ULTRA SPACE SAVER SQUARED
Installation Instructions

The Ultra Space Saver Squared has several steps for installation. Note that the single and double sided setups and parts are different. Make sure you follow the instructions according to the model you ordered.

Recommended Base Materials:

Solid concrete is the best base material for installation. Make sure nothing is underneath the base material that could be damaged by drilling (i.e. post-tension cable). Use the 3.75” wedge anchors that are included to install the rack into the concrete (wall anchors are 3”).

Installation:

Sort out the parts to the rack and identify each of them accordingly. The 1” carriage bolts are for assembly of the rack and the 3.75” wedge anchors are for mounting the rack to the floor.

Reading your Dero designed layout

Ultra Space Saver Squared come in varying configurations, making it very important that you carefully follow the layout provided by Dero when installing the racks. If you do not follow the diagram, you may well end up short of parts. The length of each Ultra Space Saver Squared unit is indicated by a number ranging from B2-B7 in the layout. This number corresponds to the length of crossbeams to be installed. In the example provided below the Ultra Space Saver Squared is to be installed starting with two B4 units, which have 62” crossbeams, followed by a B5, which has 78” crossbeams.

These numbers indicate the number of arms between brackets for each Ultra Space Saver Squared unit to be installed.
ULTRA SPACE SAVER SQUARED
Installation Instructions – Wall Mount

TOOLS NEEDED

9/16” Wrench/Socket
3/8” or 1/2” Masonry Drill Bit (Depending on anchor type)
Tape Measure
Drill (~Hammer drill recommended)
Hammer
Level
Marker or pencil
Pin-in-hex tool (provided)

NOTE

Before installing make sure the wall is strong enough to accommodate the rack fully loaded with bikes. Steel stud walls are not suitable for installation.

1

Lay out parts on the floor where unit is to be installed and be sure you have all necessary parts.

2

On cross beams, place a mark three inches from each end. This mark will show you how far to slide the cross beam into the wall bracket.

3

Place first wall bracket on wall where you want to install the bike rack. The lowest hole of bracket should be 50” from the ground. Mark holes for drilling.

4

Drill holes into wall, put the wall bracket back up and insert wall anchors through holes in bracket and set the anchors. For setting the anchors and diameter and depth of holes, follow instructions sent with the anchors. Make sure bracket is level.
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Installation Instructions – Wall Mount

5

Thread 3/8” by 3/4” tightening bolts into holes in bracket. Insert crossbeams into bracket. Slide on arms and make sure arms are staggered. Secure the arms with the set screws 16” apart on-center. Install end bracket, making sure cross beams are level.

6

If installing more than one set of Ultra Space Saver Squared arms, continue from last installed wall bracket and repeat steps 3-5 above.
ULTRA SPACE SAVER SQUARED
Installation Instructions – Floor Mount

TOOLS NEEDED

9/16” Wrench/Socket
3/8” Masonry Drill Bit
Tape Measure
Drill (Hammer drill recommended)
Hammer

1

Mount single-sided rack at end of foot

2

Place crossbeams into brackets. Finger-tighten bolts to hold crossbeams loosely in place.

Mount double-sided rack at center holes

Measure out space. Attach feet to uprights with carriage bolts provided.
ULTRA SPACE SAVER SQUARED
Installation Instructions – Floor Mount

2

Carefully slide first hanger arm onto crossbeams. For single-sided racks leave a 3" space between the hanger arm and mounting bracket. Tighten set screw to hold hanger arm in place.

3

Gently slide on remaining arms making sure to stagger height of each arm and tighten each set screw. Standard spacing between arms is 16". For double sided model slide arms on opposite each other. Repeat until the crossbeams are full.

4

Attach the second upright. Tighten bolts to secure crossbeams in brackets. For add-on units repeat steps.

5

Anchor rack to floor with 3.75" wedge anchors.

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ULTRA SPACE SAVER SQUARED
Installation Instructions – Tire Stop (Optional)

1. Attach tire stop to uprights with supplied hardware
2. Continue attaching tire stops if using a modular system
ULTRA SPACE SAVER
Installation - Metal Stud Wall

1. Use 3/4” x 16” board as a substrate to mount the racks. White Melamine board works well.

2. Lay out the wall mounting brackets on the board and mark the (3) holes per bracket on the board. Drill at marks with a ½” drill and press 3/8”-16 Tee Nuts in the back of the board.

3. Place the board on the wall and attach with (3) 3/16” x 3” self-drilling screws at each metal stud. The center of the board should be 52” from the ground. 4” wood screws may be used for wood studs.

4. Attach the USS racks to the board with (3) 3/8”-16 x 1” bolts and washers at each wall mounting bracket.

Dero is not responsible for verifying installation surface and location. Installer assumes all liability for secure installation.