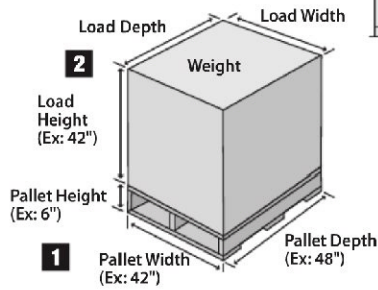
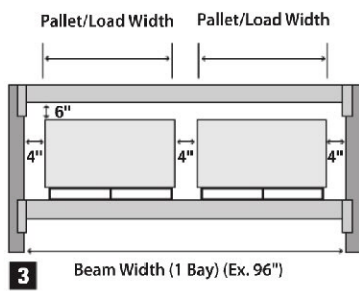


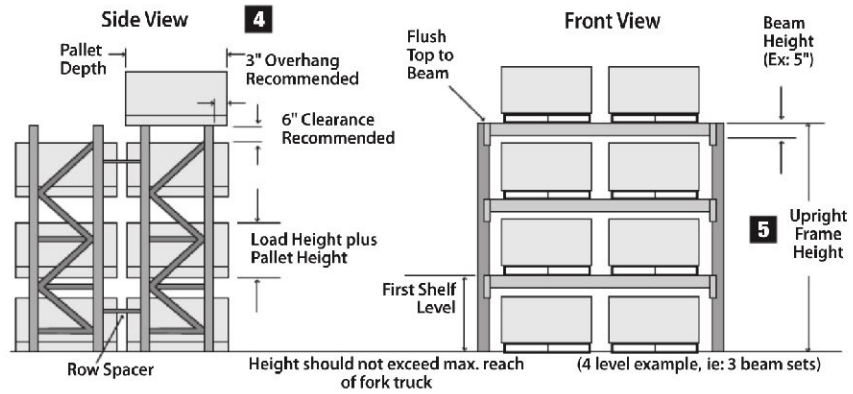
PALLET RACK SELECTION GUIDE

Pallet Rack is the most popular and the most versatile type of storage for large single items or palletized/boxed loads. This guide provides basic information needed to select pallet rack. However, before selecting any racking please check local ordinances, codes, and seismic requirements. Please call for more assistance.

To Select Pallet Rack



- 1 Determine the size of your pallet to be stored.**
Example: 42"Wx48"Dx6"H.
- 2 Determine the overall load WxDxH.** For the overall height, add the load and pallet heights together.
Example: load height 42" + pallet height 6" = 48" overall height. Overall load: 42"Wx48"Dx48"H.

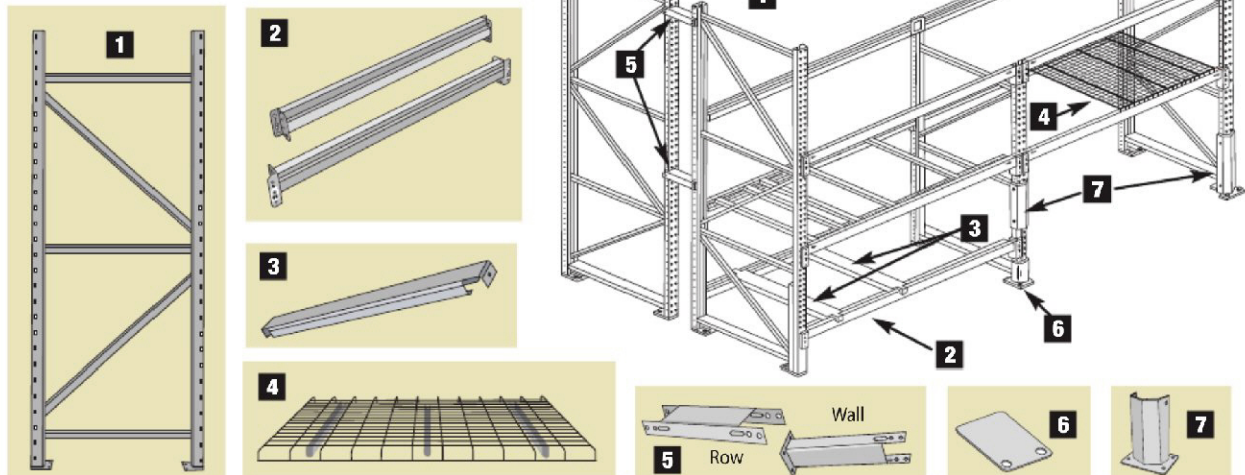


- 3 Beam Width.** Determine the width of your pallet/load and allow a minimum of 4" between the upright frame and the load and a minimum of 4" between loads.
Example: to store (2) 42"W loads. $4 + 42 + 4 + 42 + 4 = 96"$ wide beam.
- Beam Capacity.** Multiply the weight of the pallet and load by the number of pallets per level. Example: two pallets with a weight of 2500 lbs. each per level. $2500 \text{ lbs.} \times 2 \text{ pallets per level} = 5000 \text{ lb.}$ beam capacity minimum requirement.
- 4 Upright Frame Depth.** The depth of the upright frames should be your pallet depth (48") minus 6" (3" overhang in the front and 3" overhang in the back).
Example: $48" - 6" = 42"$ deep upright frame.
- 5 Upright Frame Height.** Determine the overall load height. Add a minimum of 6" clearance between top of load and next level of beams. Add the beam height and multiply total by the amount of upper levels required. (do not count floor level).
Example (4 shelf levels): $48" \text{H} + 6" \text{ (for clearance)} + 5" \text{ (beam height)} = 59"$. $3 \text{ upper levels} \times 59 = 177"$ high upright frame requirement.

Accessory & Component Guide

- 1 Upright Frame:** Vertical structural support for racking system.
- 2 Beam:** Horizontal steel supports that tie upright frames together and hold the load.
- 3 Skid Support:** Supports items smaller than the unit depth.
- 4 Wire Decking:** Turns area between beams into useable shelving space. Mesh promotes air flow and eases inventory checks.

- 5 Spacers:**
Row: Connects and spaces two rows of rack back-to-back.
Wall: Connects racks to wall for additional stability.
- 6 Shim:** Levels upright frames on slopes or uneven surfaces to ensure uniform heights.
- 7 Upright Frame Protector:** Protects upright frames from damaging impact from material handling equipment.





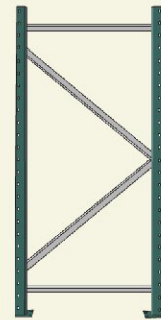
**InterRack-30™
Pallet Racks**

- All-welded
- Upright frame capacities from 30,600 to 39,700 lbs.
- Piston (pull-pin) lock for secure beam attachment

One of the strongest and most flexible racking systems on the market today. Innovative beam features a patented column-shaped stud and keyhole that increase rigidity and reduce stress at the connection. Teardrop keyhole beam connection.

Upright frames feature a combination of narrow keyholes (punched every 2") and offset rectangular holes allowing beam to seat automatically into column, locking securely in place. High-strength steel columns have 55,000 psi min. yield strength. Welds are made to AWS standards to ensure strength and long product life. Hardbaked enamel finish is corrosion and scratch resistant and meets or exceeds all environmental regulations. Made in USA. **SELECTED MODELS IN STOCK.**

Upright Frames



Upright frames are securely welded for maximum rigidity.

Components:

Upright Frames . 30,600–39,700-Lb. capacity 3x3" frames

Frame DxH	30,600-LB. MAX. CAP.	35,200-LB. MAX. CAP.	39,700-LB. MAX. CAP.
	Stock No.	Stock No.	Stock No.
36x72"	5721101-U	—	5752301-U
42x72"	5722501-U	5747301-U	5752401-U
48x72"	5722601-U	5747401-U	5752501-U
36x96"	5722701-U	5747501-U	5752601-U
42x96"	5722801-U	5747601-U	5752701-U
48x96"	5722901-U	5747701-U	5752801-U
36x120"	5723001-U	5747801-U	5752901-U
42x120"	5723101-U	5747901-U	5753001-U
48x120"	5723201-U	5751301-U	5753101-U
36x144"	5723301-U	5751401-U	5753201-U
42x144"	5723501-U	5751501-U	5753301-U
48x144"	5723801-U	5751601-U	5753401-U
36x168"	5723901-U	—	5753501-U
42x168"	5724701-U	5751801-U	5753601-U
48x168"	5725301-U	5751901-U	5753701-U
36x192"	5725401-U	5752001-U	5753801-U
42x192"	5726601-U	5752101-U	5753901-U
48x192"	5727601-U	5752201-U	5754001-U
32x216"	5729301-U	5731501-U	5731801-U
42x216"	5729401-U	5731601-U	5740401-U
48x216"	5729501-U	5731701-U	5741801-U
42x240"	5742601-U	5742801-U	5743001-U
48x240"	5742701-U	5742901-U	5743101-U

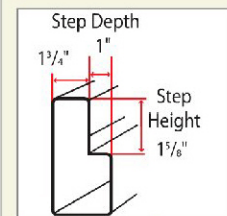
NOTE: All capacities are based on 48" beam spacing and meet RMI-97 standards.

Slotted Beams. 14-Gauge beams with 1 1/8" step height. Two per level required.

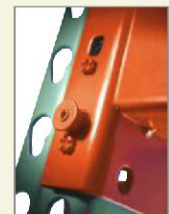
Beam LxH	Cap. Lbs. per Pair	Stock Number
48x3 1/2"	7770	5742000-U
60x4"	7160	5742100-U
96x4"	5030	5743300-U
96x4 1/2"	6036	3064000-V
96x5"	7061	3064100-V
96x5 1/16"	8367	3064200-V
108x4"	4040	5743600-U
108x5"	6324	3064300-V
108x5 1/16"	7485	3064400-V

Beam LxH	Cap. Lbs. per Pair	Stock Number
120x4"	3330	5743900-U
120x5"	5630	5744000-U
120x5 1/16"	6779	3064500-V
120x5 1/8"	7480	5744100-U
144x4 1/2"	3080	5744200-U
144x5"	4020	5744300-U
144x5 1/16"	5970	5744400-U

Beams



Beam Profile



Teardrop



Accessories

Flanged Skid Supports

For slotted or solid beams. Galvanized.

Fits Frame Depth	Cap. Lbs. per Pair	Stock Number
36"	2010	5758400-U
42"	1820	5758500-U
48"	1560	5758600-U

Roll-In Skid Supports

For slotted beams. Galvanized.

Fits Frame Depth	Cap. Lbs. per Pair	Stock Number
36"	2700	5715500-U
42"	2260	5715600-U
48"	1940	5715700-U

Row Spacers

Galvanized. Includes mounting hardware.

Overall Lgth.	Stock No.
6"	5758900-U
8"	5759000-U
12"	5759100-U
18"	5750100-U

Wall Spacers

Galvanized. Includes mounting hardware to frame.

Overall Lgth.	Stock No.
6"	5750300-U
12"	5759300-U

Frame Protectors

Bolts to frame. Includes mounting hardware.

Overall Ht.	Stock No.
12"	5759600-U
18"	5763800-U
24"	5773900-U

Wire Decking

For 1 1/2" and 1 5/8" step height beams. Galvanized. See page 66 for details.

Channel Depth	Overall WxD	Cap. Lbs.	Stock Number
32 1/4"	46x36"	3250	5755200-U
32 1/4"	52x36"	3250	5755300-U
38 1/4"	46x42"	2610	5755500-U
38 1/4"	52x42"	2610	5755800-U
44 1/4"	46x48"	2100	5755900-U
44 1/4"	52x48"	2100	5756000-U



Accessories



Flanged Skid Support



Roll-In Skid Support



Row Spacer



Wall Spacer



Frame Protector



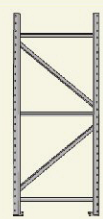
Wire Decking

Ships same day for 1-3 day delivery

Ships 1-5 days



Upright Frames



Components

Solid Beams. 1 7/8" step height. Two per level required.

Beam LxH	Cap. Lbs. per Pair	Stock Number
96x3"	3020	5715800-T
96x3 1/2"	4020	5724300-T
96x4"	5260	5705200-T
108x4"	4240	5715900-T
108x4 1/2"	5440	5705900-T
120x5 1/2"	7380	5716700-T
144x6"	8000	5706500-T

Skid Supports. For solid beams. Galvanized.

Fits Frame Depth	Cap. Lbs. per Pair	Stock Number
42"	1700	5707700-T

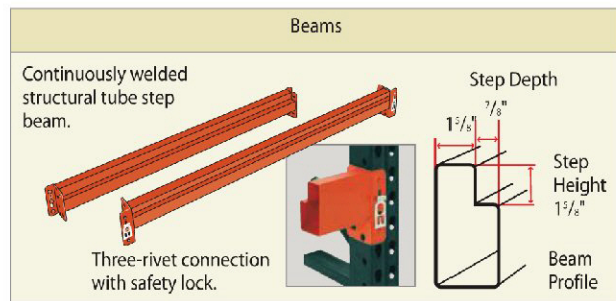
Spacers

Description	Stock No.
8" row spacer	5707900-T
12" row spacer	5708500-T
8" wall spacer	5708600-T

STEEL KING

Boltless Pallet Racks

- All-welded upright frames
 - Upright frame capacities from 19,040 to 36,900 lbs.
 - Three-riev beam connection is 26% stronger than two-riev connections
- Designed to be substantially more durable than other pallet rack. All-tubular, continuous-welded upright frames offer 44 times more torsional strength. Heavy horizontal 1x2" steel tube braces improve safety and resist damage reducing replacement and repair costs. Boltless 3-riev connection. Teardrop connector holes allow easy secure assembly while the safety lock engages automatically for quick installation. Heavy 10-ga. foot pad with multiple offset anchor holes. All capacities meet RMI specifications. Tough powder coat finish. Made in USA. *SELECTED MODELS IN STOCK.*



Upright Frames . 19,040–36,900-Lb. capacity.

Frame DxH	Cap. Lbs.	Upright Size	Stock Number
42x96"	19,000	1 1/2"x3"	5723400-T
42x120"	19,040	1 1/2"x3"	5704500-T
42x144"	19,040	1 1/2"x3"	5704800-T
42x144"	36,900	3x3"	5714600-T
42x192"	19,040	1 1/2"x3"	5715100-T
42x192"	25,100	1 1/2"x3"	5704900-T
42x192"	36,900	3x3"	5705000-T
42x240"	36,900	3x3"	5715200-T

Frame Protectors

Overall Ht.	Stock No.
<i>FRAME PROTECTOR.</i> Anchors to floor. Mounting hardware not included.	
18"	5707100-T
<i>SNAP-GUARD® FRAME PROTECTOR.</i> Structural angle steel unit automatically locks into the frame. Four-riev snap connection with safety lock.	
12"	5714500-T
18"	5727900-T
24"	5728000-T

Accessories



Skid Support



Row Spacer



Wall Spacer



Frame Protector



Snap-Guard® Frame Protector

Factory welded structural channel upright frames feature full horizontal and diagonal bracing.

STEEL KING Structural Pallet Racks

- All-welded upright frames
- Upright frame capacities from 35,200 to 51,500 lbs.
- Bolted beam connection

Easy to assemble and easy to adjust. Hot-rolled continuously welded structural channel upright frames provide greater strength and higher capacities. Heavy 7-gauge footpad is welded to the upright for maximum stability and includes multiple anchor holes (hardware not included). Uprights are punched every 2". High-strength steel beams feature heavy 7-gauge wrap-around connection plates that provide a secure, tight fit. Two-bolt connection with grade-five hardware is secure yet adjustable. All capacities meet RMI specifications. Durable powder coat finish on uprights and beams. Color: caution blue uprights, yellow beams. Made in USA. *SELECTED MODELS IN STOCK. Others FACTORY QUICK SHIP.*

Upright Frames. 35,200–51,500-lb. capacity.

Frame DxH	Frame Width	Cap. Lbs.	Stock Number
36x96"	3"	35,200	6067000-T
36x120"	3"	35,200	6067100-T
36x144"	3"	35,200	6067200-T
36x192"	3"	35,200	6067300-T
42x96"	3"	35,200	6067400-T
42x120"	3"	35,200	6067500-T
42x144"	3"	35,200	6067600-T
42x192"	3"	35,200	6067700-T
48x96"	3"	35,200	6067800-T
48x120"	3"	35,200	6067900-T
48x144"	3"	35,200	6068000-T
48x192"	3"	35,200	6068100-T
36x96"	4"	51,500	6068200-T
36x120"	4"	51,500	6068300-T
36x144"	4"	51,500	6068400-T
36x192"	4"	51,500	6068500-T
42x96"	4"	51,500	6068600-T
42x120"	4"	51,500	6068700-T
42x144"	4"	51,500	6068800-T
42x192"	4"	51,500	6068900-T
48x96"	4"	51,500	6069000-T
48x120"	4"	51,500	6069100-T
48x144"	4"	51,500	6069200-T
48x192"	4"	51,500	6069300-T

Structural Beams. Two per level required. Use box beam style decking.

Beam LxH	Cap. Lbs. per Pair	Cap. Lbs. per Pair (w/Beam Tie)*	Stock Number
96x3"	2685	4390	6069400-T
108x3"	4600	9490	6069500-T
120x3"	2240	3445	6069600-T
96x4"	3610	8060	6069700-T
108x4"	1795	2770	6069800-T
120x4"	2890	6500	6069900-T
120x5"	4320	11780	6070000-T
144x5"	2930	8770	6070100-T

*Capacity when optional beam tie is used, is based on 48" beam spacing.

Wire Decking

For structural beams. Gray polyester paint finish.

Overall WxD	Cap. Lbs.	Channel Qty.	Stock No.
STANDARD CAPACITY. 2 1/2"x4" mesh. 5-ga. wire.			
46x36"	2400	3	6071800-U
46x42"	1950	3	6071900-U
HIGH CAPACITY. 2x4" mesh. 6-ga. wire.			
46x36"	2900	3	6072000-U
46x42"	2550	3	6072100-U
46x48"	2500	3	6072200-U



Row Spacers

Overall Length	For Frame Width	Stock Number
8"	3"	6071100-U
10"	3"	6071200-V
12"	3"	6071300-V
8"	4"	6071400-U
10"	4"	6071500-V
12"	4"	6071600-V

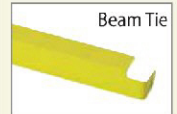
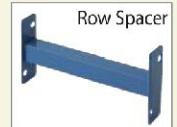
Beam Ties. Add support and increase beam load capacity.

Overall Depth	For Beam Height	Stock Number
36"	3 or 4"	6070200-V
42"	3 or 4"	6070300-U
48"	3 or 4"	6070400-U
36"	5"	6070500-U
42"	5"	6070600-V
48"	5"	6070700-U

Skid Supports. Galvanized.

Fits Frame Depth	Stock Number
HAT-SHAPED SKID SUPPORT. For plywood. Center support must be securely tightened.	
42"	6070800-U
WATERFALL FLANGED-STYLE SKID SUPPORTS. For solid beams.	
36"	6070900-U
48"	6071000-U

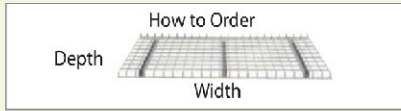
Accessories



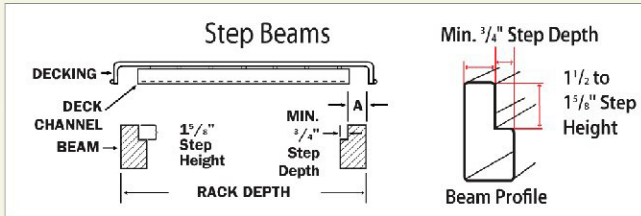
Ships same day for 1-3 day delivery

Ships 1-5 days

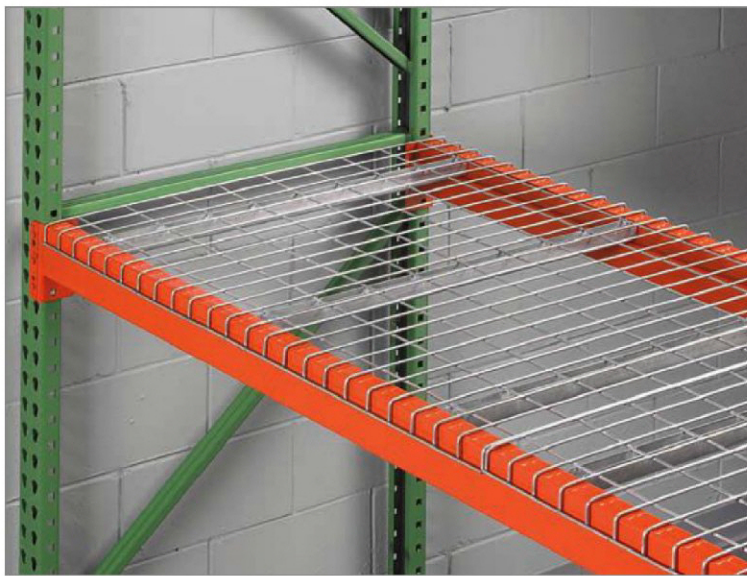
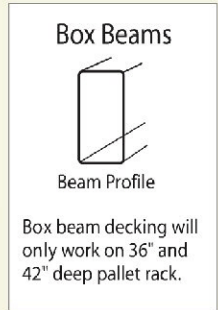
Steel & Wire Decking Reference Guide



Capacity of decking is never greater than beam capacity. How to figure the number of decks needed for most beam lengths:	Beam L	Use
	4' (48")	One 46"
	5' (60")	One 58"
	8' (96")	Two 46"
	9' (108")	Two 52"
	10' (120")	Two 34", One 46", or Two 58"
	12' (144")	Three 46"



Decking will only work on 36", 42", or 48" deep pallet rack with 1 1/2" to 1 5/8" step beams with a minimum 3/4" wide ledge. Beam top surface (A) must be between 1 5/8" and 1 7/8" wide

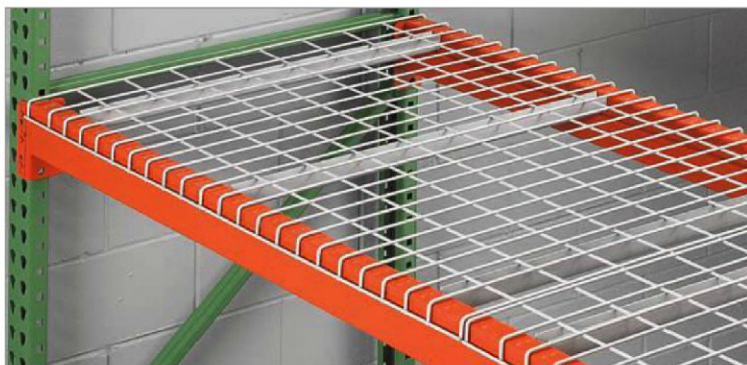


Galvanized Steel Wire Decking

- Step beam decking
- 2x4" mesh
- 6-gauge wire
- 14-gauge steel channels

Nothing to fasten—simply drop wire deck in place over rack beams. Low maintenance galvanized steel resists chemicals, rust and corrosion. Fits EDLSAL Stor-Master Pallet Racks, HUSKY Invincible Pallet Racks and PENCOS Pallet Storage Racks (1 1/2" and 1 5/8" step height only). Made in USA. *IN STOCK.*

Overall WxD	Cap. Lbs.	Channel Qty.	Stock Number
32 1/4" DECK CHANNEL DEPTH			
46x36"	3250	3	5177300-U
52x36"	3250	3	5177400-U
58x36"	3900	4	5177500-U
38 1/4" DECK CHANNEL DEPTH			
46x42"	2610	3	5177600-U
52x42"	2610	3	5177700-U
58x42"	3150	4	5177800-U
44 1/4" DECK CHANNEL DEPTH			
46x48"	2100	3	5178300-U
52x48"	2100	3	5178500-U
58x48"	2630	4	5178700-U



Painted Steel Wire Decking

- Step beam decking
- 2x4" steel mesh
- 5-gauge wire
- 14-gauge steel channels

Quick installation!
Drop in place over rack beams. 1 1/2"x1 1/8" channels. Gray polyester paint finish. Custom sizes available. Made in USA. *Specify manufacturer name and step height of beam. FACTORY QUICK SHIP*

Overall WxD	Cap. Lbs.	Channel Qty.	Stock No.
32 1/4" DECK CHANNEL DEPTH			
34x36"	3050	3	5101200-U
46x36"	3450	3	5102100-U
52x36"	3600	3	5115000-U
58x36"	3750	3	5112100-U
38 1/4" DECK CHANNEL DEPTH			
34x42"	2950	4	5114100-U
46x42"	2200	3	3024400-V
46x42"	2700	3	3024500-V
46x42"	3500	4	5113600-U
52x42"	2250	3	3024600-V
52x42"	2700	3	3024700-V
52x42"	3650	3	5113700-U
58x42"	2750	3	3024800-V
40 1/4" DECK CHANNEL DEPTH			
46x44"	2800	3	5116500-U
52x44"	2950	3	5118700-U
44 1/4" DECK CHANNEL DEPTH			
34x48"	2250	3	5104000-U
46x48"	1900	3	3024900-V
46x48"	2500	3	3025000-V
46x48"	3000	4	5113900-U
52x48"	2500	3	3025100-V
58x48"	2500	3	3025200-V



Nashville Wire Painted Steel Wire Decking for Box Beams

- Box beam or step beam decking
- 2x4" and 2 1/2"x4" mesh sizes
- 4- to 6-gauge wire
- 14-gauge flared steel channels

Drop in place on box or step beams. Gray polyester paint finish. Custom sizes and capacities available. Made in USA. *SELECTED MODELS IN STOCK. Others FACTORY QUICK SHIP.*

Overall WxD	Thickness Ga.	Cap. Lbs.	Channel Qty.	Stock No.
STANDARD CAPACITY. 2 1/2"x4" mesh. 5-ga. wire.				
46x36"	5	2400	3	5699200-U
52x36"	6	2500	3	3025300-V
58x36"	6	2600	3	3025400-V
46x42"	5	1950	3	5699300-U
52x42"	4	2500	3	3025500-V
58x42"	4	2600	3	3025600-V
52x48"	4	2500	4	3025700-V
58x48"	4	2500	4	3025800-V
HIGH CAPACITY. 2x4" mesh. 6-ga. wire.				
46x36"	6	2900	3	5699400-U
46x42"	6	2550	3	5699500-U
46x48"	6	2500	3	6071700-U

NOTE: To order decking measure pallet rack depth and beam length.



Overall WxD	Cap. Lbs.	Channel Qty.	Stock Number
21 1/2" DECK CHANNEL DEPTH			
46x24"	3000	3	3029800-V
52x24"	3000	3	3029900-V
58x24"	3000	3	3030000-V
32 1/4" DECK CHANNEL DEPTH			
46x36"	3000	3	5189100-S
52x36"	3000	3	5189200-S
58x36"	3000	3	5189300-S
38 1/4" DECK CHANNEL DEPTH			
46x42"	3000	3	5190100-S
52x42"	3000	3	5190200-S
58x42"	3000	3	5190300 S
44 1/4" DECK CHANNEL DEPTH			
46x48"	3000	4	5197300-S
52x48"	3000	4	5197400-S
58x48"	3000	4	5197500-S



Solid Steel Decking

- Step beam decking
- 14-gauge steel
- 12-gauge steel reinforcement channels

Boxes slide easily across the smooth surface. Deck panel has 1 1/2" waterfall front and rear edges to avoid catching on items during placement. Formed channels fit 1 1/8" step beams. Powder coat finish. Made in USA. *SELECTED MODELS IN STOCK. Others FACTORY QUICK SHIP.*

