

**Cantilever Storage System**

Cantilever Storage System is constructed of Maxi Line components, and it provides a unique look and construction. In order to use the system properly and safely, please follow the instructions below.

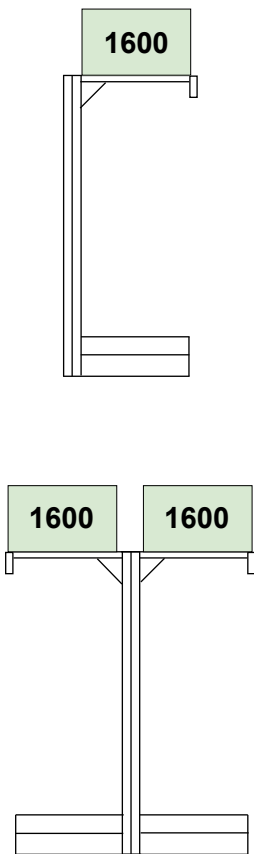
1. Whenever the system is installed it must always be with:
  - a. Double Welded Uprights
  - b. Double Stacked Shoes

THERE ARE ABSOLUTELY NO EXCEPTIONS!
2. The Cantilever Arms may not be deeper than the Base Shelves.
3. Load capacities are listed below.
4. Cantilever Arms may not be used higher than 144" (3658 mm).
5. Madix may approve use in an application other than listed below only after testing the specific application and by mutual understanding of the use and limitations of the system by the user.

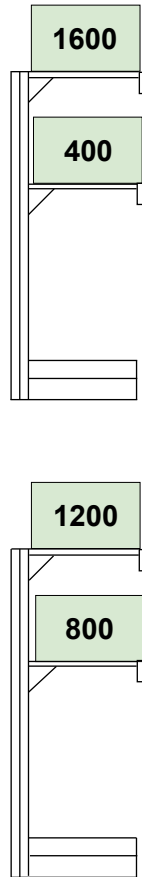
**NOTE:** HAND STACK ONLY!  
 Powered fork trucks on stackers are not recommended for use on Cantilever Storage System

*All examples below are for 8' (2,438 mm) sections, divide by 2 for 4' (1219 mm)*

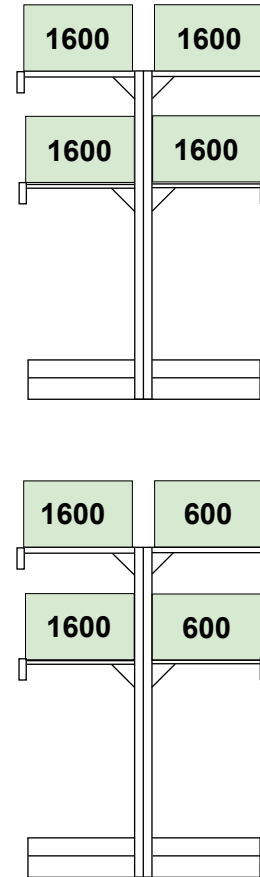
*Wall or Gondola runs with a single Cantilever*  
 Load capacity 1600 lbs



*Wall runs with two Cantilever levels*  
 Can not exceed 1600 lbs on any single 8' level and may not exceed 2000 lbs



*Gondola runs with two Cantilever levels*  
 Load capacity per level 1600 lbs  
 Load capacity per side 3200 lbs

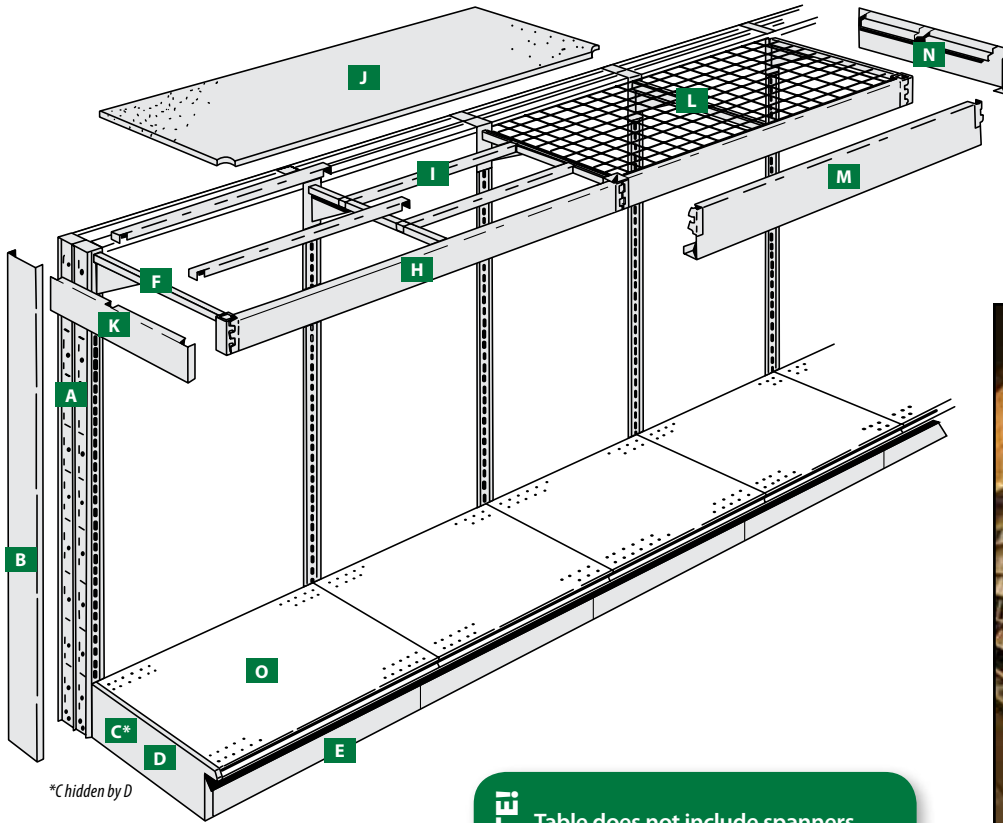


If offset loaded, the offset load difference cannot exceed 28,000 inch-lbs.

**cantilever storage system**

### Cantilever Storage System

Madix Cantilever storage system has an advantage over other overhead storage systems, discarding the vertical supporting members for the beams. This concept allows better customer visibility and access to product as well as easier floor care. A choice of one or two deck levels are available, with wood or wire grid decks. Light Canopies are an attractive option available for Cantilever Systems. The Light Canopy attaches to the Cantilever Arms.



\*C hidden by D

**NOTE!** Table does not include spanners, back panels, light fixtures, or tubes



cantilever storage system

Cantilever Components	Part Number	Quantity per Section			
		Gondola		Wall	
		Start	Add	Start	Add
<b>A</b> Back-to-Back Upright	BBWBU-(NH)	2	1	2	1
<b>B</b> Back-to-Back Upright End Cover	UECBBU-(NH)	2	0	2	0
<b>C</b> Back-to-Back Base Shoe	BBBS-(ND)	4	2	2	1
<b>D</b> Back-to-Back Base End Cover	BBBEC-(ND)	2 pair	0	1 pair	0
<b>E</b> Back-to-Back Kickplate	BBKP-(NW)	1	1	1	1
<b>F</b> Cantilever Tubular Arm, with upright	HM(OPT)C-(ND)	2	1	2	1
<b>G</b> Cantilever Tubular Arm, no upright	HMRDCNN-(ND)	1	1	1	1
<b>H</b> Cantilever Front Beam, Regular Duty, Lengths: 72", 84", 96"	HMRDFB(NL)-U	1	1	1	1
<b>I</b> Cantilever Deck Support (not required under HMCWGS)	HMCDS-(NW)	2	2	2	2
<b>J</b> Cantilever Deck, Wood, Lengths: 72", 84", 96"	HMCD-(ND)(NW)	1	1	0	0
<b>K</b> Cantilever Beam Side Cover, Regular Duty	HMRDBSC-(ND)	1 pair	0	0	0
<b>Options</b>					
<b>L</b> Cantilever Wire Grid Deck, 2-piece, Lengths: 36", 48"	HMCWGS-(NL)(NW)	0	0	1	1
<b>M</b> Cantilever Front Canopy, Lengths: 72", 84", 96" (replaces HMRDFB)	HMRDFC-(NW)	1	0	0	0
<b>N</b> Cantilever Side Canopy (replaces HMRDBSC)	HMRDSC-(ND)	1 pair	0	0	0
<b>O</b> Standard Base Shelf	SBS-(NW)(ND)	2	2	1	1

### Cantilever Components

**NOTE!**

Use only Cantilever components listed within this section  
Do not mix components from other systems

#### A Back-to-Back Basic Upright

- Two Standard Basic Uprights welded into single rigid unit
- 28,000 inch-pound load rating, to support offset loading of Cantilever System

#### BBWBU-(NH)

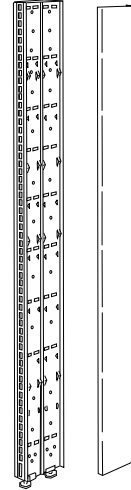
- BBW.....Back-to-Back Welded
- BU.....Basic Upright
- NH.....Nominal Height 84" to 120" in 6" increments (2134 mm to 3048 mm in 152 mm increments)

#### B Back-To-Back Upright End Cover

- Cover to trim end uprights of Back to Back Cantilever runs

#### UECBBU-(NH)

- UEC.....Upright End Cover
- BBU.....Back-to-Back Basic Upright
- NH.....Nominal Height 84" to 120" in 6" increments (2134 mm to 3048 mm in 152 mm increments)

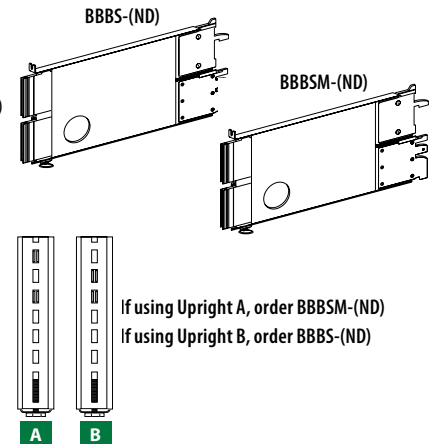


#### C Back-to-Back Base Shoe

- Two base shoes welded into stacked configuration to give additional support at lower section of Back to Back Upright
- All new Back to Back Upright orders will require Modified Back to Back Base Shoe [BBBSM-(ND)]

#### BBBSM-(ND)

- BBBSM.....Back-to-Back Shoe Modified
- ND.....Nominal Depth 18" to 30" in 2" increments (457 mm to 762 mm in 510 mm increments)

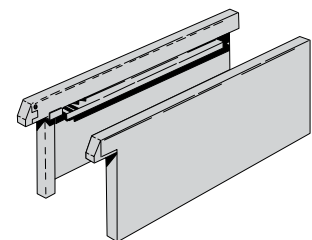


#### D Back-to-Back Base End Cover

- Trim Base Ends of Back to Back Cantilever runs
- Uneveled Base Shelf height of Cantilever runs is 9½" (242 mm)

#### BBBEC-(ND)

- BBBEC.....Back-to-Back Base End Cover
- ND.....Nominal Depth 18" to 30" in 2" increments (457 mm to 762 mm in 510 mm increments)

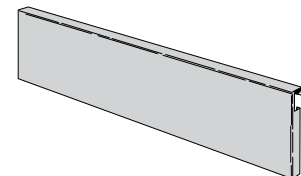


#### E Back-to-Back Kickplate

- Standard kickplate in extended height to close off Base Shoes of Back to Back Cantilever runs
- Full floating feature to fit flush against uneven floors

#### BBKP-(NW)

- BBKP.....Back-to-Back Kickplate
- NW.....Nominal Width 3'=36" (914 mm) 4'=48" (1219 mm)

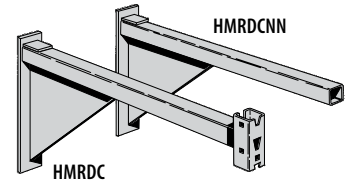


**F G Cantilever Tubular Arms**

- Available in two styles:  
 HMRDC used where Hypermaxi beam or cantilever front canopy is hooked (includes a receiver for the beam clips)  
 HMRDCNN used in alternating uprights where it only supports the decks and deck supports (does not include a receiver for the beam clips)

**HMRD(OPT1)(OPT2)-(ND)**

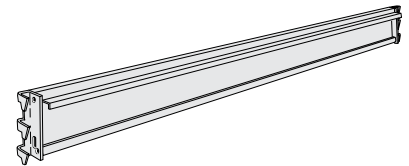
- HM.....Hypermaxi
- RD.....Regular Duty
- CN.....C=Cantilever Tubular Arm with Upright  
 CN=Cantilever Tubular Arm (No Nose=No Upright)
- N.....Blank=Nose  
 N=No Nose
- ND.....Nominal Depth 18" to 30" in 2" increments  
 (457 mm to 762 mm in 510 mm increments)



**H Cantilever Regular-Duty Beam HMRDFB(NL)-U**

- Standard Hypermaxi Beam carries the load at the front of Wood or Wire Grid Decks, no rear beam is used

- HMRDFB.....Hypermaxi Beam Regular-Duty
- (NL)-U.....Nominal Length 72", 84", 96"  
 (1829 mm, 2134 mm, 2438 mm)

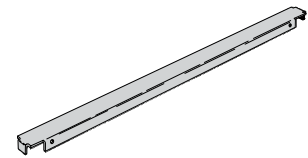


**I Cantilever Deck Support**

- Heavy gauge channel notched at ends to fit over Cantilever Tubular Arms
- Two required per 3' or 4' (914 mm or 1219 mm) section, each level, of Back-to-Back shelving

**HMCDS-(NW)**

- HMCDS.....Cantilever Deck Support
- NW.....Nominal Width 36" or 48"  
 (914 mm or 1219 mm)

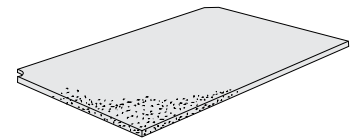


**J Cantilever Deck**

- Durable 5/8" (16 mm) particle board
- Notched at two front corners to fit around Hypermaxi Upright segment of with Upright Cantilever Tubular Arm

**HMCD(ND)(NL)**

- HM.....Hypermaxi
- CD.....Cantilever Deck
- ND.....Nominal Depth 18" to 30" in 2" increments  
 (457 mm to 762 mm in 510 mm increments)
- NL.....Nominal Length 36", 48", 72", 84", 96"  
 914 mm, 1219 mm, 1829 mm, 2134 mm, 2438 mm

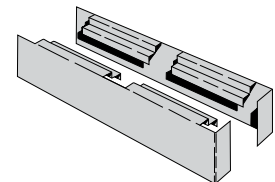


**K Cantilever Beam Side Cover**

- Sold only in pairs
- 4 1/2" (115 mm) cover is designed to present a more finished appearance around ends of Cantilever Upper Deck
- Pre-formed tabs along top accept and support Wood or Wire Grid Decks
- This cover is used only with Hypermaxi Beams, not the Cantilever Front Canopy

**HMRDBSC-(ND)**

- HM.....Hypermaxi
- RD.....Regular-Duty
- BSC.....Beam Side Cover
- ND.....Nominal Depth 18" to 30" in 2" increments  
 (457 mm to 762 mm in 510 mm increments)

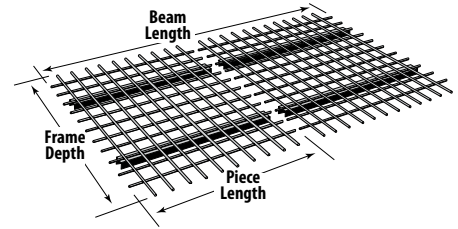


**L Cantilever Wire Grid Decks**

- Sturdy approximately 5/16" (8 mm) diameter gauge wire is welded on 3" (76 mm) grid centers to form decking
- Supports are welded to wire
- Standard finishes: Silver Vein, Sahara, or Blue Gray

**HMCWGS(ND)(NL)**

- HM.....Hypermaxi
- WMS.....Cantilever Wire Grid Deck
- ND.....Nominal Frame Depth 18" to 30" in 2" increments (457 mm to 762 mm in 51 mm increments)
- NL.....Nominal Piece Length 36", 48" (914 mm, 1219 mm)



	Nominal Beam Length	Combine Piece Lengths to Equal Beam Length
Two Piece Decks	72"	36" + 36"
	84"	36" + 48"
	96"	48" + 48"

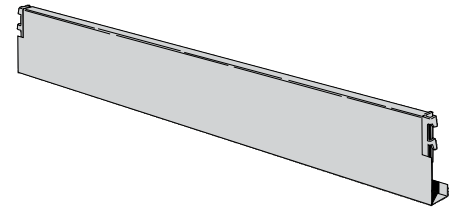
• Wire grid piece length runs parallel to beam length

**M Cantilever Front Canopy**

- 8½" (216 mm) high and has beam brackets inset at each end to engage the upright segment of the Cantilever Tubular Arms
- Canopy will accommodate decks
- Lights may be mounted on underside of Cantilever Tubular Arms

**HMRDFC-(NL)**

- HM.....Hypermaxi
- RD.....Regular-Duty
- FC.....Front Canopy
- NL.....Nominal Length 72", 84", 96" (1829 mm, 2134 mm, 2438 mm)

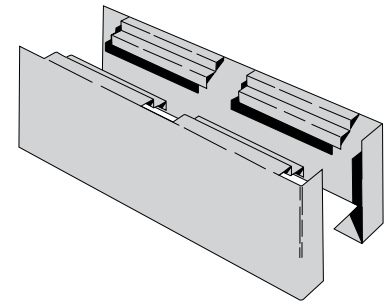


**N Cantilever Beam Side Cover**

- Sold in pairs only
- 8¾" (222 mm) cover designed to present a more finished appearance around the ends of Cantilever Upper Deck
- Features tabs that wrap around front of Cantilever Front Canopy
- Pre-formed tabs along the top accept and support Wood or Wire Grid Decks

**HMRDSC-(ND)**

- HM.....Hypermaxi
- RD.....Regular-Duty
- SC.....Side Cover
- ND.....Nominal Depth 18" to 30" in 2" increments (457 mm to 762 mm in 51 mm increments)

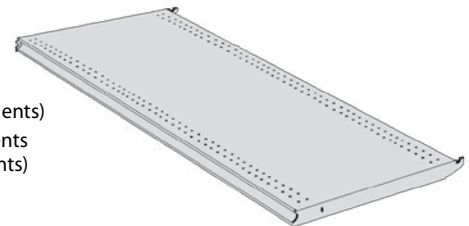


**O Standard Base Shelf<sup>A</sup>**

- Formed price tag molding matches molding on upper shelves (see SUS)
- Heavy-gauge shelf bracket features lock tab to ensure quick installation and precision alignment
- Load capacity 600 lbs in all sizes, based on evenly distributed static loading
- For additional load capacity see Base Load Levelers
- Flush Front option available

**SBS-(NW)(ND)**

- SBS.....Standard Base Shelf
- NW.....Nominal Width 2' to 4' in 6" increments (610 mm to 1219 mm in 152 mm increments)
- ND.....Nominal Depth 12" to 30" in 2" increments (305 mm to 762 mm in 51 mm increments)



**Configurable Options**

**TYPE-OPT**

- TYPE.....Blank=Perforated, NP=Non-Perforated
- OPT.....Optional Covering  
L=Laminate, C=Carpet, F=Fabric

**Finish Code**

**FIN1-FIN2**

- FIN1 .....Shelf
- FIN2.....Tag Mold Option  
BLANK=Painted Color of Shelf  
DGA2M=Mirror Finish  
DGA2G=Gold Finish  
DGA2P=Powder Coat Finish - Different from Shelf  
DGA2A=Silver Finish

