

# Ridg-U-Span

All Steel, Adjustable,  
Wide Span Shelving





# Ridg-U-Span Wide Span Shelving

- **Compatible with many competitive designs**
- **All steel construction for strength and rigidity**
- **Optional locking devices for greater safety**
- **Modular design for future expansion**
- **Vertically adjustable on 2" centers**
- **Easy to assemble—boltless connections**

Ridg-U-Span wide-span shelving is an efficient, cost-effective means of storing bulk material.

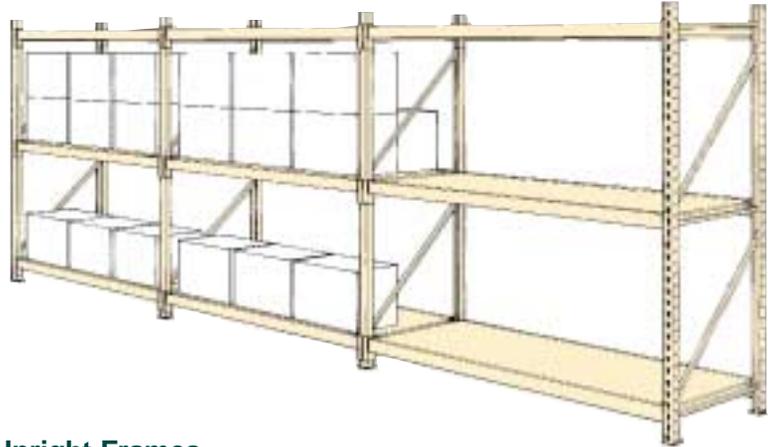
When assembled, Ridg-U-Span's four basic components - upright frames, beams, supports and shelf material - create a rigid and stable hand-loaded, bulk storage system. Optional locking devices provide additional security from accidental dislodgement of beams from upright columns.

Ridg-U-Span's modular design allows a single unit to stand alone or future expansion by use of a common upright frame.

Accessories such as back-to-back ties, bridge beams and adjustable load stops are available to meet your specific storage needs.

The pre-engineering of Ridg-U-Span establishes this bulk storage system as the highest quality, most versatile shelving available.

*Frames and beams shown in the tables are typical—other sizes are available. When using plywood decks, as an example, add 1/2" to length of beam.*



## Upright Frames

All steel construction with welded "C" channel supports—available in a wide variety of sizes and capacities.

## Beams

All steel step-beams with welded, three-lug hook plates accept plywood, particle board, wire or steel shelf material. Beams can be designed to support special load size or capacity.

## Lateral Supports

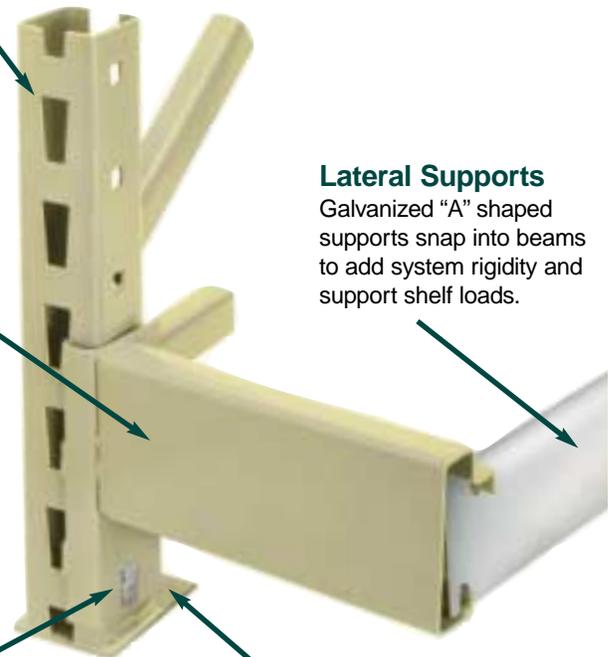
Galvanized "A" shaped supports snap into beams to add system rigidity and support shelf loads.

## Locking Device (Optional)

Snaps into the column to prevent accidental disengagement of the beam from the column. (Bolt connection is also available).

## Foot Plate

Welded foot plate has prepunched, offset anchoring hole to permit on-spot lagging.





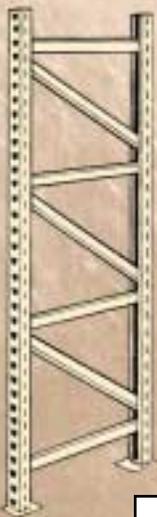
# Ridg-U-Span Wide Span Shelving

## Upright Frames

Upright frames are fabricated of 1-3/4" square columns, rigidly reinforced with welded horizontal and diagonal "C" channel bracing. Foot plates employ an offset anchoring hole to allow on-spot lagging. Shelf placement is vertically adjustable on 2" centers.

Upright frames are available in a variety of standard sizes ranging from 72" to 240" in height. Each upright frame is one continuous component - no splicing required for taller units.

All upright frames have a safety factor of 1.92 based on minimum yield of steel.



*Note:  
Maximum frame  
capacity is  
based on  
vertical beam  
spacing.  
See chart below.*

Vertical Beam Spacing	Frame Capacity lbs.
24"	15,400
36"	11,300
48"	8,100
60"	6,900
72"	5,800
84"	4,900
96"	4,100

	Upright Frame Catalog Number	*Nom. Height	Frame Depth	
	WUF-L-17-6-24	72"	24"	
	**WUF-L-17-6-26.25	72"	26.25"	
	WUF-L-17-6-30	72"	30"	
	WUF-L-17-6-36	72"	36"	
	WUF-L-17-6-42	72"	42"	
	WUF-L-17-6-48	72"	48"	
	**WUF-L-17-6-50.25	72"	50.25"	
	WUF-L-17-7-24	84"	24"	
	**WUF-L-17-7-26.5	84"	26.25"	
	WUF-L-17-7-30	84"	30"	
	WUF-L-17-7-36	84"	36"	
	WUF-L-17-7-42	84"	42"	
	WUF-L-17-7-48	84"	48"	
		**WUF-L-17-7-50.25	84"	50.25"
		WUF-L-17-8-24	96"	24"
		**WUF-L-17-8-26.5	96"	26.25"
		WUF-L-17-8-30	96"	30"
		WUF-L-17-8-36	96"	36"
		WUF-L-17-8-42	96"	42"
	WUF-L-17-8-48	96"	48"	
	**WUF-L-17-8-50.25	96"	50.25"	
	WUF-L-17-10-24	120"	24"	
	**WUF-L-17-10-26.25	120"	26.25"	
	WUF-L-17-10-30	120"	30"	
	WUF-L-17-10-36	120"	36"	
	WUF-L-17-10-42	120"	42"	
	WUF-L-17-10-48	120"	48"	
		**WUF-L-17-10-50.25	120"	50.25"
		WUF-L-17-12-24	144"	24"
		**WUF-L-17-12-26.25	144"	26.25"
		WUF-L-17-12-30	144"	30"
		WUF-L-17-12-36	144"	36"
		WUF-L-17-12-42	144"	42"
		WUF-L-17-12-48	144"	48"
		**WUF-L-17-12-50.25	144"	50.25"
		WUF-L-17-14-24	168"	24"
		**WUF-L-17-14-26.25	168"	26.25"
		WUF-L-17-14-30	168"	30"
		WUF-L-17-14-36	168"	36"
WUF-L-17-14-42		168"	42"	
WUF-L-17-14-48		168"	48"	
		**WUF-L-17-14-50.25	168"	50.25"
		WUF-L-17-16-24	192"	24"
		**WUF-L-17-16-26.25	192"	26.25"
		WUF-L-17-16-30	192"	30"
		WUF-L-17-16-36	192"	36"
		WUF-L-17-16-42	192"	42"
	WUF-L-17-16-48	192"	48"	
	**WUF-L-17-16-50.25	192"	50.25"	

Other upright heights available up to 240".

\* For actual height, add 1/8" for foot plate.

\*\* 50-1/4" frame depth will accept std. 48" wide drop-in decks.  
26-1/4" frame depth will accept std. 24" wide drop-in decks.



# Ridg-U-Span Beams

Frames and beams shown in the tables are typical—other sizes are available.

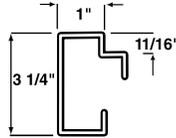


Beams are constructed of a coldformed steel step section with a heavy gauge, three lug hook connector welded to each end of the step section. The smooth face of beam enables easy labeling while minimizing exposed edges. The steps on the beams redesigned to accommodate plywood or particle board drop-in shelves of standard dimensions.

## Open Channel Step Beams

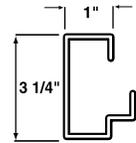
All beams are painted beige unless otherwise specified. All open channel beams require lateral supports. All wide span beams are made with 3 lug-end connectors. All capacities are based on uniform distributed loads. Concentrated loads will greatly decrease a beam's capacity.

WRB-L-17-W-325



WIB-L-17-W-325

(Inverted)



### 3-1/4" Beams

Catalog Number	Beam Length	Capacity Per Pair L/180	Laterals Per Pair*
WRB-L-17-325-48	48"	3,930	1
WRB-L-17-325-60	60"	3,150	1
WRB-L-17-325-72	72"	2,620	1
WRB-L-17-325-84	84"	2,240	1
WRB-L-17-325-96	96"	1,720	2
WRB-L-17-325-108	108"	1,360	2
WRB-L-17-325-120	120"	1,100	2
WRB-L-17-325-132	132"	910	3
WRB-L-17-325-144	144"	770	3

\* Add two additional Lateral Supports when they are used to support particle board or smooth steel decks.

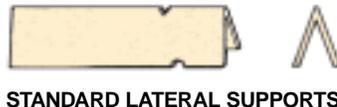
### Lateral Supports

Sixteen gauge, galvanized "A" shaped supports rigidly secure and fasten the beams together while supporting shelf material. Supports can be located anywhere along the beam's length to provide additional support. Galvanized steel finish.

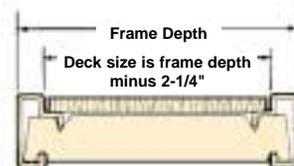
Catalog Number Insert "S" for standard lateral support Insert "I" for inverted lateral support	Beam Height	Frame Depth
WS__-L-325-24	3.25"	24"
WS__-L-325-26.25	3.25"	26.25"
WS__-L-325-30	3.25"	30"
WS__-L-325-36	3.25"	36"
WS__-L-325-42	3.25"	42"
WS__-L-325-48	3.25"	48"
WS__-L-325-50.25	3.25"	50.25"

#### Sample Beam Part Number Explanation

<b>WRB</b>	<b>L</b>	<b>17</b>	<b>253 or 325</b>	<b>96.00</b>
Wide Span Beam	Material Code	Column Size	Beam Height	Beam Length

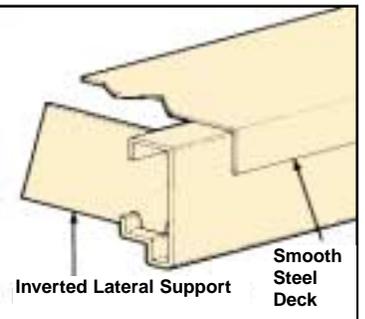


STANDARD LATERAL SUPPORTS



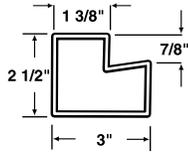
Standard beam arrangement (to use 8' long decks, order beams that are 96-1/2" long).

**Inverted Beams used to handle steel or wire decking**



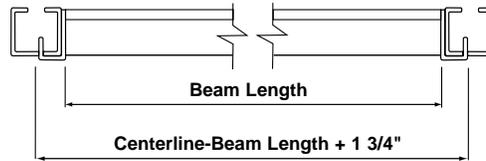
# Closed Tube Step Beams

WRB-L-17-W-253



## 2-1/2" Beams

### HOW TO DETERMINE COLUMN CENTERS



Catalog Number	Beam Length	Capacity Per Pair L/180	Laterals Per Pair
WRB-L-17-W-253-48	48"	4,310	0
WRB-L-17-W-253-60	60"	3,440	0
WRB-L-17-W-253-72	72"	2,650	0
WRB-L-17-W-253-84	84"	1,940	0
WRB-L-17-W-253-96	96"	1,490	0
WRB-L-17-W-253-108	108"	1,180	0
WRB-L-17-W-253-120	120"	950	0
WRB-L-17-W-253-132	132"	790	0
WRB-L-17-W-253-144	144"	660	0

## Crossbars-For WRB-L-17-W-253 Beams Only

### Light Duty Wide Span Crossbar

Length	Catalog Number	Capacity
24"	WCB-S-253-24	580
26.25"	WCB-S-253-26.25	530
30"	WCB-S-253-30	460
36"	WCB-S-253-36	390
42"	WCB-S-253-42	330
48"	WCB-S-253-48	290
50.25"	WCB-S-253-50.25	280

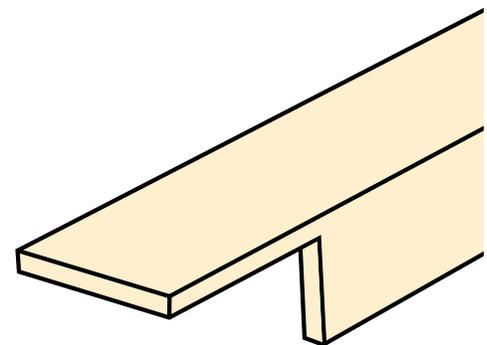
All wide span crossbars are pre-galvanized.

**Sample Crossbar Part Number Explanation**

<b>WCB</b>	<b>S</b>	<b>253</b>	<b>48.00</b>
Wide Span Crossbar	Material Code	Beam Type	Beam Type

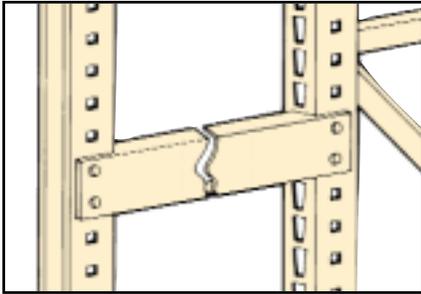
### Heavy Duty Wide Span Crossbar

Length	Catalog Number	Capacity
24"	WCB-H-253-24	930
26.25"	WCB-H-253-26.25	860
30"	WCB-H-253-30	740
36"	WCB-H-253-36	620
42"	WCB-H-253-42	530
48"	WCB-H-253-48	470
50.25"	WCB-H-253-50.25	450

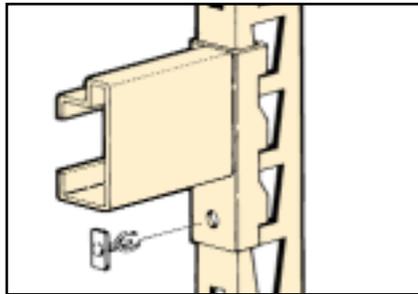


**1-5/8" Angle**

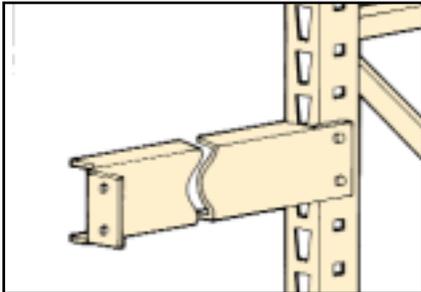
# Ridg-U-Span Accessories



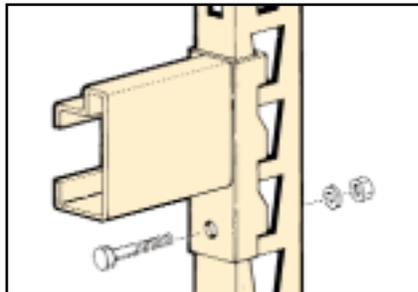
Frame-to-frame spacers



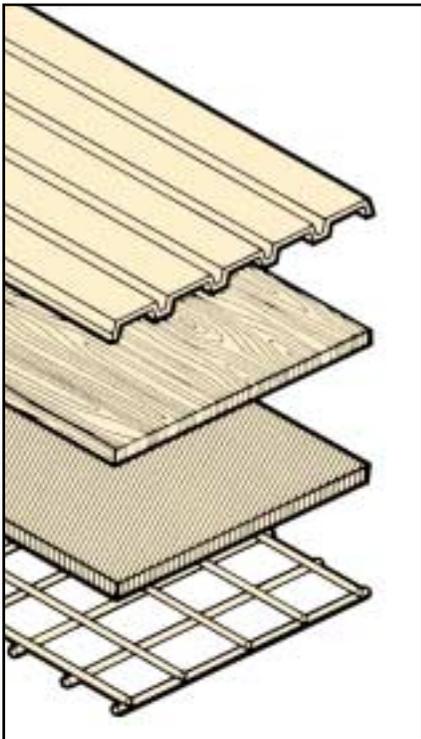
Locking clip-Optional



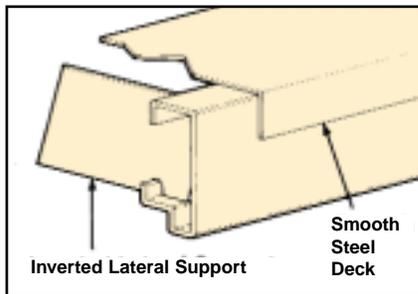
Frame-to-wall spacers



Bolt connections-Optional



Decking Material-plywood, particle board, wire, corrugated, steel and custom designs



Inverted beam arrangement for smooth steel decks

## Other Accessories

- Frame protectors
- Caster mounts
- Adjustable load stops
- Bridge beams (aisle bridges)

Ridg-U-Rak specializes in customized applications. Present us with your ideas. Every effort will be made to produce the results which efficiently and effectively solve your storage requirements.



RIDG-U-RAK, INC. NORTH EAST, PA 16428

*Famous for integrity for over 50 years*

## Ridg-U-Rak Inc.

120 S. Lake Street • North East, PA 16428

Phone: 814-725-8751 • Fax: 814-725-5659

[www.ridgurak.com](http://www.ridgurak.com)