# STEP BEAM 5-SHELF UNIT /BLACK WRINKLE W/ MELAMINE SHELF

# WS184872BW-SB5MSC2 ITM./ART.625073

SHELF MAXIMUM CAPACITY: 1,000 lb/ 454 kg EVENLY DISTRIBUTED.
ENTIRE UNIT MAXIMUM CAPACITY: 5,000 lb/ 2,268 kg EVENLY DISTRIBUTED.
CONCENTRATED LOAD CAPACITY: 150 lb/ 68.18 kg (PSF) PER SQUARE FOOT.

OR 2-PC WORKBENCH OPTION

**5-SHELF UNIT** 

ADULT ASSEMBLY REQUIRED DUE TO THE PRESENCE OF SMALL PARTS, SHARP POINTS, SHARP EDGES



Please call for replacement parts or assistance: 1-866-942-5362 Pacific Standard Time: 8:30 am – 4:30 pm PST Monday to Friday Or visit our web sitewww.whalenfurniture.com

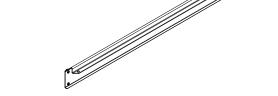
Date: 2017-05-03 Rev 0001-C Factory # HAIOFF

Page # 1

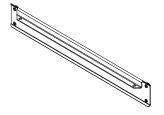
#### **Parts List**

Please read completely through the instructions and verify that all parts listed are present before beginning assembly.

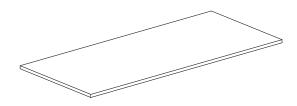
A-Angle Post (8-ea.)



B- Long Double Rivet Beam (10-ea.)



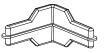
C-Short Double Rivet Beam (10-ea.)



D-PB Shelf (5-ea.)



E-Post Cap (16-ea.)



F- Post Inserts (4-ea.) (Used on Storage Rack)



G- Post Clip (2-ea.) (Used on Workbench)

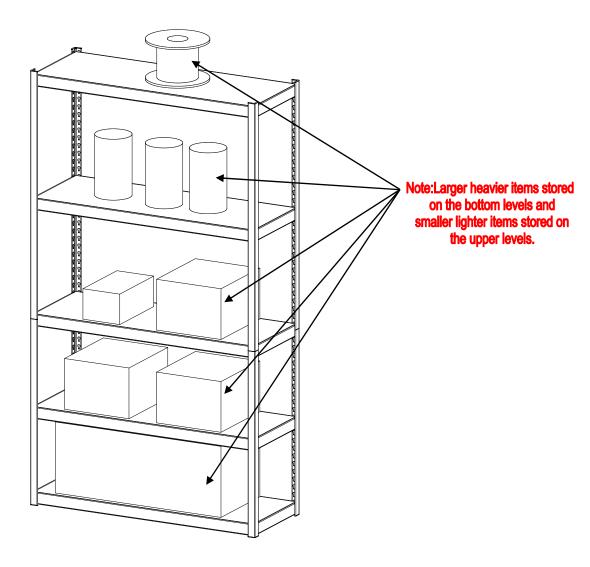
**Tool Required: Rubber Mallet (NOT INCLUDED)** 



Failure to follow these guidelines can result in properly damage or personal injuries.

Storage Rack is not recommended for outdoor use.

- 1. Do not exceed 1,000 lb/ 454 kg per shelf. Do not exceed 5,000 lb/2,268 kg per unit.
- 2. Weight should be evenly distributed on the shelf surface. Weight that is concentrated in the center of the shelf will reduce the shelf capacity.
- 3. Load small stable items on the top shelves, heavier and bulkier items should be stored on the lower shelves. Load unit placing objects from the bottom to top. This will ensure stability of overall unit.
- 4. Never climb or stand on the unit and do not use as a ladder.
- 5. Not intended to be used by children.
- 6. Do not alter the product in any way as it could compromise the performance of the unit as intended and will void all warranties.



Note: Assemble the unit on a sturdy and level surface. Avoid assembling on carpet. To facilitate assembly we recommend having two persons assemble the unit. If you do not understand these directions, or have any doubts about the safety of the installation, please call a qualified contractor or contact Whalen Storage at 1-866-942-5362. We can assist you or give you directions.

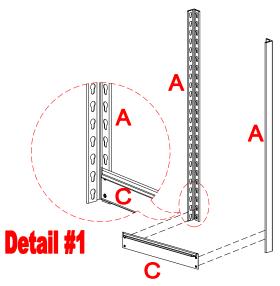
Make sure all the rivets are locked in place before using the Work Bench, if you have any defective parts please do not use, improper installation may result in damages or injuries.

#### **Assembly Instructions**

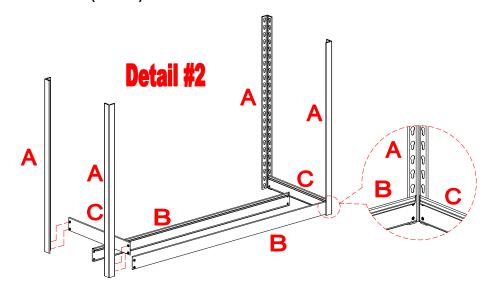
1. Unpack the unit and confirm that you have all the hardware and required parts listed. Use a cloth or wood block to protect the surface finish of the product during assembly. Assemble the unit on a sturdy and level surface. Avoid assembly on carpet.

#### Option #1 5-Shelf Storage Rack

2. Join Short Double Rivet Beam (part C) into the two bottom keyholes of Angle Post (part A). Be sure that the flange is up and drive the rivets to the bottom of the keyhole by hitting the beam with a rubber mallet. Repeat to add second Angle Post (Part A).



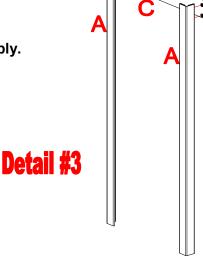
3. Attach Long Double Rivet Beam (part B) to the bottom keyholes of Angle Post (Part A). Hit the beam with a rubber mallet to lock pieces together. Repeat to add second Long Double Rivet Beam (Part B).



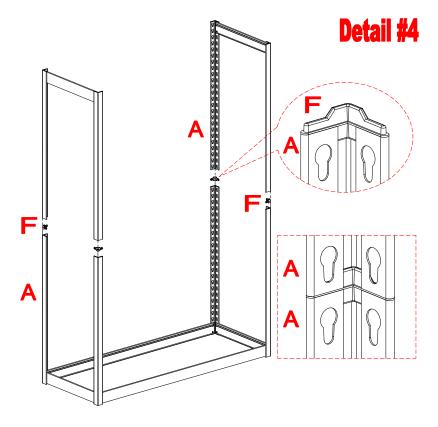
4. Start top end assembly by joining a Short Double Rivet Beam (part C) into the top keyholes of a 36" Angle Post (part A). Add the second 36" Angle Post. Hit the beam close to joints to lock pieces together.

5. Repeat last step for the opposite side top end assembly.

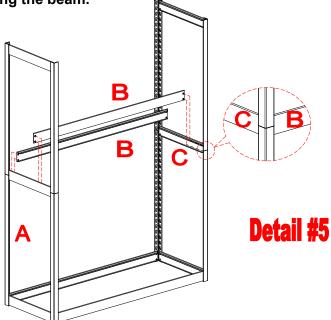
6. Before joining the top end assembly to the bottom frame assembly. Insert Post Inserts (part F) into the Angle Posts (part A) on the Bottom frame assembly, as shown in detail #4



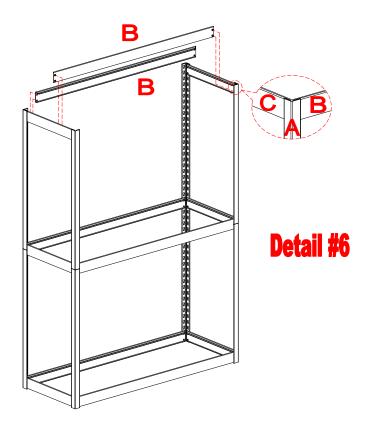
7. Repeat the last two step for the opposite top end assembly.



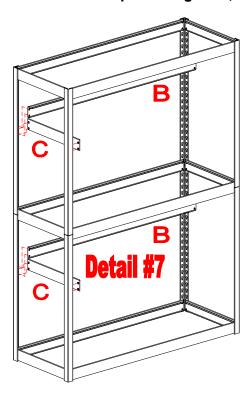
8. Add two Long Double Rivet Beams (part B) to mid section. Be sure to use the bottom keyholes of the top assembly angle post and top keyholes of the bottom assembly. Follow the proper keyholes as shown in detail #5. Be sure to have all rivets in the keyholes before hitting the beam.



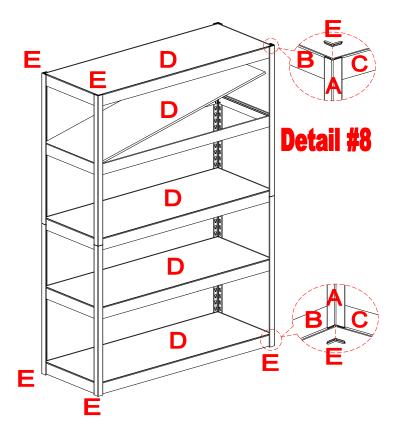
9. Add two additional Long Double Rivet Beam to top two keyholes of the angle post as shown. Be sure to have all rivets in the keyholes before hitting the beam, as shown in detail #6.



10. Assemble the remaining Short and Long Double Rivet Beams to your desired location on the angle post. Hit Beams to lock pieces together, as shown in detail #7.

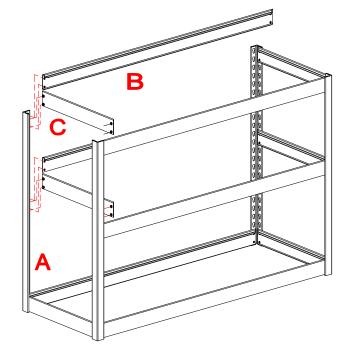


11. Add the Post Caps (part E) to both top and bottom of the 4 corner Angle Posts, as shown in the detail #8. Lay the shelf decks into place.



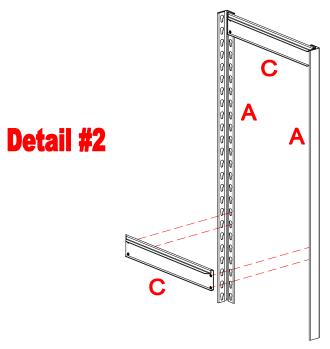
#### **OPTION #2 2-PC WORKBENCH**

- 1. Repeat step 2 through 3 to create bottom frame assembly.
- 2. Add two Short Double Rivet Beams (part A) and two Long Double Rivet Beams (part B) to the top keyholes of the Angle Posts. Hit the beams near the joints with a rubber mallet to lock pieces together, as shown in detail #1.



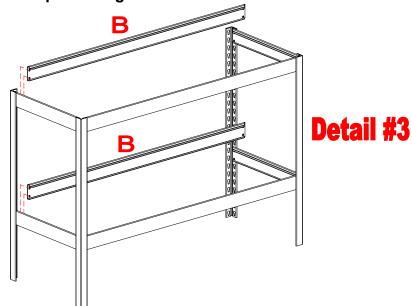
# **Detail #1**

- 3. Start the second unit by joining a Short Double Rivet Beam (part C) into the top two keyholes of a 36" Angle Post (part A). Add an additional 36" Angle Post. Hit the beam with a rubber mallet to lock pieces together, as shown in detail # 2. Install the second Short Double Rivet Beam at your desired location on the posts.
- 4. Repeat the last step for the opposite end assembly.

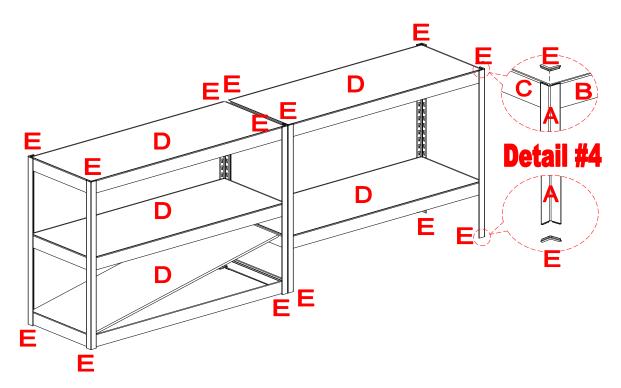


**Assembly Instruction** 

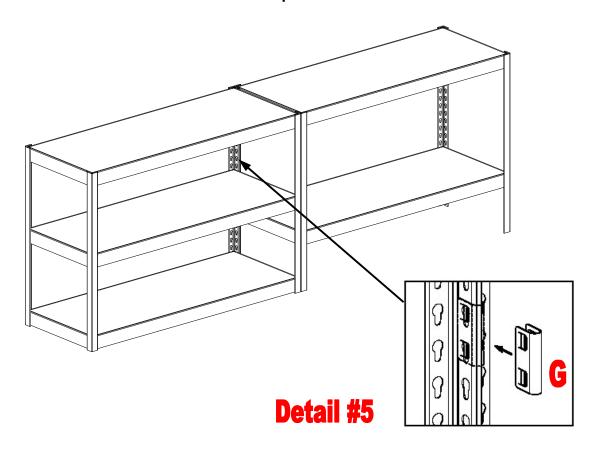
5. Complete the second unit by installing remaining Long Double Rivet Beams (part B). Make sure the Long Double Rivet Beams are flush with the Short Ones after installing, as shown in detail #3. Hit the beams near the joints with a rubber mallet to lock pieces together.



6. Lay the Shelf Decks (part D) in place. Add Post Caps (Part E) to both top and bottom of the Angle Posts, as shown in detail# 4.



7. If desired place the two units end to end and attach posts with clip G as shown in Detail #5 in last instruction step.



#### Care and Maintenance

- Use a soft, clean cloth that will not scratch the surface when dusting.
- Using solvents of any kind on your product may damage the finish.
- Do not use any harsh abrasives or chemicals to clean any metal surfaces as it may damage the protective coating.
- Metal will rust if the finish is scratched or if your product is exposed to excessive humidity, particularly in salt water locations.



Serious or fatal crushing injuries can occur from furniture tip-over. To help prevent tip-over:

- Place heaviest items on the lowest rack.
- Do not place heavy objects on the top of this product.
- Never allow children to climb or hang on hanger poles.

Use of tip-over restraints may only reduce but not eliminate the risk of tip-over. Contact your local hardware store for tip-over restraints that will best meet the area where unit will be used.

#### LIMITED LIFETIME WARRANTY

This product is warranted to the original purchaser. If there is a failure in this unit due to defects in materials or workmanship, the manufacturer will repair or replace this item at our discretion without charge. Warranty is void if product has been assembled incorrectly, misused, abused by overloading, altered in any way or damaged due to accident. This warranty is not transferable and does not cover chipping, flaking, scratches, rust, dents, or other damages to the surfaces of this product. Responsibility of the manufacturer is limited to repair or replacement of this product. The manufacturer is not responsible for consequential, incidental, or other damages or losses resulting from product failure. This warranty is in lieu of all other expressed warranties. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

AUSTRALIA: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In case of product failure, damage or defective parts refer to:
Whalen Furniture Manufacturing
1578 Air Wing Rd.
San Diego, CA. 92154 USA
1-866-942-5362

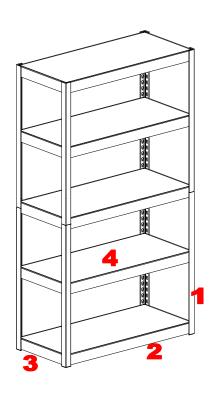
#### "KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE"

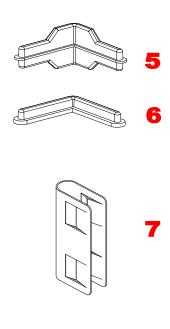
Your assembly should now be complete.
Thank you for your purchase.

Made in China



# IF YOU ARE REQUIRED TO ORDER PARTS PLEASE USE THE LIST BELOW STEM BEAM 5-SHELF UNIT / BLACK WRINKLE W/ MELAMINE SHELF





WS184872BW-SB5MSC2 1-AP WS184872BW-SB5MSC2 2-LDRB WS184872BW-SB5MSC2 3-SDRB WS184872BW-SB5MSC2 4-PBS WS184872BW-SB5MSC2 5-PI WS184872BW-SB5MSC2 6-PEC WS184872BW-SB5MSC2 7-PC WS184872BW-SB5MSC2 8-CH Angle Post
Long Double Rivet Beam
Short Double Rivet Beam
PB Shelf
Post Insert
Post End Cap
Post Clip
Complete Hardware

Imported by / Importé par : Costco Wholesale Canada Ltd.\* 415 W. Hunt Club Road Ottawa, Ontario K2E 1C5, Canada 1-800-463-3783 www.costco.ca

\* faisant affaire au Québec sous le nom Les Entrepôts Costco

Imported by:
Costco Wholesale UK Ltd /
Costco Online UK Ltd
Hartspring Lane
Watford, Herts
WD25 8JS
United Kingdom
01923 213113
www.costco.co.uk

Distributed by: Costco Wholesale Iceland ehf. Kauptún 3-7, 210 Gardabaer Iceland www.costco.is

Imported by:
Costco Wholesale Australia Pty Ltd
17-21 Parramatta Road
Lidcombe NSW 2141
Australia
www.costco.com.au

Imported and Distributed by: Costco Wholesale Korea, Ltd. 40, Iljik-ro Gwangmyeong-si Gyeonggi-do, 14347, Korea 1899-9900 www.costco.co.kr Importado por:
Importadora Primex S.A. de C.V.
Blvd. Magnocentro No.4
San Fernando La Herradura
Huixquilucan, Estado de México
C.P.52765
RFC: IPR-930907-S70
(55)-5246-5500
www.costco.com.mx

Importado por:
Costco Wholesale Spain S.L.U.
Polígono Empresarial Los Gavilanes
C/ Agustín de Betancourt, 17
28906 Getafe (Madrid) España
NIF: B86509460
900 111 155
www.costco.es

Distribué par :
Costco France
1 avenue de Bréhat
91140 Villebon-sur-Yvette
France
01 80 45 01 10
www.costco.fr

Imported by:
Costco Wholesale Japan Ltd.
3-1-4 lkegami-Shincho
Kawasaki-ku, Kawasaki-shi,
Kanagawa 210-0832 Japan
044-281-2600
www.costco.co.jp

Imported by / Manufactured for: Costco President Taiwan, Inc. No. 656 Chung-Hwa 5th Road Kaohsiung, Taiwan Company Tax ID: 96972798 0800-885-889 www.costco.com.tw