



Storage Wall[®] Roller Shelves Assembly Instructions and Layout Guide



CAUTION

ALWAYS SECURELY ANCHOR STORAGE WALL SYSTEMS TO THE FLOOR OR A SOLID OR REINFORCED WALL WHEN USING ROLLER SHELVES. FOLLOW LOCAL REGULATIONS AND BUILDING CODES TO DETERMINE THE PROPER METHOD OF ANCHORING.

STORAGE WALL[™] UNITS MUST BE LEVEL IN ALL DIRECTIONS.

770 POUND CAPACITY PER SHELF.

ONLY STORE ONE ITEM PER SHELF TO PREVENT ITEMS FROM ACCIDENTALLY FALLING OFF OF SHELF.



Instructions for installing Storage Wall™ Roller Shelves

Hardware Included (per shelf):

- 6 – ¼-20 x 5/8” hex head bolts (#8, A105900)
- 2 – 3/8” flat washers (#9, A106354)
- 2 – White plastic retainer clips (#15, A102107)

Tools Required:

- Ratchet Set – 7/16” socket with extension
- Gloves
- Rubber Mallet
- Medium Flat Head screwdriver
- Grease or lubricant

Note: Follow instructions in the Storage Wall™ Instruction Manual to assemble Storage Wall Sections (if purchased new). Refer to Figure 1 to identify components.

Make sure sections are in place, leaving enough room behind the sections to install the backpanel (#3) for the Roller Shelf.

Caution: Gloves should be worn while installing tracks and rollers.

- Refer to Figure 2. Install left shelf track (#1) at least five slots above the lower Universal Panel. Install by sliding tongues in the tracks into the slots in the Vertical Side Frame. Use a rubber mallet to tap the track firmly in place.
- Install right shelf track (#2) at the same position as the left.
- Continue installing the roller shelf tracks, leaving at least four open slots in the Vertical Side Frame between each track.
- Once placement of all tracks is completed, insert the white plastic shelf retainer slip (#15) to secure tracks

- Refer to Figure 1. Using four ¼-20 x 5/8” hex head bolts (#8), install the back panel (#3). You will need access to the rear of the storage wall. If access to the rear of the storage wall is not available, install the back panel backwards.
- Slide the Storage Wall system in place and anchor units.
- **CAUTION: Units must be level in all directions and securely anchored to the floor according to local regulations and building codes.**

Note: The rollers supplied are standard conveyor rollers. One end of the center shaft is fixed, the other is spring loaded. It is easier to install the rollers from below the tracks. Refer to Figure 3 for installation.

- Install Rollers (#7). Fixed end goes into the left track (#1), spring loaded end goes into right track (#2). Depress spring loaded end with a medium flat head screw driver to slide shaft into the hole in the right shelf track.
- Install left gate bracket (#5) by sliding it into the left track (#1) and align with the angled gate slot. Secure using one ¼-20 x 5/8” head head bolt
- Grease or lubricate both ends of the Gate Pivot Rods (#4).
- Place a flat washer (#9) on the left pivot rod of the gate and insert rod into the left gate bracket. Place a flat washer (#9) over the right pivot rod of the gate and insert into the right gate bracket. Install the right gate bracket (#6) by sliding it into the right shelf track (#2).
- Secure right gate bracket with one ¼-20 x 5/8” hex head bolt.
- Close gate by grasping gate handle (#10) and pivot the gate up until the top pivot rod drops into the gate brackets (#5 & 6).
- To open gate, lift up gate and pivot out of gate brackets.
- Install label paper (#11) and plastic cover (#12) into drawer handle. To do so, remove one of the black end caps (#13 or 14) by depressing the black square hole behind the handle a screw driver to release the end cap. Slide end cap out. Carefully slide paper and plastic into handle.
- Insert end cap back into the end of the handle.

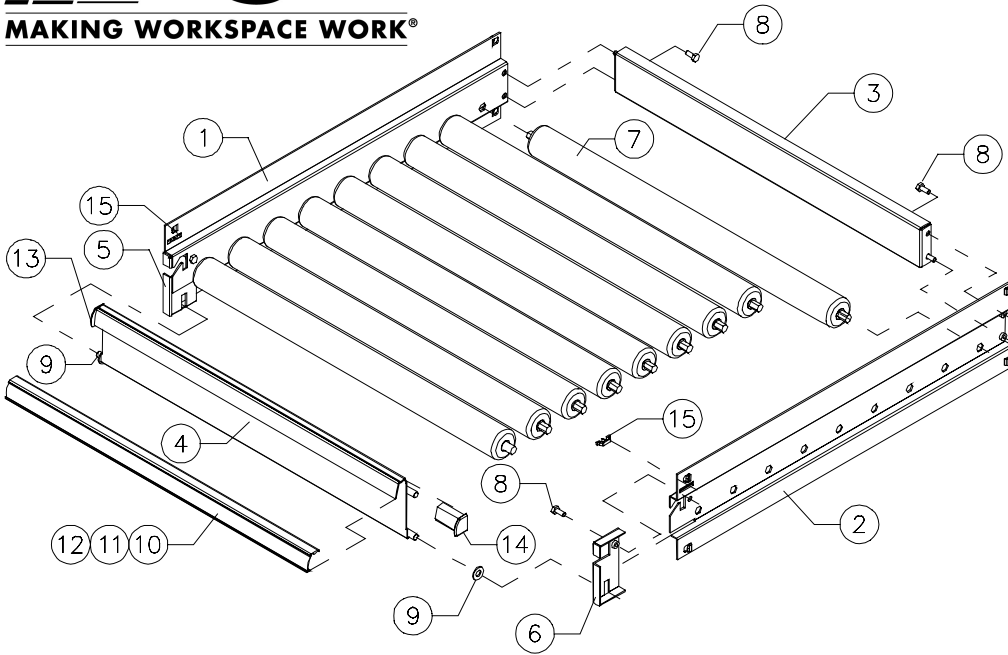


Figure 1 – Exploded view

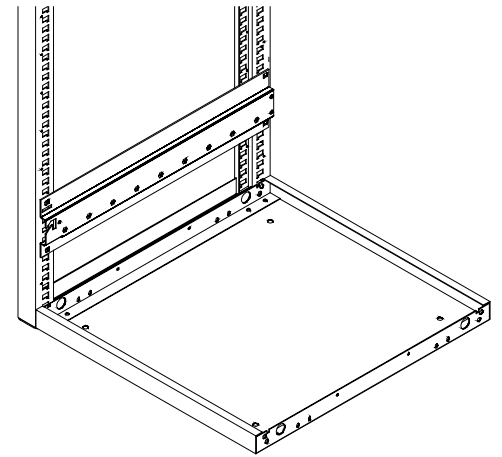


Figure 2 – leave 5 (approx. 5”) open slots between bottom panel & shelf track

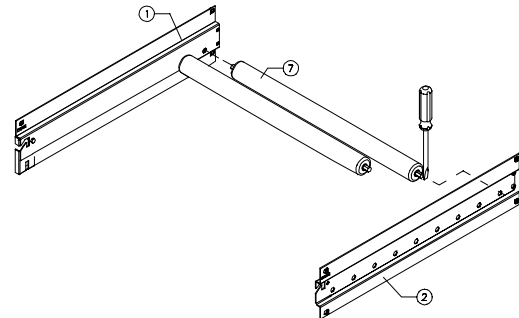


Figure 3 – Install Conveyor Rollers

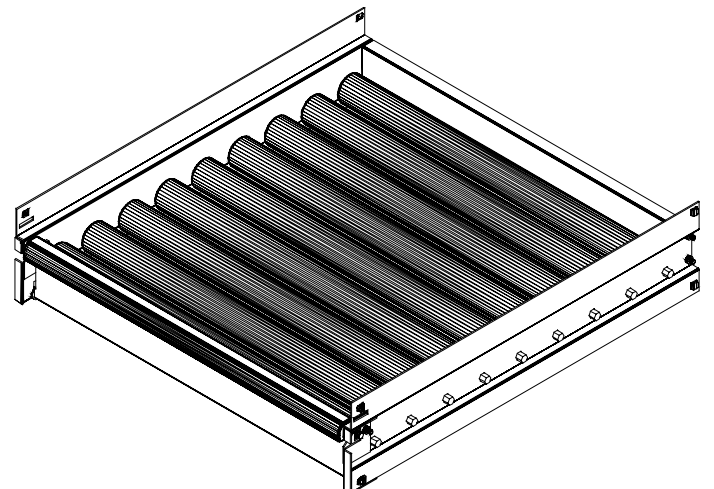


Figure 4 – Completed Roller Shelf

Component and Hardware List

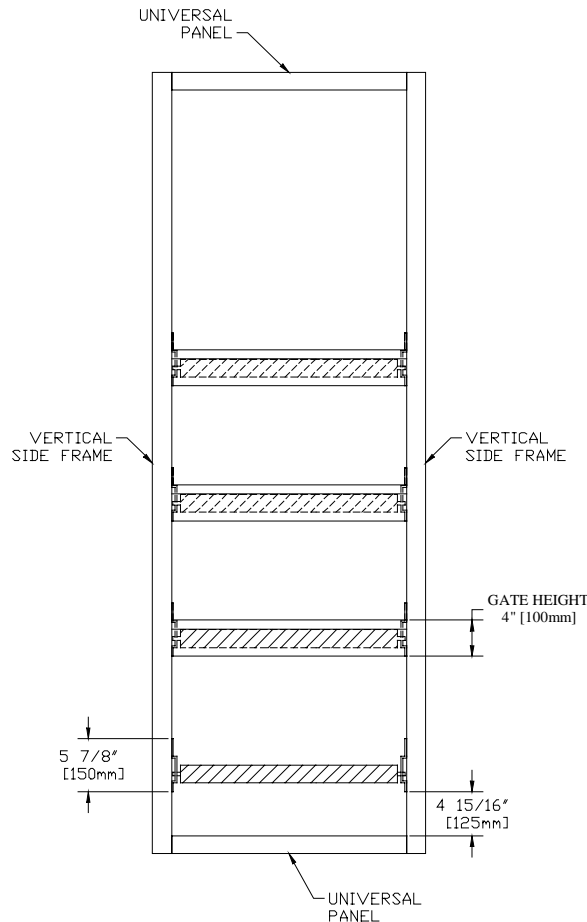
ITEM	DESCRIPTION	QTY
1	Shelf Track - left	1
2	Shelf Track - right	1
3	Backstop	1
4	Front gate*	1
5	Gate bracket – left	1
6	Gate bracket – right	1
7	Conveyor Rollers – 21-3/4” deep – 27-3/4” deep	7
8	Hex head bolts – 1/4-20 x 5/8	6
9	3/8” flat washer	2
10	Gate handle (aluminum)*	1
11	Gate handle label	1
12	Gate handle label plastic cover	1
13	End cap – left*	1
14	End cap – right*	1
15	Track retainer clip	2

* The front gate, including the aluminum handle and both end caps, will ship pre-assembled.

Layout Guide for Roller Shelves

- Bottom Shelf must be a minimum of 5" (125 mm) or 5 notches from bottom universal panel.
- Roller Shelves adjust in 1" (25 mm) increments
- Minimum clearance needed for each shelf is 4" (100 mm)
- Roller height: 2" (50 mm)
- Total usable height of 1450 unit Storage Wall section: 53" (1350 mm)
- Total usable height for 2000 unit Storage Wall section: 75" (1900 mm)

Suggested Layout for a four shelf section



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