

TEARDROP PALLET RACK



SAVE TIME. SAVE SPACE.

TEARDROP

TEARDROP PALLET RACKING



The Teardrop racking system is one of the most widely used and standardized storage solutions in the U.S., featuring teardrop-shaped perforations in the uprights for quick and secure assembly. Its efficiency and ease of use make it a preferred choice for businesses seeking adaptable storage solutions.

AR Racking designs and manufactures its Teardrop racking systems with this universal configuration, ensuring compatibility with a wide range of storage components. Its versatility allows companies to integrate it seamlessly into both existing and new warehouse operations.

To meet various customer needs, AR Racking offers both Teardrop and slotted racking systems, providing flexible and optimized storage solutions tailored to different industries and warehouse sizes.

Description

Teardrop racking is highly popular due to its distinctive design, which facilitates easy installation and adjustment of the beams.

The system's robust structure, combined with its versatility, makes it the ideal choice for industries looking to optimize storage space and adapt to evolving market conditions.

Beams are inserted into the perforations of the uprights, with a safety pin securing them in place. This design not only ensures stability and safety but also allows for quick and simple adjustments to accommodate changing inventory or operational needs.

The system's ease of assembly and adjustability make it an ideal solution for companies that require flexible, scalable, and efficient racking systems. Teardrop racking systems are an economical option that supports the evolving needs of businesses and warehouses.



How does it work?

The Teardrop Pallet Rack system operates through a simple yet effective design. The upright frames feature teardrop-shaped holes at regular intervals, allowing horizontal beams to lock securely in place using specially designed hooks. This boltless system eliminates the need for extra hardware, simplifying installation. Once locked into place, the beams create a solid framework capable of supporting heavy loads, all while maintaining structural stability.



Additionally, this design allows for easy height adjustments, letting users reposition the beams to accommodate different pallet sizes or storage configurations. The flexibility of the system makes it ideal for fast-paced environments that require frequent modifications. The boltless design also speeds up system reconfigurations and expansions, enabling businesses to optimize their warehouse layout quickly with minimal downtime.

Advantages

- **Standard Design:** The Teardrop system is compatible with a wide variety of manufacturers in the U.S. market, making it an ideal choice for integrating with existing storage solutions or new projects.
- **Flexibility:** Its modular design allows for easy height adjustments and configuration changes, maximizing vertical storage space and adapting to different sizes or types of goods.
- **Compliant with U.S. standards:** Meets the necessary quality and safety requirements in the U.S.
- **Quick Reconfigurations:** The system can be rapidly reconfigured to respond to changes in inventory, improving operational efficiency.
- **Versatile Application:** Suitable for nearly any industry, including logistics, distribution, retail, and manufacturing.
- **Stable and Safe:** The system's locking mechanism ensures secure connections between the beams and uprights, minimizing the risk of dislodging or collapse, enhancing safety in the workplace.
- **Quick and Easy Assembly:** The straightforward design makes installation fast and ensures the system remains stable over time.

Main components of a Teardrop Pallet Racking system

The key components of the Teardrop racking system can be customized based on each specific configuration, but the core elements include:



Frames

The frames are the essential components that provide structural resistance in Teardrop racking systems. Frames are manufactured from galvanized steel and are designed to withstand the weight of the stored goods that are being carried by the beams and the loads imposed by the material handling equipment.

The teardrop-shaped holes, with a 2" pitch in between, facilitate the adjustment of the loading levels according to the user's requirements.

Beams

These are the horizontal components that connect the uprights and support the pallets or goods. The beams feature specially designed connectors that securely fit into the teardrop perforations of the uprights.

Additionally, a safety clip on the connectors serves as a mechanical lock, preventing accidental disconnections and ensuring that the beams remain firmly attached to the uprights.

AR SHUTTLE



AR DRIVE IN



AR LS



AR MULTITIER



AR UNITLOAD RACK



AR MOBILE



AR LIVE STORAGE



AR SILO CLAD RACK



AR PAL



AR MINILOAD RACK



AR RACKING

T +1 (984) 286-7223

f in X O

AR Racking Inc.

3540 Toringdon Way, Suite 200 Office
#234 Charlotte, North Carolina - 28277
Tel. +1 (984) 286-7223
www.ar-racking.us

AR Racking Canada

350 7th Avenue SW, Suite
3400, Calgary,
T2P3N9 - Alberta
www.ar-racking.com

Head Office & Technological Centre

Parque Tecnológico de Euskadi
Campus Zamudio/Derio, Kanala Bidea,
edificio 105 - 1ªA
48170 Zamudio (Bizkaia) Spain
Tel. +34 944 317 941
Fax +34 944 317 838

Production centre

Pol. Ind. Montes de Cierzo,
Autovía A68, KM 86
31500 Tudela (Navarra) Spain
Tel. +34 948 844 480
Fax +34 948 844 420



AR RACKING WORLD WIDE OFFICES

Discover all of our delegations:



**FAST SHIPPING
FROM OUR GA
WAREHOUSE!**