



5714 Folsom Blvd. #278
 Sacramento, CA 95819

916.446.4650 *phone*
 916.446.4625 *fax*

www.RackandShelving.com

To Select Pallet Rack

- 1. DETERMINE THE SIZE OF YOUR PALLET TO BE STORED.**
 Example: 42"W x 48"D x 6"H.
- 2. DETERMINE THE OVERALL LOAD W X D X H.**
 For the overall height, add the load and pallet heights together.
 Example: load height 42" + pallet height 6" = 48" overall height. Overall load, 42"W x 48"D x 48"H.
- 3. BEAM WIDTH.** Determine the width of your pallet/load and allow a minimum of 4" between the upright frame and the load and a minimum of 4" between loads. Example: to store (2) 42"W loads, 4 + 42 + 4 + 42 + 4 = 96" wide beam. Beam Capacity. Multiply the weight of the pallet and load by the number of pallets per level. Example: two pallets with a weight of 2500 lbs. each per level. 2500 lbs. x 2 pallets per level = 5000 lb. beam capacity minimum requirement.
- 4. UPRIGHT FRAME DEPTH.** The depth of the upright frames should be your pallet depth (48") minus 6" (3" overhang in the front and 3" overhang in the back). Example: 48" - 6" = 42" deep upright frame.
- 5. UPRIGHT FRAME HEIGHT.** Determine the overall load height. Add a minimum of 6" clearance between top of load and next level of beams. Add the beam height and multiply total by the amount of upper levels required. (do not count floor level). Example (4 shelf levels): 48"H + 6" (for clearance) + 5" (beam height) = 59". 3 upper levels x 59 = 177" high upright frame requirement.