




Atlanta Pallet Rack

Industrial Storage Solutions Provider



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 www.atlantapalletrack.com



Features & Benefits

Teardrop

(Adjustable on 2" Centers)



Keystone

(Adjustable on 3" Centers)



Structural

Teardrop C3



Bolted C3



Bolted C4



- 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







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ROLL-FORMED STEP BEAM CAPACITIES (LBS. PER PAIR)								
BEAM LENGTH (INCHES)	3 BEAM 16 GA.		3 1/2 BEAM 16 GA.		4 BEAM 16 GA.		4 1/2 BEAM 16 GA.	
	92"	3,300	4,300	5,400	6,400	7,400	8,500	9,700
96"	3,000	4,000	5,200	6,100	7,100	8,200	9,300	
108"	2,000	3,200	4,200	5,500	6,400	7,300	8,300	
120"	1,600	2,600	3,500	4,500	5,700	6,600	7,500	
132"	1,200	2,200	2,900	3,800	4,800	5,900	6,700	
144"	900	1,900	2,500	3,200	4,000	5,000	5,800	

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				Keystone			
UPRIGHT FRAMES CAPACITIES (LBS. PER PAIR)				UPRIGHT FRAMES CAPACITIES (LBS. PER PAIR)			
MAXIMUM VERTICAL BEAM SPACING				MAXIMUM VERTICAL BEAM SPACING			
	3" x 1 5/8" COL.	3" x 3" COL.	3" x 3" COL.		3" x 1 5/8" COL.	3" x 3" COL.	3" x 3" COL.
	31TDUF070	33TDUF070	33TDUF078		31KYUF070	33KYUF07	33KYUF078
36"	13,400	20,400	26,900	36"	14,200	21,200	28,700
42"	12,600	19,300	23,300	42"	13,300	20,000	24,900
48"	11,700	18,100	21,000	48"	12,200	18,700	22,400
54"	10,700	16,800	19,200	54"	11,100	17,700	20,500
60"	9,600	15,400	17,400	60"	9,900	15,800	18,600
66"	8,600	14,100	15,500	66"	8,800	14,300	16,500
72"	7,500	12,700	13,800	72"	7,600	12,800	14,700
78"	6,600	11,300	12,300	78"	6,700	11,400	13,100
84"	5,800	10,000	1,100	84"	5,900	10,100	11,800

Frame Capacity Notes

- Capacities per ANSI MH16.1 2012 (RMI 2012)
- 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

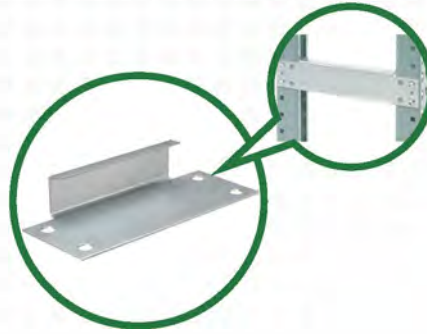


Pallet Rack Accessories

4



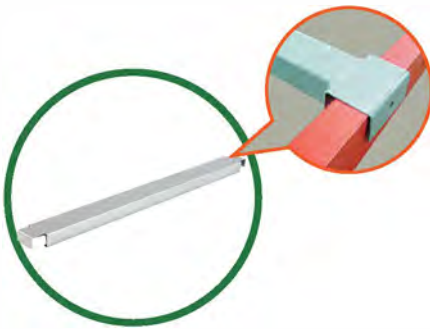
Wire Decks



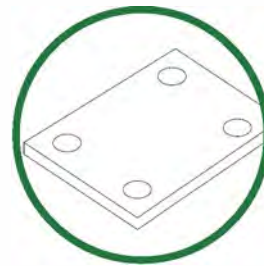
Row Spacers



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.

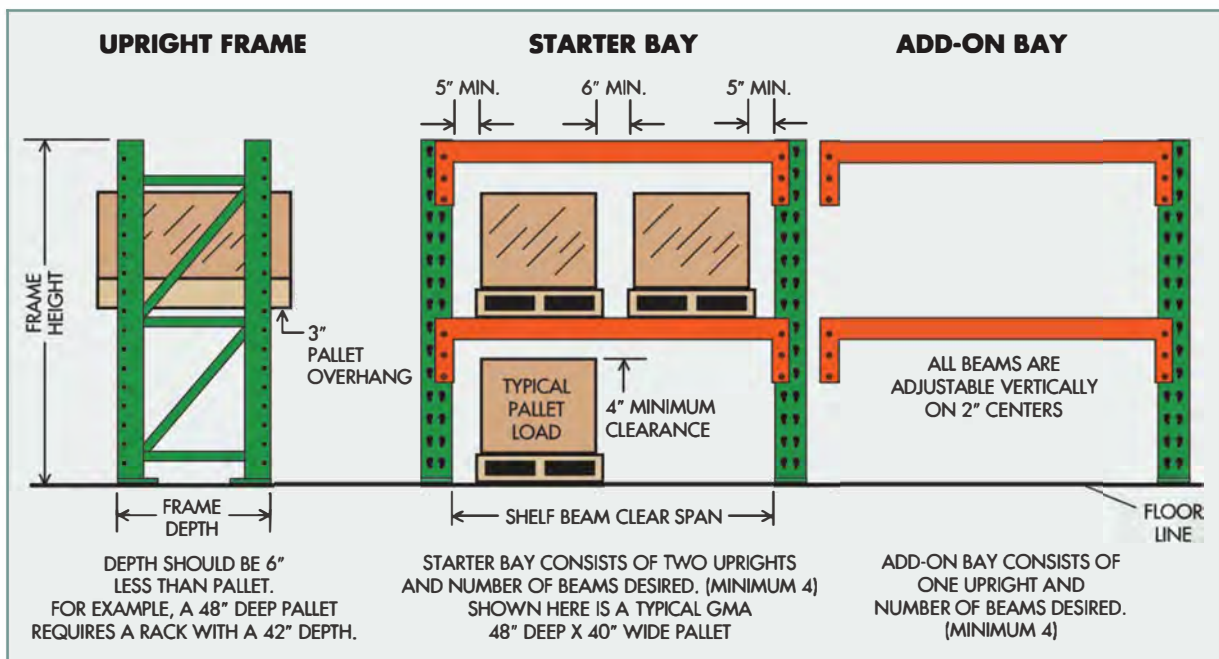
It is determined by adding the widths of pallet loads plus a 5" side clearance between upright and pallet and 6" between pallet loads.

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

Rack Height: add the following figures:

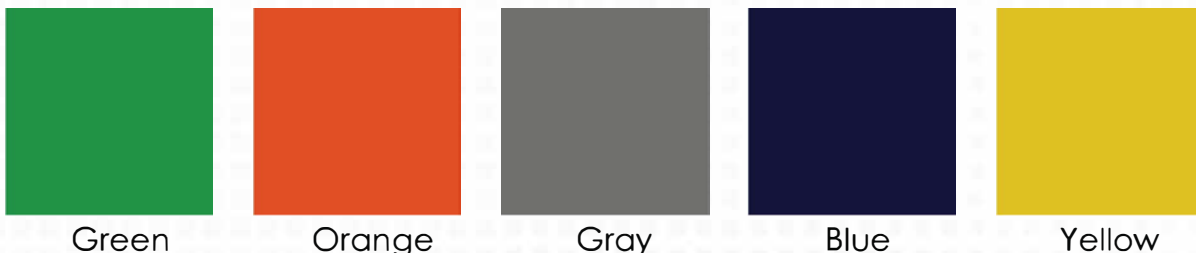
- Height of pallet loads (including pallet)
- + height of shelf beam
- + 4" minimum vertical clearance for each pallet load
- Sum of above dimensions = rack height

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.



Standard Color

High-quality powder coated finishes for durability and rust resistance



Contact Atlanta Pallet Rack representative for special finish requests



Atlanta Pallet Rack

Industrial Storage Solutions Provider



- ✓ Consulting
- ✓ Design & Engineering
- ✓ Manufacturing
- ✓ Installation & Project Management

Member of:



Contact Us:

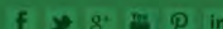
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