Atlanta Pallet Rack
Industrial Storage Solutions Provider

Contact Us:
678.534.0450
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1335 Industrial Blvd NW, Conyers, GA 30012
www.atlantapalletrack.com
Features & Benefits

Teardrop (Adjustable on 2” Centers)

Keystone (Adjustable on 3” Centers)

Structural

- High Strength Steel
- Roll Formed & Structural Profiles
- All Welded Construction
- Rigid Connections
- Interchangeable Connections
- Quick & Easy Assembly

- Stock Most Racks for Immediate Requirement
- Wide Variety of Sizes and Capacities
- Powder Coated Finish
- Made in USA

Beam Connections

Atlanta Pallet Rack | 866.593.7366 | atlantapalletrack.com
Specifications

ROLL-FORMED STEP BEAM CAPACITIES (LBS. PER PAIR)

<table>
<thead>
<tr>
<th>BEAM LENGTH (INCHES)</th>
<th>3 BEAM 16 GA</th>
<th>3½ BEAM 16 GA</th>
<th>4 BEAM 16 GA</th>
<th>4½ BEAM 16 GA</th>
<th>5 BEAM 16 GA</th>
<th>5½ BEAM 16 GA</th>
<th>6 BEAM 16 GA</th>
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</thead>
<tbody>
<tr>
<td>92&quot;</td>
<td>3,300</td>
<td>4,300</td>
<td>5,400</td>
<td>6,400</td>
<td>7,400</td>
<td>8,500</td>
<td>9,700</td>
</tr>
<tr>
<td>96&quot;</td>
<td>3,000</td>
<td>4,000</td>
<td>5,200</td>
<td>6,100</td>
<td>7,100</td>
<td>8,200</td>
<td>9,300</td>
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<tr>
<td>108&quot;</td>
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<td>3,200</td>
<td>4,200</td>
<td>5,500</td>
<td>6,400</td>
<td>7,300</td>
<td>8,300</td>
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<tr>
<td>120&quot;</td>
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<td>2,600</td>
<td>3,500</td>
<td>4,500</td>
<td>5,700</td>
<td>6,600</td>
<td>7,500</td>
</tr>
<tr>
<td>132&quot;</td>
<td>1,200</td>
<td>2,200</td>
<td>2,900</td>
<td>3,800</td>
<td>4,800</td>
<td>5,900</td>
<td>6,700</td>
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<tr>
<td>144&quot;</td>
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<td>2,500</td>
<td>3,200</td>
<td>4,000</td>
<td>5,000</td>
<td>5,800</td>
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</table>

Beam Capacity Notes
- Capacities determined per ANSI MH16.1 2012 (RMI 2012) specifications.
- Capacities are based on uniformly distributed loads per pair of beam.
- Capacities are valid when beams are connected to APR frames.
- Deflection is based on product load only and is limited to Length/180.
- Design engineer must be consulted for loads of 10,000 lbs or more per beam pair.
- These capacities assume that all component parts used are (1) manufactured by APR, (2) in good condition, and (3) properly installed.
- Applicable for non-seismic use and static load only. Building codes and local jurisdictions may require otherwise.

Teardrop

UPRIGHT FRAMES CAPACITIES (LBS. PER PAIR)

<table>
<thead>
<tr>
<th>MAXIMUM VERTICAL BEAM SPACING</th>
<th>3&quot; x 1 3/8&quot; COL.</th>
<th>3&quot; x 3&quot; COL.</th>
<th>3&quot; x 3&quot; COL.</th>
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<tr>
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<td>33TDUF070</td>
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<tr>
<td>33KYUF070</td>
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<td>13,800</td>
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<tr>
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<td>11,300</td>
<td>12,300</td>
</tr>
<tr>
<td>33KYUF078</td>
<td>5,800</td>
<td>10,000</td>
<td>1,100</td>
</tr>
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</table>

Frame Capacity Notes
- Capacities determined per ANSI MH16.1 2012 (RMI 2012) specifications.
- Capacities for static loads only, including product load plus dead load (dead load = 2% of product load).
- Capacities based on unsupported length of column members and 44" frame panel height as provided.
- Capacities are only valid when used with APR beam sizes.
- Capacities are valid for static load only.
- Anchor(s) must be provided per ACI-318 Appendix D.
- "Spacing" is distance from floor to top of first beam level. If maximum opening is not floor level, "Spacing is distance from top of beam to top of beam + 1".
- These capacities assume that all component parts used are (1) manufactured by APR, (2) in good condition, and (3) properly installed.
- Applicable for non-seismic use only. Building codes and local jurisdictions may require otherwise.
- Contact your Atlanta Pallet Rack representative for design assistance or for application not covered by above.
Pallet Rack Accessories

- Wire Decks
- Row Spacers
- Shims
- Pallet Support
- Seismic Base Plates
- Anchor Bolts
- End of Aisle Rack Protectors
- The Collision Sentry: Warning System
- Pallet Rack Beam Clips
- Safety Bollards
- Safety Guard Rails
- Column Protectors
**Beam Length:** shelf length equals the distance between uprights.

It is determined by adding the widths of pallet loads plus a 5” side clearance between upright and pallet and 6” between pallet loads.

Shelf beam capacities are based on a pair of beams supporting an evenly distributed load.

**Rack Height:** add the following figures:

- Height of pallet loads (including pallet)
- + height of shelf beam
- + 4” minimum vertical clearance for each pallet load
- Sum of above dimensions = rack height

For uppermost load level, location of shelf beam should be 6” less than fork truck’s maximum lift height. Top of beams need to be at 2” increments.

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**Standard Color**

High-quality powder coated finishes for durability and rust resistance

- Green
- Orange
- Gray
- Blue
- Yellow

Contact Atlanta Pallet Rack representative for special finish requests
Atlanta Pallet Rack
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- Consulting
- Design & Engineering
- Manufacturing
- Installation & Project Management

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