

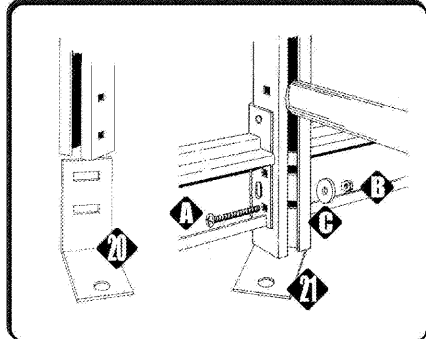
**WIDE SPAN SHELVING ASY 061**

PAGE 7 OF 10

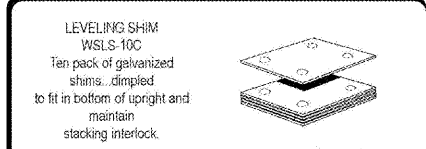
**INSTALLATION OF EXTRAS**

NOTE! IF FRAME HEIGHT, OR TOTAL HEIGHT OF CONNECTED FRAMES, IS MORE THAN SIX TIMES THE FRAME DEPTH...FRAMES MUST BE SECURED WITH FLOOR ANCHORS.

20 Insert floor anchors into the bottom of each frame. They will only insert at 45° to the frame. Make sure that anchors are inserted so that they will not project into aisles or cross aisles.



21 Follow directions on page 4 to step 6, except do not install dart clips on bottom beams. Secure beams to frames through the floor anchor as shown. The screw will go through at one of the two locations, depending on the beam size.



**LEVELING SHIM WLSL-10C**  
Ten pack of galvanized shims... dimpled to fit in bottom of upright and maintain stacking interlock.

22 Check run alignment to chalkline prior to drilling floor for expansion bolts. Due to varying floor conditions, expansion bolts must be ordered separately. If they were not ordered initially, but are required, see page 8 to order from Madix or purchase locally.

**WSFA-2 HARDWARE PACK #7200-080**

QTY.	ITEM DESCRIPTION
2	1/4" - 20 x 2 1/2" round head machine screw
2	1/4" - 20 hex nut
2	1/4" flat washer

Ⓐ indicates item, where used.

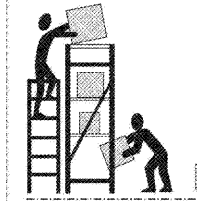


**TOP CAP WSTC-□-□L**  
Packs of 4 or 48 clear plastic top caps, two per frame. Tap into top of each frame upright.

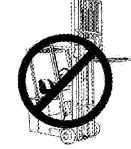
**WIDE SPAN SHELVING ASY 061**

PAGE 8 OF 10

**LOAD SAFETY**

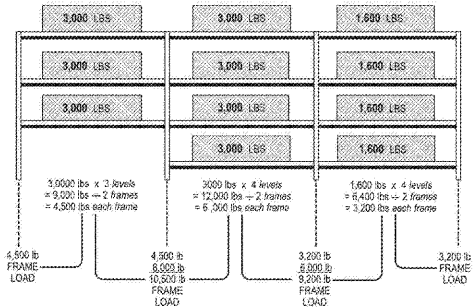


HAND STACK ONLY!  
POWERED FORK TRUCKS OR STACKERS ARE NOT RECOMMENDED FOR USE ON WIDE SPAN SHELVING



**FRAME LOADING**

Frame loading is the vertical load, measured in pounds, that can be applied on any Wide span frame. Each Wide span frame will bear ONE HALF OF THE LOAD ON EACH BEAM PAIR that it supports. ALL FRAMES HAVE 10,000 POUND LOAD CAPACITY!



BEAM LENGTH	LIGHT DUTY	REGULAR DUTY	HEAVY DUTY	# OF DECK SUPPORTS
48"	1000 #	1600 #	3000 #	2
60"	1000 #	1600 #	3000 #	3
72"	1000 #	1600 #	3000 #	3
84"	1000 #	1600 #	3000 #	3
96"	1000 #	1600 #	3000 #	3

\* Based on evenly distributed loads  
\* Based on 96" beam length, all frame widths

**WIDE SPAN SHELVING ASY 061**

PAGE 9 OF 10

**SAFETY DURING INSTALLATION**

**GENERAL**

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

**RACKING FRAMES / BEAMS**

- Observe all cautions in the installation instructions on the use of powered lifts.
- A minimum of two people are required to erect frames taller than 8'.
- Be sure beams and accessories are completely seated and locked or secured in frame slotting.
- adders, if used, should be at least frame height.
- Never stand on lower beams to install upper beams.
- Do not walk on decks, especially wire grid.
- Never try to move a completed racking run, especially if merchandised.

**WIDE SPAN SHELVING ASY 061**

PAGE 10 OF 10

**ANCHORING TO THE FLOOR**

**EXPANSION BOLTS FOR FLOOR ANCHORS**  
...50 expansion bolts, 3/8"-16 x 3 1/2" POWER/STUD/Power-Stud+SD2 concrete anchors or other ICC (ICBO) approved expansion bolts.

**SFA-EB50:** See below for other ICC (ICBO) approved expansion bolts which may be used.

NOTE! The expansion anchors provided by Madix for floor anchoring at this site have been supplied by one of the firms listed below. All the anchors have been tested and approved as stated by the following ICC (ICBO) report numbers and all are manufactured in the United States or Canada. If the anchors are not provided by Madix and field substitution other than listed be proven, Madix cannot be held responsible. Should verification be required, call Madix Customer Service at: 800.776.2349

FIRM	ANCHOR TYPE	ICC (ICBO) #
COBRA ANCHORS CORP.	Parawedge concrete anchors	ER-2350 S1
DIVERSIFIED FASTENING SYSTEMS, DFS	Wedge anchor	ER-4194 S1
GUNNEBO FASTENING CORP.	Drop-in concrete anchors	ER-3074 S1
HILTI, INC.	Kwik-bolt-TZ concrete anchors	ESR-1100
MKT FASTENING	High Load Anchor SZ	AC-193
ITW RAMSET/RED HEAD	ITW Ramset stud, Trubolt wedge concrete anchors	ESR-2251
MARKSMAN MANUFACTURING CO.	Thundersud wedge and sleeve anchor	ER-2713 S1
POWERS FASTENING INNOV.	Power-Stud+SD2 concrete anchors	ESR-2502
WEJ-HT	Wej-HT anchors bolt and ANKR-TITE wedge anchor	ER-1825
CYW, INC.	POWER BULL Wedge anchor	ESR-2254

\*Embedment must be minimum 5x bolt diameter.

**OTHER ICC (ICBO) APPROVED ANCHORING MATERIALS:** Not furnished by Madix

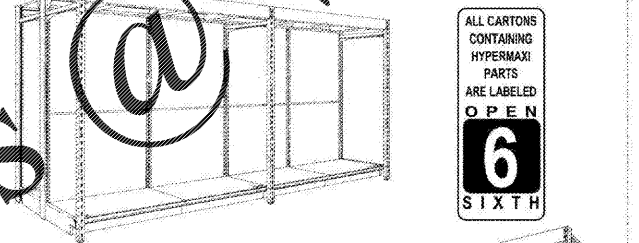
**PNEUMATIC OR POWDER-DRIVEN STEEL BOLTS AND NAILS**  
HILTI, INC., Hilti low velocity powder actuated pneumatically driven fasteners ..... ESR-1663  
ITW RAMSET/RED HEAD, Ramset Powder-Actuated and PowerPoint fasteners ..... ESR-1799

**ADHESIVE/ EPOXY ANCHORS**  
HILTI, INC., HIT-HY 150 Adhesive anchor system ..... ESR-2878  
ITW RAMSET/RED HEAD, ITW Red Head Epon system Ceramic 8+ epoxy anchors ..... ESR-3577

**HYPERMAXI ASY 083**

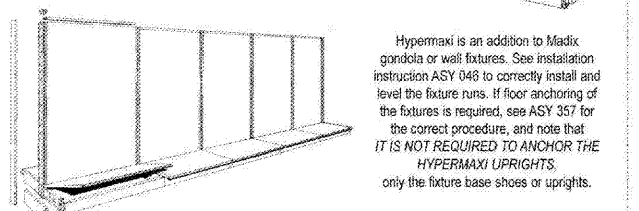
PAGE 1 OF 8

**INSTALLATION INSTRUCTIONS**



PAGE 2-3 PARTS IDENTIFICATION  
PAGE 4-6 BASIC INSTALLATION  
PAGE 7 INSTALLATION OF EXTRAS  
PAGE 8 SAFETY/LOAD CAPACITY

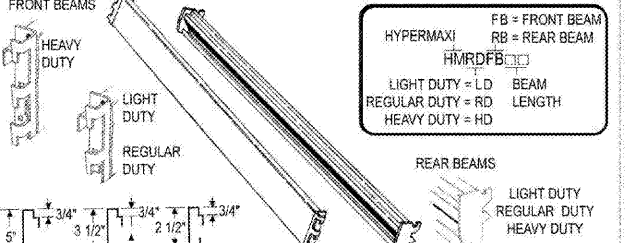
**NOTE!**  
This publication is intended to be a generic installation instruction for Madix Hypermaxi, and may possibly be subject to change as required by local building codes. Consult the building inspection department at job site.



**HYPERMAXI ASY 083**

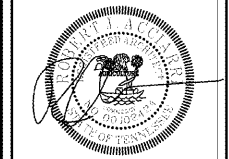
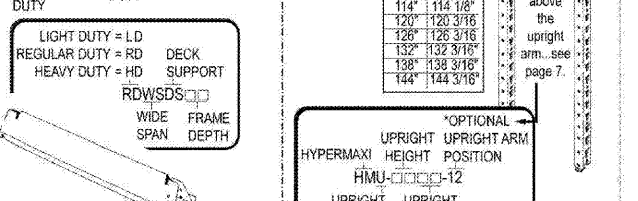
PAGE 2 OF 8

**PARTS IDENTIFICATION**



Deck Supports	Beams
Upright Depth	Actual Length
18"	20"
20"	24"
22"	28"
24"	32"
28"	36"
30"	44"

Upright Depth	Actual Upright Depth	Actual Upright Height	Actual Upright Height
18"	20"	72"	48 1/8"
20"	24"	84"	60 1/8"
22"	28"	96"	72 1/8"
24"	32"	108"	84 1/8"
28"	36"	120"	96 1/8"
30"	44"	144"	114 1/8"



**ARCHITECTS, INC.**  
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Phone (216) 521-5134 Fax (216) 521-4824  
www.adaarchitects.com

**HARBOR FREIGHT TOOLS**  
705 WYATT ROAD NORTHWEST CLEVELAND, TN 37312

DO NOT SCALE THESE DRAWINGS

REVISIONS	DATE	TYPE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

RACKING / FIXTURE SPECIFICATIONS AND DETAILS

DATE 06/02/20  
JOB NO. 19155

**A1.9**  
SHEET NO.