

Mini-Racking



SPIDER® MINI-RACKING SYSTEM

With a wide range of dimensions and options available, industrial-quality Mini-racking units offer an efficient way to store bulky items in a scalable system that easily adapts to specific needs.

The Spider® Mini-racking system is heavy duty, easy to assemble, and is the most versatile and complete solution of its type on the market.

Designed for intensive use, the system helps you to use the space you have available to its full potential, in areas such as warehouses, repair shops and distribution centers.

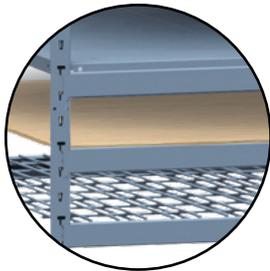


The Rousseau drawer rolling mechanism is covered by a lifetime warranty.

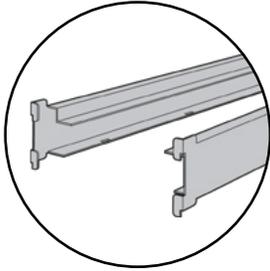
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Mini-Racking

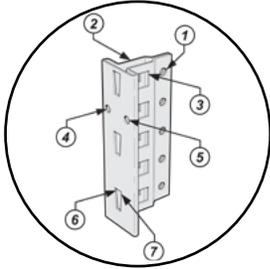
The Rousseau Advantages



Steel beams designed for several platform types: steel, wire mesh and wood.



The beams' "claw" that grips to the uprights ensures a rigid structure that can be assembled in no time.



Standard post compatible with Mini-racking and industrial shelving



Using a combination of modular drawers with a shelving unit, joined to the Mini-racking structure, both bulky items and small parts can be stored together.

SEE PAGE 77-78

NOTE The unique shape of the Spider® post is a Rousseau Metal Inc. trademark.

General Dimensions



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SRE5127S

Mini-Racking Proposals



When ordering, model numbers must be completed as follows:

	Starter unit	Add-on unit	
BOLTED uprights	D	A	EXAMPLE: SR ___ 5001
WELDED uprights	E	B	

S	Steel decking
W	Wire decking
—	Without decking

Example: S R D 5 0 0 1 S
for a starter unit bolted uprights, including steel decking.

Mini-Racking with Choice of Decking

The beams are designed to receive steel shelves (SR40, SH20), wire decking (SR42) or wood panels at least 5/8" thick.

Steel

To order a unit with steel shelves, complete the product number with an **S**.



SRE5127S
Starter



SRB5127S
Add-on

Wire

To order a unit with wire shelves, complete the product number with a **W**;
Not compatible with 18" depth.



SRE5127W
Starter



SRB5127W
Add-on

For Wood Panels

To order a unit without decking (Ex.: for use with wood panels) leave the product number as is.



SRE5127
Starter



SRB5127
Add-on

Mini-Racking with Medium-Duty Beams

Dimensions			Number of Levels	
W	D	H	3	4
48"	18"	75"	SR_5001_	SR_5021_
	24"		SR_5002_	SR_5022_
	36"*		SR_5003_	SR_5023_
	48"*	SR_5004_	SR_5024_	
	18"	87"	SR_5005_	SR_5025_
	24"		SR_5006_	SR_5026_
36"*	SR_5007_		SR_5027_	
60"	48"*	87"	SR_5008_	SR_5028_
	18"		SR_5051_	SR_5071_
	24"		SR_5052_	SR_5072_
	36"*	SR_5053_	SR_5073_	
	48"*	SR_5054_	SR_5074_	
	18"	99"	SR_5055_	SR_5075_
	24"		SR_5056_	SR_5076_
	36"*		SR_5057_	SR_5077_
	48"*	SR_5058_	SR_5078_	
	24"	99"	—	SR_5080_
	36"*		—	SR_5081_
	48"*		—	SR_5082_

*Models are compatible with double shelving units with same depth.

Dimensions			Number of Levels	
W	D	H	3	4
72"	18"	75"	SR_5101_	SR_5121_
	24"		SR_5102_	SR_5122_
	36"*		SR_5103_	SR_5123_
	48"*	SR_5104_	SR_5124_	
	18"	87"	SR_5105_	SR_5125_
	24"		SR_5106_	SR_5126_
36"*	SR_5107_		SR_5127_	
48"*	99"	SR_5108_	SR_5128_	
24"		—	SR_5130_	
36"*		—	SR_5131_	
48"*	—	SR_5132_		

Medium-Duty Beams

Depth	Number of Tie Bars		
	Steel	Wire	Wood Panels
18"	1	ND	1
24"	1	1	1
36"	1	1	2
48"	1	1	3



SRE5072S

Tie bars

Models include 1 to 3 tie bars, depending on their dimensions.

NOTE For capacity chart. SEE PAGE 105

Mini-Racking Proposals

Mini-Racking with Heavy-Duty Beams



Dimensions			Number of Levels	
W	D	H	3	4
72"	18"	75"	SR_5151	SR_5171
	24"		SR_5152	SR_5172
	36"*		SR_5153	SR_5173
	48"*		SR_5154	SR_5174
	18"	87"	SR_5155	SR_5175
	24"		SR_5156	SR_5176
	36"*		SR_5157	SR_5177
	48"*		SR_5158	SR_5178
	24"	99"	—	SR_5180
	36"*		—	SR_5181
	48"*		—	SR_5182
	—		—	—
96"	18"	75"	SR_5201	SR_5221
	24"		SR_5202	SR_5222
	36"*		SR_5203	SR_5223
	48"*		SR_5204	SR_5224
	18"	87"	SR_5205	SR_5225
	24"		SR_5206	SR_5226
	36"*		SR_5207	SR_5227
	48"*		SR_5208	SR_5228
	24"	99"	—	SR_5230
	36"*		—	SR_5231
	48"*		—	SR_5232
	—		—	—

Heavy-Duty Beams

Tie bars

Models include 1 to 3 tie bars, depending on their dimensions.

NOTE For capacity chart.

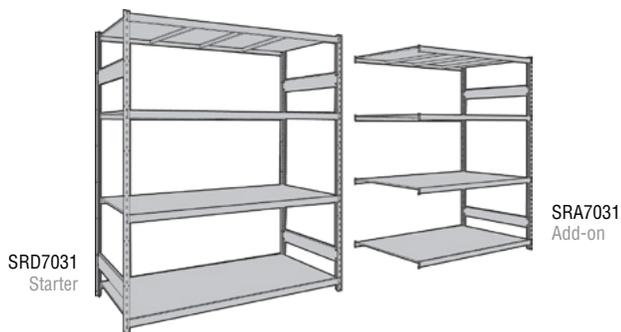
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*Models are compatible with double shelving units with same depth.



Width	Depth	Number of Tie Bars		
		Steel	Wire	Wood Panels
72"	18"	1	ND	2
	24"	1	1	2
	36"	1	1	3
	48"	1	1	3
96"	18"	1	ND	2
	24"	1	1	2
	36"	1	1	3
	48"	2	2	3

Mini-Racking for Standard-Sized Wood Panels



Model dimensions are designed to reduce the need to cut wood panels;

4 long-span levels with heavy-duty beams;

Bolted uprights (require assembly).

Starter	Add-On	W x D x H
SRD7031	SRA7031	72" x 48½" x 87"
SRD7032	SRA7032	72" x 48½" x 99"
SRD7033	SRA7033	96½" x 24" x 87"
SRD7034	SRA7034	96½" x 24" x 99"
SRD7035	SRA7035	96½" x 48" x 87"
SRD7036	SRA7036	96½" x 48" x 99"
SRD7037	SRA7037	96½" x 48½" x 87"
SRD7038	SRA7038	96½" x 48½" x 99"

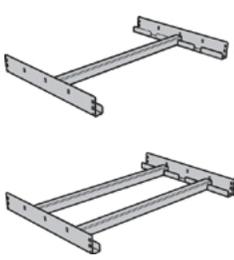
NOTE Wood decking are not provided by Rousseau.



Mini-Racking Accessories

Hanging Rail

SR62



300 lb. capacity per rail;
 Installs on Spider® post with hooks, no bolts;
 Includes security mechanism to keep from accidentally unhooking;
 3 installation positions possible: one in the middle and two closer to the edges;
 Compatible with SR63-02 hooks (not included);
 Hooks pivot once installed on the rail. They can be put on and taken off the rail at all times, even when the rail is in place on the adaptors;
 Rail and adaptors in galvanized steel;
 Note: When doing a side-to-side combination with a mini-racking and a back-to-back shelving, call the customer service department for compatibility of SR62 hanging rails.

Single Rail	W x D
SR62-601801	60" x 18"
SR62-602401	60" x 24"
SR62-603601	60" x 36"
SR62-721801	72" x 18"
SR62-722401	72" x 24"
SR62-723601	72" x 36"
SR62-961801	96" x 18"
SR62-962401	96" x 24"
SR62-963601	96" x 36"

Double Rail	W x D
SR62-602402	60" x 24"
SR62-603602	60" x 36"
SR62-722402	72" x 24"
SR62-723602	72" x 36"
SR62-962402	96" x 24"
SR62-963602	96" x 36"

Hook for Rail

SR63



50 lb. capacity per hook;
 Hooks pivot once installed on the SR62 rail;
 Can be put on and taken off even when the rail is in place on the adaptors.

Product #	D x H
SR63-02	2 1/2" x 5"



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Label Holder

NC32

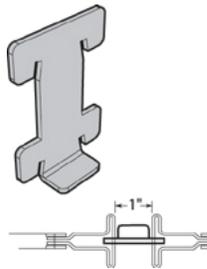


Attaches to SR21 medium-duty or SR22 heavy-duty beams;
 For use with self-adhesive labels only.

Product #	Width
NC32-3601	36"
NC32-4201	42"
NC32-4801	48"
NC32-6001	60"
NC32-6601	66"
NC32-7201	72"
NC32-9601	96"

Back-to-Back Spacers

SR48



Sold in pairs;
 Used to attach two sections of Mini-Racking, back-to-back, with a 1" space between posts for beam adjustment.

Product #
SR48

Laminated Hardwood Top for Shelving

SR90

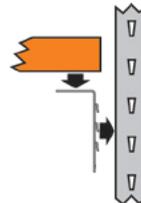


Designed to be installed between two shelving units;
 Must be ordered with a pair of SH74 supports or used with a storage unit with work surface application.

Product #	W x D
SR90-6024A	60" x 24"
SR90-7224A	72" x 24"
SR90-9624A	96" x 24"

Wood Top Support

SH74



Sold in pairs;
 Installed with hook system, without tools, onto the sides of SH or SR uprights;
 Designed to support a SR90 laminated hardwood top between two shelving units.

Product #	Width
SH74-24	24"



Mini-Racking Accessories

Single Divider

SR61



Divides those parts that lean vertically against the back of the Mini-racking;
 Installs on medium-duty (SR21) or heavy-duty (SR22) beams;
 Divider can be adjusted laterally (left to right) without tools;
 Compatible with 24" deep shelving and deeper.

Product #	Depth
SR61-2401	24"

Double Divider

SR60



Supports parts and boxes that are stored vertically in a Mini-racking unit. Parts lean against "D" shape of the divider;
 Attaches on two medium-duty (SR21) or two heavy-duty beams (SR22);
 Space between the two beams must be 14" c/c;
 Divider can be adjusted laterally (left to right) without tools;
 Compatible with 24" deep shelving and deeper;
 Designed to support lateral load.

Product #	D x H
SR60-2415	24" x 15"

Full Height HD Utility Panel

SH69



HD utility panel for end of aisle unit;
 Holes at every 1" c/c;
 Fast and easy hook-on assembly;
 Polished look;
 Available in 4 widths: 12" (9 holes), 15" (13 holes), 18" (15 holes) and 24" (21 holes)
 Compatible with both light and heavy-duty hooks: WM9F, WM9G, WM9H, WM9J, WM9A and WM9B;
 Also compatible with WM9C, WM9D, WM9M, WM9N supports and WM21 shelf;
 Capacity: 50 lb./square foot, maximum of 500 lb. per panel, evenly distributed load;
 Compatible with certain multi-level shelving applications. Contact our customer service;
 Complete the product number by choosing the desired depth: 15", 18", 24" or 36".

Product #	Height
SH69-__51	51"
SH69-__75	75"
SH69-__87	87"



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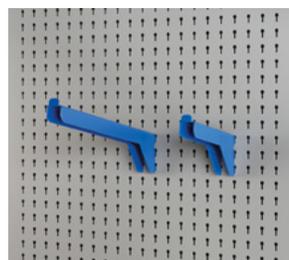
Side Utility Panel

SH68



The SH68 utility panel for shelving installs on either the inside or the outside upright;
 Simple assembly, no tools required;
 Available in 4 widths: 12" (8 holes), 15" (12 holes), 18" (14 holes) and 24" (22 holes)
 Compatible with both light and heavy-duty hooks: WM9F, WM9G, WM9H, WM9J, WM9A and WM9B;
 Compatible with WM9C, WM9D, WM9M and WM9N supports;
 Compatible with WM21 shelf;
 Capacity: 50 lb./square foot, maximum of 300 lb. per panel, evenly distributed load;
 Complete the product number by choosing the desired depth: 15", 18", 24", 36" or 48".

Product #	Height
SH68-__14	14"
SH68-__20	20"
SH68-__32	32"



Mini-Racking Components

Structural Components

Post

SR10



Tubular T-shape; up to 7 fixing zones;
Perforations on front side, every 2" c/c, for beam adjustment;
14 gauge steel.

Product #	Height
SR10-039	39"
SR10-051	51"
SR10-075	75"
SR10-087	87"
SR10-099	99"
SR10-111	111"
SR10-123	123"



R5XEE-4001

Welded Mini-Racking Upright Assembly

SR13



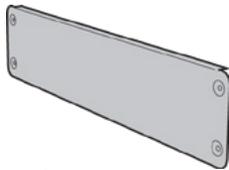
Two heavy-duty ladder braces, factory welded onto two universal posts;
Other heights available. Please contact your customer service representative.

Product #	D x H
SR13-180752	18" x 75"
SR13-180872	18" x 87"
SR13-240752	24" x 75"
SR13-240872	24" x 87"
SR13-240992	24" x 99"
SR13-300752	30" x 75"
SR13-300872	30" x 87"
SR13-300992	30" x 99"
SR13-360752	36" x 75"
SR13-360872	36" x 87"
SR13-360992	36" x 99"
SR13-480752	48" x 75"
SR13-480872	48" x 87"
SR13-480992	48" x 99"

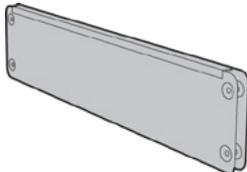


Mini-Racking Ladder Braces

SR30 / SR32



Single ladder brace for 15" to 24" depths



Double, interlocked ladder brace for 30" to 48 1/2" depths

Sold in pairs;
Recommendations:
- 1 pair per upright assembly up to 99" in height
- For upright assemblies over than 99" in height, please contact your customer service representative;

For depths of 30", 36", 48" and 48 1/2", ladder braces interlock as shown. Pairs of ladder braces supplied with these models are double ladder braces.

Product #	Depth
SR30-15	15"
SR30-16	16"
SR30-18	18"
SR30-24	24"
SR30-30	30"
SR30-32	32"
SR30-36	36"
SR30-48	48"
SR32-4801*	48 1/2"

* The SR32 ladder brace is used to accommodate 48" D wood panels without cutting.



NOTE 15", 16", 30" and 32" ladder braces are suitable for record storage.

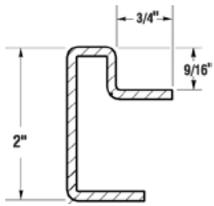
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Mini-Racking Components

Beams and Tie Bars

Medium-Duty Beams

SR21



Sold in pairs;
14 gauge steel;
Attach to the front of the post. Height adjustment every 2" c/c;
Held in place with two safety clips.

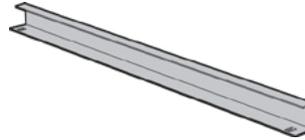
Product #	W x H
SR21-36	36" x 2"
SR21-42	42" x 2"
SR21-48	48" x 2"
SR21-60	60" x 2"
SR21-66	66" x 2"
SR21-72	72" x 2"

NOTE 42" and 66" beams are suitable for record storage.

SEE PAGE 235

Medium-Duty Tie Bar

SR25 / SR26



Hook to the inside of SR21 beams;
Made in galvanized steel.

Product #	Depth
SR25-15	15"
SR25-16	16"
SR25-18	18"
SR25-24	24"
SR25-30	30"
SR25-32	32"
SR25-36	36"
SR25-48	48"
SR26-4801*	48 1/2"

NOTE

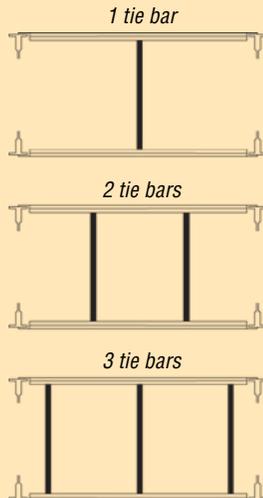
15", 16", 30" and 32" tie bars are suitable for record storage.

SEE PAGE 235

* The SR26 tie bar is used with SR32 ladder braces to accommodate a 48" D wood panel without cutting.

Beam Capacity Chart

*Shelving load capacity tests are based on ANSI MH28.2 Shelving Manufacturer Association (SMA) standards. Capacities incorporate a safety factor and are valid for an equally distributed load. Capacities are indicated in pounds.



Medium-Duty Beams

Decking Type	Depth	Width						Number of Tie Bars
		36"	42"	48"	60"	66"	72"	
Wood Decking *	15" to 24"	1000	1000	975	800	725	650	1
	30" to 32"	1075	1025	925	775	700	625	2
	36"	850	875	900	750	700	625	2
	48"	875	825	775	775	750	650	3
Steel Decking *	15" to 24"	900	900	900	800	750	650	1
	30" to 48"	1125	1125	1000	800	750	650	1
Wire Decking	24" to 48"	600	700	800	800	750	650	1

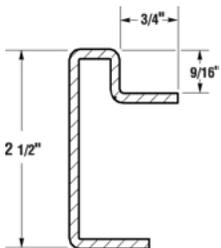
Heavy-Duty Beams

Decking Type	Depth	Width			Number of Tie Bars
		60"	72"	96"	
Wood Decking *	15" to 24"	1650	1600	1225	2
	30" to 32"	1850	1575	1225	2
	36"	1750	1600	1225	3
	48"	1225	1225	1225	3
Steel Decking *	15" to 24"	1350	1350	1225	1
	30" to 48"	1925	1600	1225**	1
Wire Decking	24" to 48"	1000	1200	1200**	1

**96" x 48" dimensions with steel decking or wire decking require 2 tie bars.

Heavy-Duty Beams

SR22 / SR23



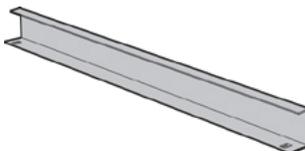
Sold in pairs;
12 gauge steel;
Attach to the front of the post. Height adjustment every 2" c/c;
Held in place with two safety clips.

Product #	W x H
SR22-60	60" x 2 1/2"
SR22-72	72" x 2 1/2"
SR22-96	96" x 2 1/2"
SR23-96*	96 1/2" x 2 1/2"

* SR23 beams can accommodate a 96" wide panel without cutting.

Heavy-Duty Tie Bar

SR27 / SR28



Hook to the inside of SR22 and SR23 beams;
Made in galvanized steel.

Product #	Depth
SR27-15	15"
SR27-18	18"
SR27-24	24"
SR27-30	30"
SR27-32	32"
SR27-36	36"
SR27-48	48"
SR28-4801*	48 1/2"

* The SR28 tie bar is used with SR32 ladder braces to accommodate a 48" D wood panel without cutting.

Mini-Racking Components

Mini-Racking Decking

Steel Decking

SR40 / SH20



SH20: Quadruple folds at the front and back and single fold on the sides;
 SR40: Triple folds on the sides and single fold at the front and back;
 Steel decking improves shelf strength.



ATTENTION
 To order depending on unit dimensions and for each level of shelving, order the appropriate quantity of shelves and the product number(s) specified in the chart.

For standalone Mini-racking or joined together

These dimensions are suitable for a standalone Mini-racking unit or one joined to another.



or



+



Upright Assembly	Beam Width													
	Qty	36" Product #	Qty	42" Product #	Qty	48" Product #	Qty	60" Product #	Qty	66" Product #	Qty	72" Product #	Qty	96" Product #
15"	2	SR40-1815	1+	SR40-1815	2	SR40-2415	2+	SR40-1815	1+	SR40-1815	3	SR40-2415	4	SR40-2415
16"	2	SR40-1816	1+	SR40-1816	2	SR40-2416	2+	SR40-1816	1+	SR40-1816	3	SR40-2416	4	SR40-2416
18"	2	SR40-1818	1+	SR40-1818	2	SR40-2418	2+	SR40-1818	1+	SR40-1818	3	SR40-2418	4	SR40-2418
24"	2	SR40-1824	1+	SR40-1824	2	SR40-2424	2+	SR40-1824	1+	SR40-1824	3	SR40-2424	4	SR40-2424
30"	2	SH20-3018	1+	SH20-3018	4	SH20-3012	4	SH20-3015	1+	SH20-3018	4	SH20-3018	4	SH20-3024
32"	2	SR40-1832	1+	SR40-1832	2	SR40-2432	2+	SR40-1832	1+	SR40-1832	3	SR40-2432	4	SR40-2432
36"	2	SH20-3618	1+	SH20-3618	4	SH20-3612	4	SH20-3615	1+	SH20-3618	4	SH20-3618	4	SH20-3624
48"	2	SH20-4818	1+	SH20-4818	4	SH20-4812	4	SH20-4815	1+	SH20-4818	4	SH20-4818	4	SH20-4824

For Mini-racking joined to two shelving units

These dimensions are suitable for joining a Mini-racking unit and two shelving units back to back.



or



Upright Assembly	Beam Width							
	Qty	48" Product #	Qty	60" Product #	Qty	72" Product #	Qty	96" Product #
30"	4	SH20-3012	4	SH20-3015	4	SH20-3018	4	SH20-3024
36"	4	SH20-3612	4	SH20-3615	4	SH20-3618	4	SH20-3624
48"	4	SH20-4812	4	SH20-4815	4	SH20-4818	4	SH20-4824

For Mini-racking joined to four shelving units

These dimensions are suitable for joining a Mini-racking unit and two shelving units back to back, on both sides of the Mini-racking unit.

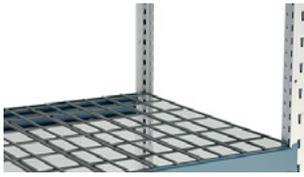


Upright Assembly	Beam Width			
	Qty	72" Product #	Qty	96" Product #
30"	6	SH20-3012	2+	SH20-3012
			4	SH20-3018
36"	6	SH20-3612	2+	SH20-3612
			4	SH20-3618
48"	6	SH20-4812	2+	SH20-4812
			4	SH20-4818

Mini-Racking Components

Wire Decking

SR42



Grid-pattern shelves made from 1/4" steel rods welded together;
 Product meets fire code standards;
 Wire decking offers an interesting alternative to steel decking.

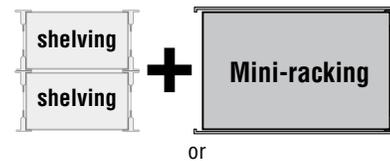
ATTENTION

To order depending on unit dimensions and for each level of shelving, order the appropriate quantity of shelves and the product number(s) specified in the chart.

For standalone Mini-racking or joined together



For Mini-racking joined to two shelving units



For Mini-racking joined to four shelving units



Upright Assembly	Beam Width													
	36"		42"		48"		60"		66"		72"		96"	
	Qty	Product #	Qty	Product #	Qty	Product #	Qty	Product #	Qty	Product #	Qty	Product #	Qty	Product #
24"	2	SR42-1824	1 + 1	SR42-1824 SR42-2424	2	SR42-2424	2 + 1	SR42-1824 SR42-2424	1 + 2	SR42-1824 SR42-2424	3	SR42-2424	4	SR42-2424
30"	2	SR42-1830	1 + 1	SR42-1830 SR42-2430	2	SR42-2430	2 + 1	SR42-1830 SR42-2430	1 + 2	SR42-1830 SR42-2430	3	SR42-2430	4	SR42-2430
36"	2	SR42-1836	1 + 1	SR42-1836 SR42-2436	2	SR42-2436	2 + 1	SR42-1836 SR42-2436	1 + 2	SR42-1836 SR42-2436	3	SR42-2436	4	SR42-2436
48"	2	SR42-1848	1 + 1	SR42-1848 SR42-2448	2	SR42-2448	2 + 1	SR42-1848 SR42-2448	1 + 2	SR42-1848 SR42-2448	3	SR42-2448	4	SR42-2448

Wood Decking Dimensions

Dimensions of 30", 36" and 48" deep units are suitable for Mini-racking and two back-to-back units (except for 96 1/2" W). Please see the S52 technical guide. Some dimensions are suitable for Mini-racking and back to back shelving. See the S52 technical guide.

IMPORTANT

Wood panels are not provided by Rousseau.
 Beams are designed for plywood or particleboard panels of at least 5/8" thick.

