

# UNIRAK STORAGE SYSTEMS



Custom rack  
shipped on time  
or common rack pulled  
from our **STOCK SOLUTIONS**  
Quick Ship program, we are  
"The Universal Rack"

**UNIRAK.COM**

(unfold)



**Proven Performance  
Powder Coated Tuff  
Pallet / Selective Racks &  
Industrial Shelving**





# STORAGE SYSTEM FRAME & BEAM CAPACITIES

## Note:

□ All UNIRAK beams have factory installed removable safety locks and *three* load bearing studs per endplate, not two like some inferior designs.

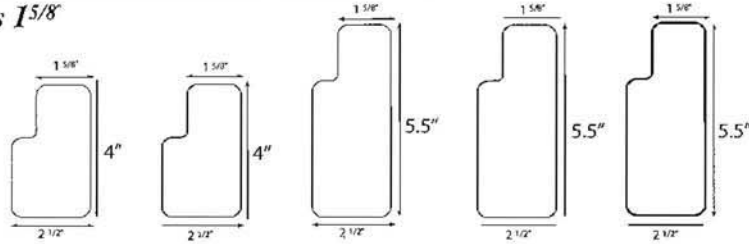
□ No loose hardware assures simplified beam and rack installation and relocation.

□ When beams 108" or longer are used, front to back ties are recommended to prevent lateral deflection. (see UA206 Ref. C)

□ Advise sales representative if decking is used for proper design specification.

## UNIRAK 1 5/8" Step Beam Capacities

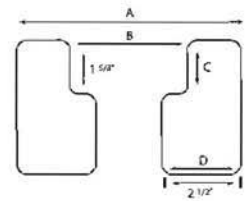
### All Steps 1 5/8"



Length (inches)	SB40	SB41	SB550	SB551	SB552
48	8700	9550	12600	12600	12600
72	5400	6000	9200	10600	11500
96	4030	5050	7000	8620	9370
102	3650	4800	6750	8100	8860
108	3300	4300	6620	7950	8580
120	2550	3500	5200	6880	7600
144	1800	2300	4000	5260	6000

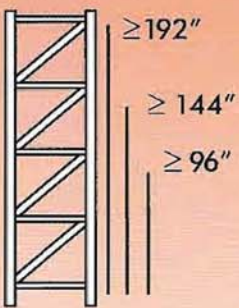
\*Lengths from 48" to 144" in 1" increments. Capacities shown per pair of beams.

### Deck Info:



- A) Equal to depth of frame
- B) Subtract 3 1/4" from 'A'
- C) 1 5/8" Steps
- D) Bottom thickness is 2 1/2"

### Standard Frame Panels:



### Purchase Wise...

Cross section dimensions, gauge & gauge ranges, beam levels & placement, number & placement of horizontals and diagonals ALL impact rack capacity.

We employ state-of-the-art design and manufacturing processes to safely maximize your return on investment. Want design spec? Just ask.

## UNIRAK Upright Frame Capacities

Shelf Spacing	UFL18	UFH29	UFH30	UFH37
	14,300 lbs. 3" x 1 5/8" Column 14GA HS	19,500 lbs. 3" x 3" Column 14GA HS	28,600 lbs. 3" x 3" Column 13GA HS	32,800 lbs. 3" x 3" Column 12GA HS
36	18800	24400	41500	47600
42	17600	23000	37200	42900
48	16000	21200	32900	37800
54	14300	19500	28600	32800
60	13000	18000	25000	28700
66	11700	16400	22600	26000
72	10300	14700	20100	23000
78	9100	13200	17900	20400
84	8000	11700	16000	18100
90	7100	10500	14200	16100
96	6400	9400	12500	14500

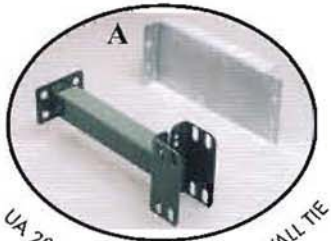
Above components meet or exceed AISI & RMI capacity & deflection specifications. Additional safety factors of 1.67:1 and 1.92:1 on beams and frames respectively.



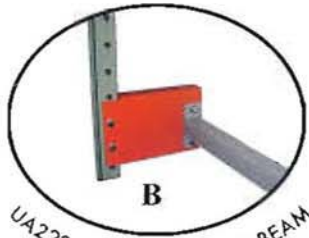
# UNIRAK STORAGE SYSTEM ACCESSORIES

## Maximize Your Space Utilization

A. Adds stability & maintains spacing, UA203 most common.

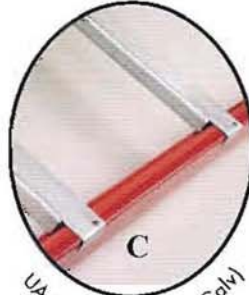


UA 204 HD & UA 203 (Galv) WALL TIE



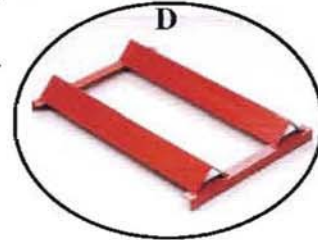
UA222 PALLET BACKSTOP BEAM

B. Additional safety & placement guide. Use with wire decks and/or UA206's.



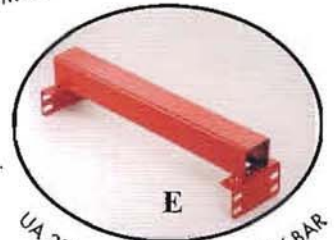
UA 206 CROSS BAR (Galv)

C. Front-to-Back safety bar to help prevent misplaced pallet fall through. Also used as a deck support and prevents lateral deflection when fixed in place.



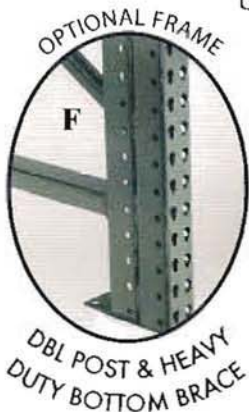
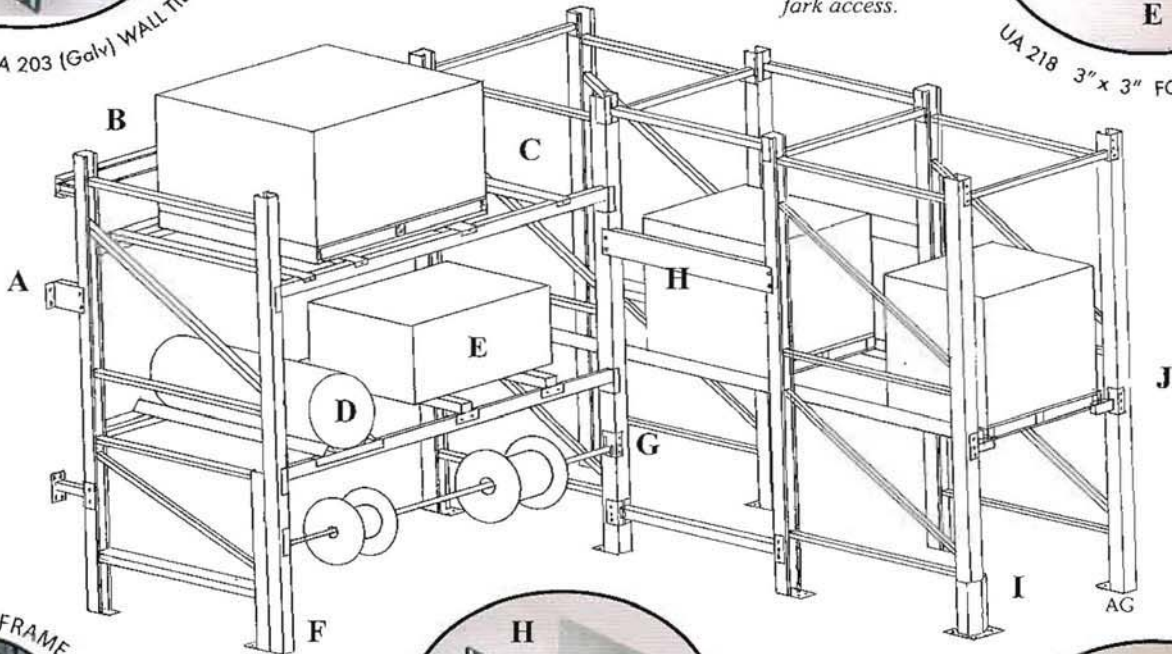
UA211 DRUM BED

D. For storage of cylindrical items. One piece welded construction.



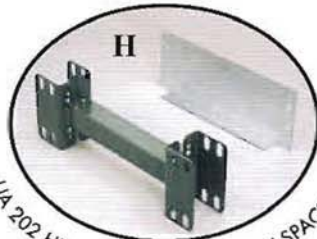
UA 218 3" x 3" FORK ENTRY BAR

E. For unpalletized loads. Provides ample clearance for forklift access.



DBL POST & HEAVY DUTY BOTTOM BRACE

F. For high abuse areas where UA217's aren't enough. Out performs tubular posts with 100% greater cross section. Shown with optional HD Bottom Brace.



UA 202 HD & UA 201 (Galv) ROW SPACER

H. Adds stability and maintains spacing, UA201 most common.

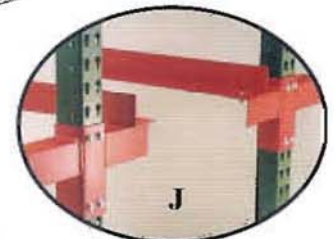


UA 212 REEL HOLDER

G. Store/dispense spooled product. Accepts up to 1.25" axles, sold in pairs.



UA 217 POST PROTECTOR



UNIRAK DRIVE-IN

J. UNIRAK Drive-In Systems are engineered to your application. Request DI spec. form.

I. Full 1/4" steel, 3" wraparound and (4) anchor holes. 12" & 24" standard.

Many accessories can be custom made (ie. conduit  $\Sigma$  dividers, solid steel decks, etc.)  
Let us provide a solution to your unique storage requirement.

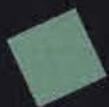




This project created 15,000 pallet locations, 8,000 hand pick locations, and was spread over five DC's across North America. Whether you have a similar challenge, or just need a few sections of rack, UNIRAK is the solution.



**PREMIUM POWDER  
COAT FINISH OPTIONS:**  
(request sample for true color match)



**UNIRAK VISTA GREEN**  
(frame standard)



**UNIRAK SAFETY ORANGE**  
(beam standard)



**UNIRAK TAN**



**UNIRAK YELLOW**



**UNIRAK RED**



**UNIRAK BLUE**



**UNIRAK WHITE**



**UNIRAK GREY**

**HIGH GLOSS POWDER COAT  
EXCELLENT ABRASION RESISTANCE  
FURNITURE GRADE FINISH**

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