MAXILINE GONDOLA AND WALL GENERAL ASSEMBLY

NOTE! This publication is intended to be a generic installation instruction for Madix gondola and wall shelving, and may possibly be subject to change as required by the local building codes. Consult the building inspection department at the job site.

IMPORTANT! When unloading, stack all boxes...
1. WITH THE LABELS VISIBLE.
2. WITH THE SAME DESCRIPTION TOGETHER.
3. WITH THE SAME PART NUMBER TOGETHER.

NOTE!
THE STANDARD PRODUCTS LISTED BELOW WILL ALTER THE INSTALLATION PROCEDURE SHOWN.
Specific instructions covering any products listed below, if ordered, are included with this document package. Refer to them prior to beginning installation since your procedure will be altered.

END MERCHANDISER ............ASY-652
CANOPIES.............ASY-092
TELES COPING UPRIGHTS........ASY-027
BOX CORNER.............ASY-098
METAL END FLAT............ASY-269
INSIDE CORNER.............ASY-062
OPEN BACK STIFFENER........ASY-042
OUTSIDE CORNER.............ASY-059
FLOOR ANCHORS.............ASY-357
WIRE GRID BACKS...........ASY-328
OUTSIDE MOUNT END
MERCHANDISER............ASY-064
TRIPLE BACK SYSTEM........ASY-325

READ AND UNDERSTAND THIS DOCUMENT BEFORE PROCEEDING TO INSTALL SHELVING. SPECIAL ITEMS THROUGHOUT ARE DENOTED WITH:

CAUTION! IMPORTANT! WARNING!
WARNING!
READ BEFORE ASSEMBLY - FOR YOUR SAFETY!

- Install all shelving and/or fixtures as described in installation instruction.
- Shelving and components should ONLY be installed by trained personnel who have read and understand these instructions. Failure to do so may result in product damage or personal injury.
- Do not exceed the maximum load capacities as outlined under all headings related to Load Limits or Capacities in this document.
- Never use damaged parts.
- Install and use components only as directed.
- Do not combine Madix products with non-Madix products.
- Always install kickplates (KP-(nw)) to retain the structural integrity of the shelving. Kickplates must be installed correctly!
- Do not hang shelves, peg hooks or other accessories on the side of a fixture that does not have base shoes (BS) installed.
- Do not hang shelving, peg hooks or other accessories that exceed the depth of the base on a gondola or wall.
- All components that require trim, such as uprights (BU) and base shoes (BS) should have trim installed.
- Never expose any sharp or pointed edges to shoppers or employees.
- Do not climb or stand on shelving.
- Provide safe access to all levels of shelving according to OSHA regulations.
- Do not move assembled unit.
- Do not rearrange shelving while merchandised.
- Do not lean heavy items against shelving.
- All end panels (EP) and other panels for merchandising or aesthetics must have bases in order to direct traffic away from protrusions.

CLEANING SHELVING:
IMPORTANT INSTRUCTIONS FOR CLEANING MADIX METAL SHELVING:

When necessary to clean Madix shelving, use of a non-abrasive mild detergent and warm water, followed by thorough drying is ideal. The use of a cloth made of a soft, white cotton material is strongly recommended. The use of cleaning agents that contain abrasives, bleach, or strong solvents such as ketones, ethers etc. will result in damage to the finish. The damage is most severe when these harsh cleaning agents are used on colors which contain leafing aluminum pigment such as powder chrome, silver vein and other “vein” type finishes. The aluminum in these coatings resides at the surface of the finish and is therefore more susceptible to damage by the harsh cleaning agents. As an alternative to the mild detergent, cleaners with ingredients similar to those found in products such as 409, Fantastik, and Simple Green can be used. CAUTION! cleaners having ingredients similar to those found in Ajax, Borax, Bleach, Comet, etc. should be avoided as finish damage could result.

WARNING! ALL GONDOLA AND WALL FIXTURES EXCEEDING 96” IN HEIGHT MUST BE SECURELY ANCHORED! SEE ASY-357 FOR PROPER ANCHORING PROCEDURES FOR GONDOLA AND WALL!

WARNING! NEVER STACK EXTENSION UPRIGHTS (EU). Do not exceed maximum load capacity on EU. Maximum load capacity for EU 6” to 12” is 250 lb per side, 13” to 18” is 215 lb per side, 19” to 24” is 160 lb per side, and 24” and up is 100 lb per side. SEE ASY-018 FOR EU INSTALLATION.

WARNING! LOAD CAPACITY FOR PEGBOARD BACKS: MAX 150 lb per side with SL lower spanner in place MAX 300 lb per side with HSL Heavy Duty Lower Spanner
If the height of the upright exceeds six times the space between the upright and shoe leveler, the system must be secured in one of the following configurations:

- Secured at the top as per pg. 11 or...

- For Gondolas, Base Shoe Levelers must be anchored to the floor as shown in ASY-357

- For Walls, Base Shoe Levelers AND Upright Levelers must be anchored to the floor.

### Walls...

**USE CHART FOR EXAMPLE ONLY:**

<table>
<thead>
<tr>
<th>BASE SHELF DEPTH OF</th>
<th>EQUALS LEVELER SPACING OF</th>
<th>MAX HEIGHT OF UNANCHORED UPRIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>9 1/2&quot;</td>
<td>54&quot;</td>
</tr>
<tr>
<td>14&quot;</td>
<td>11 1/2&quot;</td>
<td>66&quot;</td>
</tr>
<tr>
<td>16&quot;</td>
<td>13 1/2&quot;</td>
<td>78&quot;</td>
</tr>
<tr>
<td>18&quot;</td>
<td>15 1/2&quot;</td>
<td>90&quot;</td>
</tr>
<tr>
<td>20&quot;</td>
<td>17 1/2&quot;</td>
<td>102&quot;</td>
</tr>
<tr>
<td>22&quot;</td>
<td>19 1/2&quot;</td>
<td>114&quot;</td>
</tr>
<tr>
<td>24&quot;</td>
<td>21 1/2&quot;</td>
<td>120&quot;</td>
</tr>
<tr>
<td>26&quot;</td>
<td>23 1/2&quot;</td>
<td>138&quot;</td>
</tr>
<tr>
<td>28&quot;</td>
<td>25 1/2&quot;</td>
<td>144&quot;</td>
</tr>
<tr>
<td>30&quot;</td>
<td>27 1/2&quot;</td>
<td>162&quot;</td>
</tr>
</tbody>
</table>

### Gondolas...

**USE CHART FOR EXAMPLE ONLY:**

<table>
<thead>
<tr>
<th>BASE SHELF DEPTHS OF</th>
<th>EQUALS LEVELER SPACING OF</th>
<th>MAX HEIGHT OF UNANCHORED UPRIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; &amp; 12&quot;</td>
<td>19&quot;</td>
<td>114&quot;</td>
</tr>
<tr>
<td>12&quot; &amp; 14&quot;</td>
<td>21&quot;</td>
<td>126&quot;</td>
</tr>
<tr>
<td>14&quot; &amp; 14&quot;</td>
<td>23&quot;</td>
<td>138&quot;</td>
</tr>
<tr>
<td>14&quot; &amp; 16&quot;</td>
<td>25&quot;</td>
<td>144&quot;</td>
</tr>
<tr>
<td>16&quot; &amp; 16&quot;</td>
<td>27&quot;</td>
<td>162&quot;</td>
</tr>
</tbody>
</table>

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**ALL UPRIGHTS 96” AND ABOVE WILL NEED TO BE ANCHORED.**

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**BOLTING UPPER SHELVES AT THE TOP OF FIXTURES TALLER THAN 96”...**

On any upper row of shelves on fixtures taller than 96”, the shelves must be bolted together through the front most holes in the sides of the shelves!
GONDOLA / WALL PARTS IDENTIFICATION...

- THE PARTS SHOWN HERE REPRESENT A WALL, SINGLE SIDED, SECTION.
- BOTH GONDOLA AND WALL SECTIONS USE THE SAME PARTS.
- PAGES 7-10 SHOW INSTALLATION OF A GONDOLA, DOUBLE SIDED, FIXTURE

WSRP MUST BE INSTALLED IN ALL WALL UPRIGHTS AND ALL UPRIGHTS ABOVE 96" FOR GONDOLA AND WALL!

NOTE:
- ONLY BS-(ND) SHOES WILL REQUIRE THE WSRP, BSSI L-(ND) DO NOT REQUIRE THE WSRP.

NOTE:
- UC UPRIGHT CAPS SUPPLIED ONLY ON NOM HEIGHTS LESS THAN 66"
BACK PANEL IDENTIFICATION FOR GONDOLA AND WALLS

EXAMPLE:
78" UPRIGHT

TOP AND LOWER SPANNERS ARE NOT SHOWN!

INDICATES CENTER SPANNER ...3' or 4' at approximate midpoint of back.

INDICATES SPLICER SPANNER ...3' or 4'

NOTE:
- Centered and flush wire grid panels will have slightly different dimensions... see ASY 328.
- Triple back system panels will have slightly different dimensions... see ASY 325.

NOTE: SECOND CENTER SPANNER SHOWN ON 72", 78", AND 84" HEIGHTS ARE OPTIONAL AND MAY NOT BE INCLUDED IN SET UP. CONFIRM IF YOUR ORDER INCLUDES THE OPTIONAL SECONDE CENTER SPANNER SC-(NW)
ASSEMBLY PROCEDURE...

1) LOCATE “OPEN ME FIRST” BOX AND REMOVE PROVIDED LEVELER WRENCH
OTHER TOOLS NEEDED INCLUDE: LARGE SCREWDRIVER, CHALKLINE, LONG MEASURE TAPE, NYLON STRING, MATERIAL FOR SHIM(S).
2) Snap chalklines on the floor for fixture alignment, using diagram above as a guide...ALLOW 1 5/8" FOR KICKPLATE RECESS.
3) Lay out parts as shown above, with kickplates and spanners end to end. All uprights should overlap as shown in side view so the bottom of each upright will stand at the kickplate joints...IF RUN IS 78" OR HIGHER, lay out splicer spanners after lower backs have been installed.
4) Lay one back for first section nearby...IF THE RUN IS 78" OR HIGHER...ONLY LOWER BACK IS REQUIRED FOR SQUARING...extension back is not required.
5) Insert base shoes into all uprights ...shoes do not have to be locked in at this time.
6) Raise first upright to vertical and push down sharply. Base shoes should lock in, if they do not lock in, step firmly on top of shoe to lock. FOR STRAIGHT IN BASE SHOE (BSSIL) Note warning label for locking tab. Sliding tab must be engaged in upright slot!

NOTE: ON ALL UPRIGHTS WITH BS-(ND) TYPE SHOE: lay upright on floor and drive WSRP pin through the upright and base shoe as shown ...all uprights. Do not drive the WSRP pin in until it is fully seated. Leave 1/8" to 1/4" gap between pin head and side panel of shoe!
ASSEMBLY PROCEDURE...

7) Raise second upright to vertical, lock base shoes and install center spanner. BOTH SPANNER TABS MUST BE SHOWING BELOW LANCES...
DO NOT HAMMER DOWN ON SPANNER! USING A SCREWDRIVER BEND BOTH TABS UP AROUND LANCES. SEE IMAGE BELOW!

8) Install lower spanner...
IN SINGLE BACK INSTALLATIONS, THE SPANNER TAB OPPOSITE THE BACK SHOULD BE BENT UPWARD TO PREVENT THE SPANNER FROM ROLLING:

9) Install the back panel from step 4. Slide down from top...

IMPORTANT!
DO NOT DROP BACKS ONTO THE LOWER SPANNER!
If run is 8 sections or less, install one pack into first and last sections to square before leveling. If gondola is more than 8 sections then additional back(s) will need to be installed in center of run for additional stability.

10) Stand remaining uprights in run, installing center and lower spanners between the uprights

WARNING!
Never allow framework to stand alone until a back panel is in place. Framework may fall!
CENTER SPANNERS must be installed!
ASSEMBLY PROCEDURE...

11) Install all kickplates... kickplates snap directly in from front...

12) Pull all uprights forward to bring the kickplates to the chalkline.

13) Attach the nylon line to end upright as shown. Attach line at corresponding slot on opposite end upright, draw taut and secure.

14) Examine all uprights at nylon line to determine the highest upright in run, excluding end uprights. Pull this highest upright forward until kickplate is on the chalkline. If run is a gondola, plumb at base shoe levelers ...if run is a wall, plumb at upright and base shoe levelers.

15a) Plumb both first and last uprights using a level against face of upright and adjusting the base shoe levelers only. Adjustment of the upright levelers is not needed at this time.

**IMPORTANT!**

There must be enough clearance between the bottom of the upright and the head of the level leg to allow installation of anchors!

15b) Raise or lower end uprights until slots on ends and highest upright correspond relative to the nylon line while keeping the upright plumb. If run is a gondola, plumb at base shoe levelers, if run is a wall, plumb at upright and base shoe.

16) Working with the remaining uprights in succession, making sure kickplates are on chalkline, then adjust for height and plumb using only base shoe levelers.

**WARNING! NEVER EXTEND LEVEL LEGS ON BASE SHOES OVER 1 1/2” !**
17) On gondola uprights only: Run level legs down to approximately 1/4" off the floor. THIS APPLIES TO ALL GONDOLA UPRIGHTS REGARDLESS OF ANCHORING. ONLY BASE SHOE LEVELERS ARE ANCHORED ON GONDOLAS, NOT UPRIGHT LEVELERS.

18) Remove the nylon string used in leveling and install all remaining back panels in the run.

**IMPORTANT!** DO NOT DROP BACKS ONTO THE LOWER SPANNERS!

19) Install top spanners. Make sure tabs rest below first lance as shown. Install upright end covers. UEC is plastic and VC is metal. THESE MUST BE IN PLACE BEFORE UC (UPRIGHT CAPS) ARE INSTALLED.

20) If VCs (metal upright covers) are installed, install UC (upright caps) so that the short plastic extrusion is captured in the slot at top of the VC and tabs snap behind top lance. See illustration top right. Note: UC’s only available on heights less than 66”

21) To install the BECs (Base End Covers), simply slide them over the BS (Base Shoes). The BECs are held in place by the base shelves.

**IMPORTANT!**

22) VERIFY ALIGNMENT AND LEVEL OF RUN. If floor anchors are required, install them now. SEE ASY-357 FOR PROPER ANCHORING PROCEDURES.
WALL RUN INSTALLATION AND WALL RUN ANCHORING...

Uprights will be anchored to a single run of 2 x 4 furring strips secured at approximately 8" below the top of the uprights, subject to leveling.

*Determine run length and location...then strike a chalkline on the wall at upright height, minus 8", to align the top edge of the furring strips.
*Start with a 10' long 2 x 4, finishing the rest of run with 8' long 2 x 4's, this insures that uprights will not be on a joint

**ONE 2X4 FOR UPRIGHTS UP TO 96”
**TWO 2X4s FOR UPRIGHTS OVER 96”
**ONE 2X4 FOR EXTENSION (EU) UP TO 36”
**TWO 2X4s FOR EXTENSIONS (EU) OVER 36”

Installation of wall fixture follows same procedure as the gondola instructions, steps 1 through 11, EXCEPT:

*No chalkline is necessary...set back of uprights approximately 1" away from furring strips.
*If using basic upright wall mount support, BUWMS, install in rear side of upright in 10th slot from top.

Push fixture back against furring strips and proceed with plumb and level steps 12 through 16, visually sighting kickplate alignment.

*If using BUWMS wall mount support, secure to furring strips with appropriate hardware, shimming behind the BUWMS as necessary.
*If not using BUWMS, secure upright to furring strip with appropriate fasteners into 10th slot from top.

Complete steps 17 through 21.

*If base shelves have a wedge shaped gap, it will be necessary to push in at the gap and/or pull out at the adjacent joints...readjustment of the base shoe levelers may be necessary.

ALTERNATE METHOD: Follow instructions above, except, (1) Strike the chalkline on wall at upright height, subtract 2". This line is to mark anchor locations furring strips will be slightly lower. (2) Omit use of BUWMS or fasteners. (3) Cut 2 x 4’s to section lengths (46 1/2" for 4’, 34 1/2” for 3’). (4) Set 2 x 4 on second spanner lance from top of upright and secure to the wall using the appropriate fasteners for wall type and load situations.

WARNING!

FAILURE TO PROPERLY ANCHOR WALL FIXTURE SYSTEMS AND EXTENSIONS MAY RESULT IN SEVERE INJURY OR DEATH!
USE ANCHORING HARDWARE THAT RESISTS A MINIMUM OF 800 lbs PULL OUT FORCE.
MANY TYPES OF WALL CONSTRUCTION WILL BE ENCOUNTERED. USE FASTNERS APPROPRIATE FOR BOTH WALL TYPE AND LOAD SITUATION.
CONTACT A LOCAL STRUCTURAL ENGINEER FAMILIAR WITH CODES IN YOUR AREA. MADIX CAN PROVIDE THE CONTACT FOR A STRUCTURAL ENGINEER IF REQUIRED.
FIXTURE LOADING AND PRODUCT SAFETY...

GENERAL
1) Contact the local building department prior to starting installation to check on any restrictions.
2) Only parts and accessories produced or supplied by Madix are covered by Madix warranty.
3) Installation sequence must be followed exactly for assembly and leveling.
4) Under no circumstances should damaged parts be used.
5) Do not use shelving parts or accessories for any purpose other than originally intended.
6) Installation instructions with product load ratings are included with each order and must be followed carefully.
7) Employees must be made aware of possible overloading as specified in load ratings. If you do not receive these, please contact your sales or customer service representative.
8) Initial installation or relocation of Madix gondola or wall fixtures should be supervised exclusively by qualified personnel.

GONDOLA/WALL SHELVING
9) Never install shelves or accessories into the side of an upright that has no base shoes on that side.
10) Be sure all shelving parts or accessories are completely seated in slotting or perforations.
11) Do not permit climbing or standing on shelving at any time...including base shelves.
12) Do not attempt to relocate merchandised shelves or accessories.
13) Never try to move completed fixtures, especially if merchandised.
14) No shelves or accessories should project past the front of the base shelf.
15) Base end covers and upright end covers must always be installed at the end of a run.
16) To avoid collisions with upper shelves or accessories, all displays used on gondola ends should have a base shelf, metal end flat, or other base end treatment.

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**WARNING!**
ALL CAPACITIES ARE FOR EVENLY DISTRIBUTED LOAD.

CAPACITIES ARE REDUCED BY 35% WHEN ONLY THE FRONT HALF OF THE SHELF IS LOADED!

CAPACITIES LISTED ARE FOR SHELVES INSTALLED IN MADIX MAXI SHELVING SYSTEM ONLY!

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<table>
<thead>
<tr>
<th>SHELF TYPE</th>
<th>SHELF DEPT</th>
<th>FLAT EVENLY LOADED</th>
<th>FLAT FRONT LOADED</th>
<th>15 DEG DOWN</th>
<th>30 DEG DOWN</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUS-(NW)(ND)</td>
<td>A 6&quot;-8&quot;</td>
<td>300</td>
<td>195</td>
<td>125</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>A 8&quot;-18&quot;</td>
<td>500</td>
<td>325</td>
<td>125</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>B 20&quot;-24&quot;</td>
<td>500</td>
<td>325</td>
<td>250</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>B 26&quot;-30&quot;</td>
<td>400</td>
<td>250</td>
<td>200</td>
<td>100</td>
</tr>
<tr>
<td>STP-(NW)(ND)</td>
<td>C 6&quot;-8&quot;</td>
<td>300</td>
<td>195</td>
<td>250</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>C 10-18&quot;</td>
<td>500</td>
<td>325</td>
<td>250</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>D 20&quot;-24&quot;</td>
<td>500</td>
<td>325</td>
<td>250</td>
<td>100</td>
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<tr>
<td></td>
<td>D 26&quot;-30&quot;</td>
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<td>HUS-(NW)(ND)</td>
<td>E 16&quot;-19&quot;</td>
<td>600</td>
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<td>600</td>
<td>N/A</td>
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<tr>
<td>SBS-(NW)(ND)</td>
<td>G 12&quot;-30&quot;</td>
<td>600</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*BASED ON EVENLY DISTRIBUTED STATIC LOADING. STP TYPE SHELVES ARE "STRAIGHT IN" HORIZONTAL INSERTION INTO UPRIGHT SLOTTING
**FIXTURE LOADING - PRODUCT SAFETY**

**WARNING!** DO NOT EXCEED ANY OF THE MAXIMUM LOAD LIMITS IN THE FOLLOWING SECTIONS!

**FRONT LOADED SHELVES**

IMPORTANT! Front loaded shelves create the most likely situation for exceeding the fixture loading capacities. Compare the increases in inch/lb. loadings of front loaded shelves over evenly loaded shelves, PARTICULARLY ON WALL SECTIONS!

A front loaded shelf has a void between the back panel and the merchandise. Take one half the loaded area dimension plus the gap dimension at back and multiply the weight on the shelf in order to determine individual inch/lb. load.

**FRONT LOADED SHELVES ON GONDOLAS**

<table>
<thead>
<tr>
<th>Shelf</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
<th>Inch/lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>7&quot; + 4&quot;</td>
<td>11&quot;</td>
<td>300 lbs.</td>
<td>3,300 inch/lbs.</td>
</tr>
<tr>
<td>A2</td>
<td>7&quot; + 4&quot;</td>
<td>11&quot;</td>
<td>400 lbs.</td>
<td>4,400 inch/lbs.</td>
</tr>
<tr>
<td>A3</td>
<td>9&quot; + 4&quot;</td>
<td>13&quot;</td>
<td>500 lbs.</td>
<td>6,500 inch/lbs.</td>
</tr>
</tbody>
</table>

**SIDE A TOTAL** = 14,200 inch/lbs.

<table>
<thead>
<tr>
<th>Shelf</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
<th>Inch/lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>6&quot; + 6&quot;</td>
<td>12&quot;</td>
<td>300 lbs.</td>
<td>3,600 inch/lbs.</td>
</tr>
<tr>
<td>B2</td>
<td>6&quot; + 6&quot;</td>
<td>12&quot;</td>
<td>300 lbs.</td>
<td>3,600 inch/lbs.</td>
</tr>
<tr>
<td>B3</td>
<td>8&quot; + 6&quot;</td>
<td>14&quot;</td>
<td>300 lbs.</td>
<td>4,200 inch/lbs.</td>
</tr>
</tbody>
</table>

**SIDE B TOTAL** = 11,400 inch/lbs.

**COLUMN LOADING**

Column loading is the vertical load, measured in pounds, that can be applied on any upright. Each upright bears ONE HALF OF THE LOAD OF EACH SHELF THAT IT SUPPORTS. MAXIMUM COLUMN LOAD IS 4,500 POUNDS, DO NOT EXCEED!

750 lbs. + 750 lbs. = 1500 lbs.
1500 lbs. divided by 2 = 750 lb. column load on the center upright

**WALL SECTIONS**

<table>
<thead>
<tr>
<th>Section</th>
<th>Weight</th>
<th>Inch/lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front View</td>
<td>500 lbs. + 500 lbs. = 1000 lbs.</td>
<td>1000 lbs. divided by 2 = 500 lb. column load on the center upright</td>
</tr>
</tbody>
</table>

**SAFE - 2,800 INCH/LBS**

DOES NOT EXCEED 15,000 INCH/LBS MAXIMUM
FIXTURE LOADING - PRODUCT SAFETY

WARNING! DO NOT EXCEED ANY OF THE MAXIMUM LOAD LIMITS IN THE FOLLOWING SECTIONS!

OFFSET LOADING
Offset loading is measured in inch/pounds and represents the bending load at the base shoe connection and the upright. To determine if you exceed the load limit of the fixture, take the difference between the larger inch/lb. calculations on one side of the fixture and the inch/lb. calculations on the other. THIS DIFFERENCE CANNOT EXCEED 15,000 INCH/LBS. In the case of wall sections, the calculation for the one side CANNOT EXCEED 15,000 INCH/LBS.

EVENLY LOADED SHELVES ON GONDOLAS
Divide each shelf depth by 2...multiply times the weight on shelf to determine individual shelf load.

\[ \text{SIDE D TOTAL} = 11,800 \text{ inch/lb s.} \]

\[ \text{SIDE E TOTAL} = 8,700 \text{ inch/lb s.} \]

\[ \text{SAFE! 3,100 INCH/LBS. DOES NOT EXCEED 15,000 INCH/LBS. MAXIMUM} \]

EVENLY LOADED SHELVES ON WALL SECTIONS
Divide each shelf depth by 2...multiply times the weight on shelf to determine individual shelf load.

\[ \text{SIDE F TOTAL} = 11,800 \text{ inch/lb s.} \]

\[ \text{SAFE! 11,800 INCH/LBS. DOES NOT EXCEED 15,000 INCH/LBS. MAXIMUM} \]
RE-LEVELING OF OFFSET LOADED FIXTURES

AFTER THE FIXTURE IS LOADED, IF A GAPPING OF THE SHELVES APPEARS ON THE HEAVILY LOADED SIDE, IT IS POSSIBLE THE ORIGINAL INSTALLATION IS THE CAUSE. CHECK THESE TWO CONDITIONS BEFORE PROCEEDING!

1. ALL UPRIGHTS MUST BE AT THE SAME HEIGHT!
   A. Visually sight across the top of the fixture to check for high or low uprights.
   B. If a row of shelves at a particular upright appear to rise or sag at this indicates an unlevel section.

   TO CORRECT: Pull a string across the top of the uprights from end to end.
   IF THE UPRIGHT IS TOO LOW on lightly loaded section...
     a. Raise base shoe levelers on each side equally until upright touches stringline.
   IF UPRIGHT IS TOO HIGH on lightly loaded section...
     a. Remove kickplates on both sides of the low upright.
     b. Screw upright leveler out, or down, raising the top upright until it touches stringline.
     c. Screw base shoe levelers down an equal number of turns until base shoes lock up against the upright.

   IF UPRIGHT IS TOO HIGH on lightly or heavily loaded section...
     a. Remove kickplates on both sides of the high upright.
     b. Screw upright leveler up into upright, this may solve the "too high" problem, if not....
     c. Screw loose shoe levelers up into shoe an equal number of turns until top of upright touches stringline.

2. NONE OF THE SECTIONS IN THE RUN HAVE BEEN MOVED OUT OF ALIGNMENT
   A. Visually sight along the front of the base shelves.
   B. Compare the front of the base shelves to a tile line.

   TO CORRECT: Facing the wedge shaped gap areas, physically push the section back into line, closing the gaps. Depending on the merchandise, it may be necessary to unload or partially unload the section before moving. Attempt to move the section by applying foot pressure at the kickplate joint only...
   if not possible,
     a. Place a 2 x 4 block against the kickplate joint and tap back into alignment...or...
     b. Use a jack and 2 x 4 block against kickplate joint...jack should be braced across the aisle against a long 2 x 4 spanning several kickplate joints.

   IF THE ABOVE CONDITIONS ARE NOW CORRECT, look for shelf gaps on the heavily loaded side...the base shelf joint will be tight, but the upper shelves will have increasingly larger wedge shape gaps at the top, REMOVE KICKPLATES ON BOTH SIDES FOR AT LEAST ONE SECTION ON EITHER SIDE OF THE HEAVILY LOADED SECTION.

   ON THE LIGHTLY LOADED SIDE,
     a. Run upright levelers down to the floor.
     b. Run base shoe leveler up into shoe until the pressure is off of it...1/4" free movement.

   THEN...ON THE HEAVILY LOADED SIDE,
     c. Begin at the first heavily loaded upright TO YOUR RIGHT, facing the heavily loaded side...run the base shoe leveler down until all the shelf gaps at that upright close tightly.
     d. Repeat c. with remaining heavily loaded uprights, WORKING TO YOUR LEFT.

   THEN...ON THE LIGHTLY LOADED SIDE,
     e. Run loose levelers down until shoe locks up against the upright.
     f. Replace kickplates on both sides.

CAUTION!
CARE SHOULD BE TAKEN TO AVOID ACCIDENTS / INJURY WHILE ADJUSTING MERCHANDISED FIXTURES!

CAUTION!
DO NOT MOVE LOADED FIXTURES ALWAYS REMOVE MERCHANDISE TO MOVE ANY FIXTURE.

DO NOT ATTEMPT TO ADJUST FIXTURES THAT ARE ALREADY ANCHORED

POST THIS ENTIRE PAGE IN A CONSPICUOUS PLACE, CLEARLY VISIBLE TO ALL STORE PERSONNEL