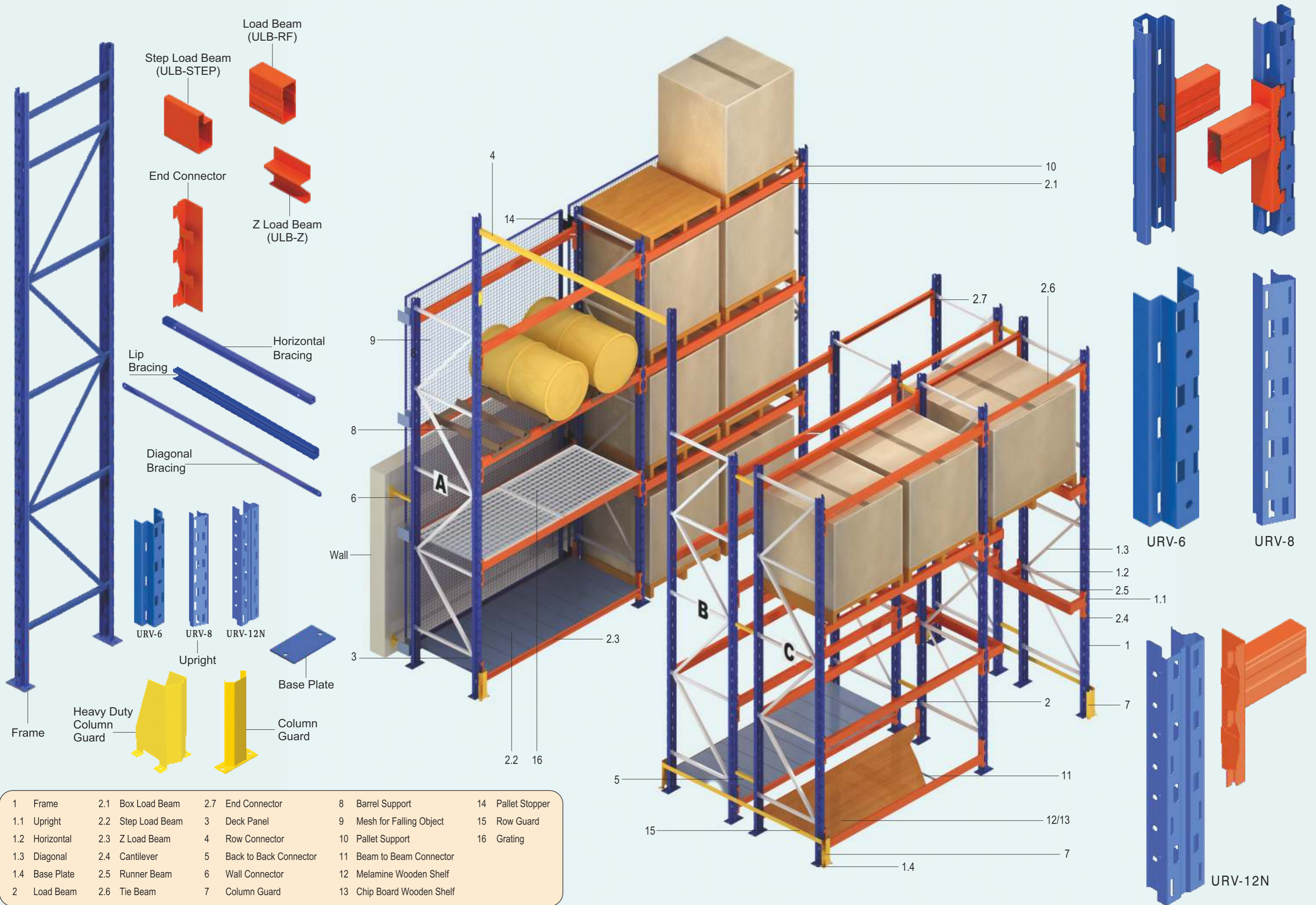
UNIQUE has commissioned SELECTIVE PALLET RACKS in VERY LARGE VOLUMES with max height up to 12 meter and max load/level up to 5000 Kgs.

MULTI TIER RACKING SYSTEM



Heavy, medium and light duty customized shelving systems with a provision of catwalks/mezzanine at every 2.5m height to utilize heights available in the warehouse/store wherein person can go up by staircase and goods can be handled through goods lift/MHE/Trolleys. Span of racks can be max upto 3m

UNIQUE has commissioned up to Ground + 3 tier racks upto 12m height with provision of goods lift, staircases and chutes.



1	Frame	2.1	Box Load Beam	2.7	End Connector	8	Barrel Support	14	Pallet Stopper
1.1	Upright	2.2	Step Load Beam	3	Deck Panel	9	Mesh for Falling Object	15	Row Guard
1.2	Horizontal	2.3	Z Load Beam	4	Row Connector	10	Pallet Support	16	Grating
1.3	Diagonal	2.4	Cantilever	5	Back to Back Connector	11	Beam to Beam Connector		
1.4	Base Plate	2.5	Runner Beam	6	Wall Connector	12	Melamine Wooden Shelf		
2	Load Beam	2.6	Tie Beam	7	Column Guard	13	Chip Board Wooden Shelf		

LONG SPAN SHELVING RACKING SYSTEM



Light, Medium and heavy duty customised racks wherein handling of products is manual. Load carrying capacity is from 100 Kg - 2000 Kgs per level. It has excess to each and every items stored on racks.

UNIQUE has commissioned LONG SPAN SHELVING RACKS in LARGE VOLUMES

MEZZANINE FLOORING SYSTEM



Customised, Self supported modular structure from formed sections with galvanised/ powder coated deck panels as flooring with provisions of staircase, lift, chute and railings. Standard load carrying capacity of the floor is 500 kgs/sq.m.

UNIQUE has commissioned mezzanines of 2.2m - 4m height from ground in LARGE VOLUMES

GROUND + 1 TIER SHELVING RACKING SYSTEM



ROLL STORAGE RACKING SYSTEM



DRIVE-IN RACKING SYSTEM



Customised racks with depth wise storage of pallets on cantilever runner beams. It works on LIFO principle only. It gives maximum utilization of space. UNIQUE has commissioned upto G+5 racks with 10 deep pallets.

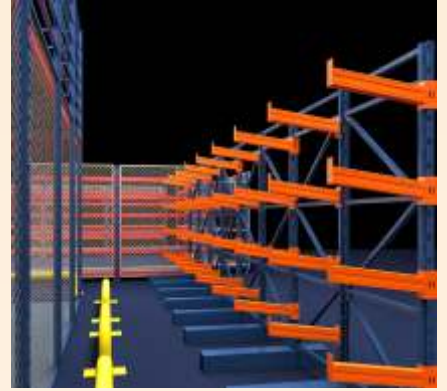
MULTI DEEP RACKING SYSTEM



Customised racks with depthwise storage of pallets on cantilever runner beams with remote operated radio shuttle (pallet mover). It too works on LIFO and gives max utilization of space.

UNIQUE has commissioned MULTI TIER RACKS up to 7 deep pallets.

CANTILEVER RACKING SYSTEM



Customised racks for the storage of long sections, can be handled manually or by MHE. UNIQUE has commissioned up to G+7 cantilever racks.

SELF SUPPORTED WAREHOUSE



A self-supporting system is a system that integrates the shelf as a supporting structure of the whole construction. All pallet racking storage systems (be they conventional, drive-in, dynamic, etc.) can be converted into self-supporting systems by adding the appropriate elements to support walls and roof, as well as all the rest of the installations and accessories required for the correct operation of the construction. Self-supporting warehouse advantages. Large storage capacity at high altitude. Execution time and cost maximisation without any need for prior building construction.



Plant 1 is located on Vasai Road - 35 Kms from Mumbai City & Plant 2 is located in PUNE, CHAKAN (MIDC) - 30 kms from Mumbai-Pune Express Highway (Talegaon Toll Plaza).

Both the plants have in-house facility including Roll Forming, Shearing, Bending, machines MIG Welding Plants, Finishing Process, Pre-treatment and Powder Coating Plants.



UNIQUE ENGINEERS

Industrial Storage & Handling Solutions

UNIQUE RACKS

Registered Office : 33, Kohinoor Ind. Estate, Near Virwani Indl. Estate, Opp. Western Express Highway, Goregaon (East), Mumbai - 400 063. INDIA

Plant 1 : Unit No. 3/4/5, Sutirth, Sagar Signature Complex, Waliv Phata, Village Waliv, Vasai (East), Dist. Palghar - 401 208. Tel.: +91-84840 88498

Plant 2 : Gut No. 309/2, Kuruli Murhewasti, Chakan MIDC, Taluka- Khed, Dist - Pune - 410501. INDIA.

Tel.: 022 6695 1861 / 022-2927 1023 E-mail: sales@uniqueracks.in, unengineers@gmail.com, unique@uniqueracks.in, www.uniqueracks.in

