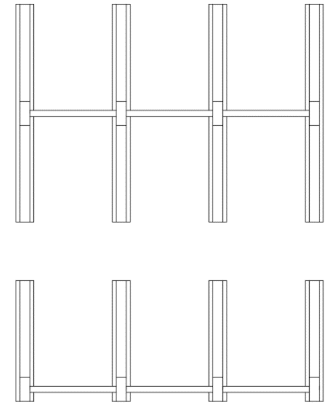


# UNARCO CANTILEVER RACK INSTALLATION INSTRUCTIONS

**Step 1.** Prior to starting the installation of your Cantilever Rack, check to make sure you have all the necessary equipment and parts. Next, lay out the Rack's complete floor plan in the designated storage area. Make sure to space the racking the necessary distance from any building columns or obstructions.

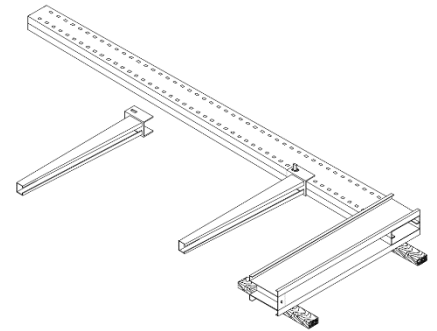
Make sure to read and follow these installation instructions to properly install your Cantilever Rack.

**NOTE: UNARCO recommends that you follow all normal safety instructions when installing and working with this or any rack, including the use of hard hat and safety glasses.**



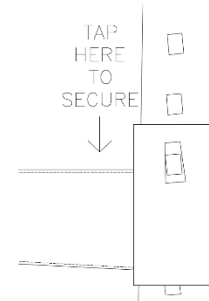
**Step 2.** Place the column in horizontal position on top of short 4"x4" blocks so the column is off the ground. This permits easier arm assembly.

Now you are ready to mark off the locations where you want to position the arms along the column's face. Slide the rubber grommet onto the rectangular Key-Wedge connector. Next, place the arm onto the column's face making sure you line up the two holes. Once these holes are lined up, simply slip in the Key-Wedge connector and place the rubber grommet on the opposite end. These grommets act as stops to prevent the Key-Wedge from sliding out.



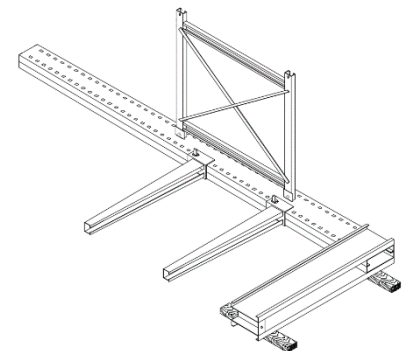
**Step 3.** To secure the arm on the column, grasp the arm firmly and jiggle it until the Key-Wedge is tight in the columns. Then take a rubber mallet and tap the arm near the connector point. This single step avoids the possible loosening of the arm when the column is lifted into position or loaded.

Once all the arms are positioned in the first column, stand it vertically at the beginning of the row and secure it to the floor.

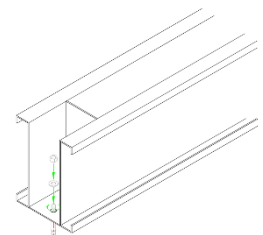


**Step 4.** The second column follows the same procedure as detailed in Step 3, except prior to standing it up, you must install the appropriate space brace panels. Place the brace panels on the slotted tabs and bolt them together. Once the panels are bolted, place the column vertically next to the first column. Once in position, bolt the other end of the brace panels to the adjoining column.

Continue this procedure until the entire row is erected. After you have completed this row, move to the next and repeat these steps until all the rows are erected.

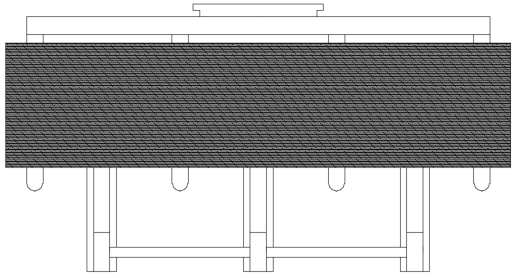


**Step 5.** When the system is completely erected, anchor the base to the floor with specified bolts. Anchoring the Installation is mandatory to assure column stability.

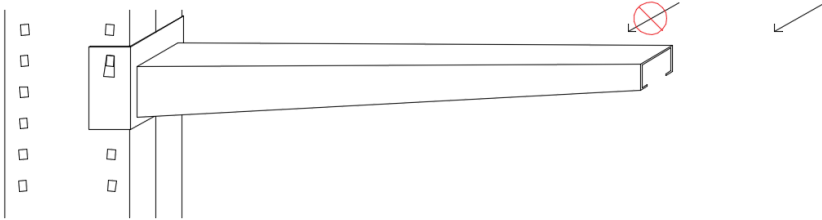


# OPERATING GUIDE

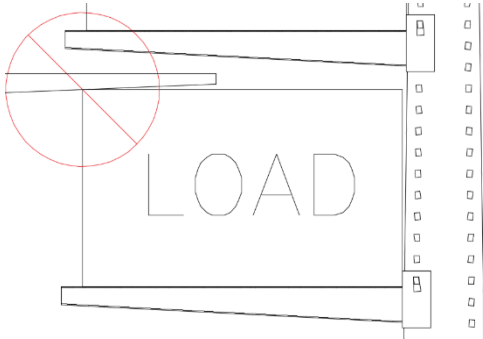
1. When working in the rack's aisle with material handling equipment, make sure the fork and column spacing mesh and have sufficient clearance. This will avoid costly accidental interference with the rack's arms.



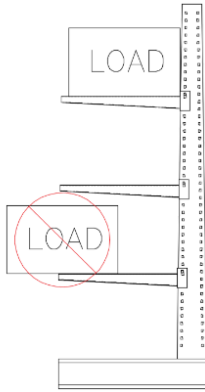
2. Anytime you are operating equipment in the rack aisle, make sure to travel at a safe, reduced rate of speed and avoid hitting the arm ends. If the arms are hit, they can be damaged and twisted from beneath the load.



3. When loading the cantilever arms, lower the load at a slow, even speed. Once the load is placed on the appropriate level, make sure that the forks do not crash into the load below. Careless loading can permanently damage the rack and load.



4. Make certain that you position the loads as far back as possible on the rack's arms. If the arms are inappropriately loaded, they will become overloaded. Also, avoid protruding loads, since they reduce aisle clearance and can be hit by traveling equipment.



**Note:** It is very important that periodic inspections are made of the entire rack to assure the rack is in sound condition and is properly loaded. A properly maintained rack installation will provide you excellent service life.



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