TAYLOR
MATERIAL HANDLING & CONVEYOR
Phone: 419-867-3560
www.taylormhc.com

Invincible Rack

Product Guide

HUSKY
RACK & WIRE™

Product Web Page
www.HuskyRackAndWire.com

BEAM SELECTING

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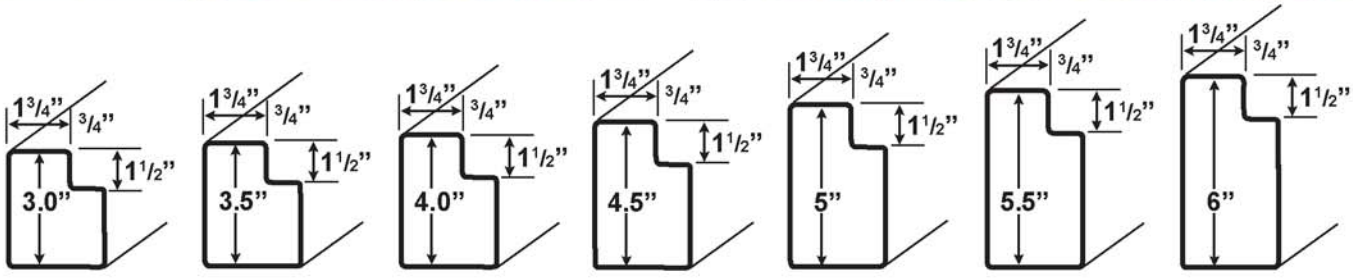


CAPACITY PER PAIR ⟷ BEAM LENGTH (CLEAR SPAN)

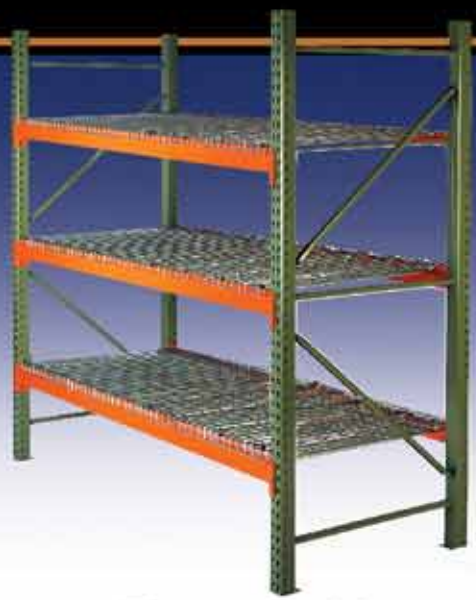
BEAM SIZE	48"	60"	72"	84"	92"	96"	108"	120"	144"	LONGER BEAM OPTION
3.0"	IBX-30048	IBX-30060	IBX-30072 5,045#	IBX-30084 3,846#	IBX-30092 3,285#	IBX-30096 3,052#	IBX-30108 2,494#	IBX-30120 2,083#	IBX-30144 1534#	CALL
3.5"	IBX-35048	IBX-35060	IBX-35072 6,246#	IBX-35084 5,133#	IBX-35092 4,363#	IBX-35096 4,044#	IBX-35108 3,282#	IBX-35120 2,729#	IBX-35144 1,989#	CALL
4.0"	IBX-39048	IBX-39060	IBX-39072 7,162#	IBX-39084 6,261#	IBX-39092 5,455#	IBX-39096 5,047#	IBX-39108 4,079#	IBX-39120 3,378#	IBX-39144 2,448#	CALL
4.5"	IBX-43048	IBX-43060	IBX-43072 8,055#	IBX-43084 7,022#	IBX-43092 6,486#	IBX-43096 6,111#	IBX-43108 5,000#	IBX-43120 4,062#	IBX-43144 3,000#	CALL
5.0"	IBX-48048	IBX-48060	IBX-48072 9,460#	IBX-48084 8,216#	IBX-48092 7,569#	IBX-48096 7,286#	IBX-48108 6,357#	IBX-48120 5,228#	IBX-48144 3,737#	CALL
5.5"	IBN-55048	IBN-55060	IBN-55072	IBN-55084 11,364#	IBN-55092 10,431#	IBN-55096 10,029#	IBN-55108 8,873#	IBN-55120 7,505#	IBN-55144 5,569#	CALL
6.0"	IBN-60048	IBN-60060	IBN-60072	IBN-60084 12,896#	IBN-60092 11,837#	IBN-60096 11,368#	IBN-60108 10,046#	IBN-60120 8,478#	IBN-60144 6,273#	CALL

Also available 6.0" x 144" (capacity 7,820)

BEAM NOTES . . .

1. Maximum deflection - Beam length (in.) divided by 180.
2. Meets R.M.I* standard. (*R.M.I.=Racks Manufacturers Institute)

Upright Frame Selecting



- Standard color: green uprights & orange beams (other colors available).
- Beams and uprights constructed of HSLA prime, U.S. made high-strength steel. ASTM A1011-GR55. (Documented verification available on request.)
- High quality polyurethane paint. Environmentally safe. Does not contain lead.
- Guaranteed shipping program. Quick-ship available on selected standard items.
- Engineering available for seismic requirements.

INVINCIBLE® Upright Frame Heights

DEPTH	8ft.	10ft.	12ft.	14ft.	15ft.	16ft.	20ft.	24ft.	30ft.	36ft.	40ft.	46ft.
36"	IU18 360-096	IU18 360-120	IU18 360-144	IU18 360-168	IU18 360-180	IU18 360-192	IU18 360-240	—	—	—	—	—
	IU24 360-096	IU24 360-120	IU24 360-144	IU24 360-168	IU24 360-180	IU24 360-192	IU24 360-240	IU24 360-288	IU24 360-360	IU24 360-432	IU24 360-480	IU24 360-552
	IU29 360-096	IU29 360-120	IU29 360-144	IU29 360-168	IU29 360-180	IU29 360-192	IU29 360-240	IU29 360-288	IU29 360-360	IU29 360-432	IU29 360-480	IU29 360-552
	IU35 360-096	IU35 360-120	IU35 360-144	IU35 360-168	IU35 360-180	IU35 360-192	IU35 360-240	IU35 360-288	IU35 360-360	IU35 360-432	IU35 360-480	IU35 360-552
	IU38 360-096	IU38 360-120	IU38 360-144	IU38 360-168	IU38 360-180	IU38 360-192	IU38 360-240	IU38 360-288	IU38 360-360	IU38 360-432	IU38 360-480	IU38 360-552
42"	IU18 420-096	IU18 420-120	IU18 420-144	IU18 420-168	IU18 420-180	IU18 420-192	IU18 420-240	—	—	—	—	—
	IU24 420-096	IU24 420-120	IU24 420-144	IU24 420-168	IU24 420-180	IU24 420-192	IU24 420-240	IU24 420-288	IU24 420-360	IU24 420-432	IU24 420-480	IU24 420-552
	IU29 420-096	IU29 420-120	IU29 420-144	IU29 420-168	IU29 420-180	IU29 420-192	IU29 420-240	IU29 420-288	IU29 420-360	IU29 420-432	IU29 420-480	IU29 420-552
	IU35 420-096	IU35 420-120	IU35 420-144	IU35 420-168	IU35 420-180	IU35 420-192	IU35 420-240	IU35 420-288	IU35 420-360	IU35 420-432	IU35 420-480	IU35 420-552
	IU38 420-096	IU38 420-120	IU38 420-144	IU38 420-168	IU38 420-180	IU38 420-192	IU38 420-240	IU38 420-288	IU38 420-360	IU38 420-432	IU38 420-480	IU38 420-552
48"	IU18 480-096	IU18 480-120	IU18 480-144	IU18 480-168	IU18 480-180	IU18 480-192	IU18 480-240	—	—	—	—	—
	IU24 480-096	IU24 480-120	IU24 480-144	IU24 480-168	IU24 480-180	IU24 480-192	IU24 480-240	IU24 480-288	IU24 480-360	IU24 480-432	IU24 480-480	IU24 480-552
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	IU38 480-096	IU38 480-120	IU38 480-144	IU38 480-168	IU38 480-180	IU38 480-192	IU38 480-240	IU38 480-288	IU38 480-360	IU38 480-432	IU38 480-480	IU38 480-552

Other upright depths and heights available

* Some exclusions apply

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Capacities

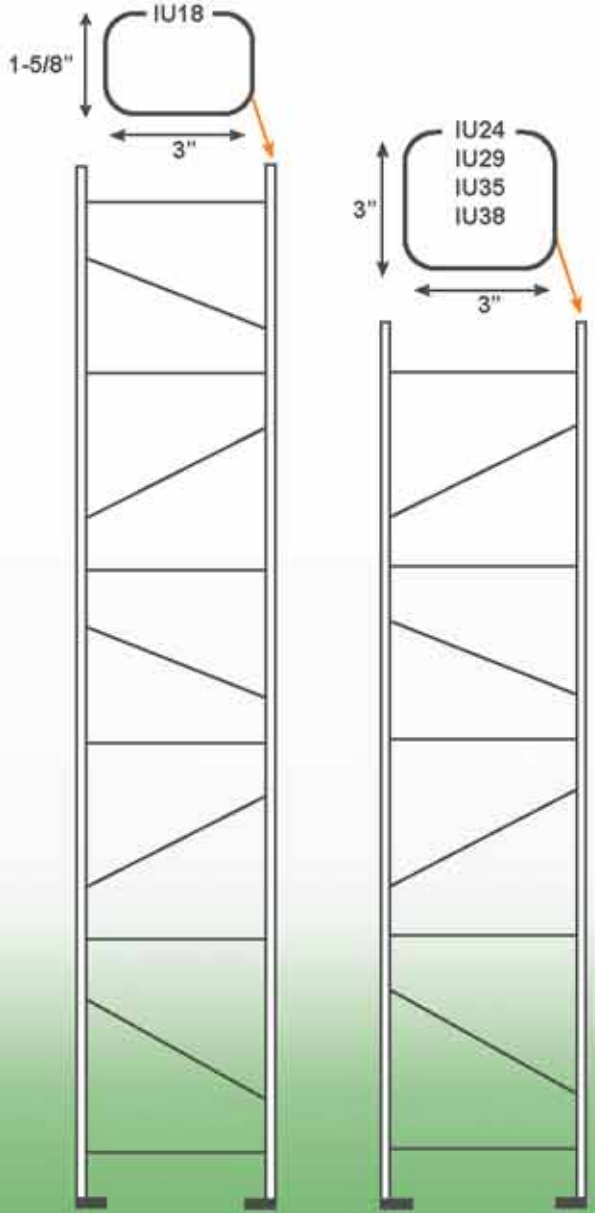
INVINCIBLE®
Rack Capacities

The table below has been calculated in accordance with the RMI "Specification for the Design, Testing and Utilization of Industrial Steel Storage Racks" and the edition of the AISI "Specification for the Design of Cold-Formed Steel Structural Members".

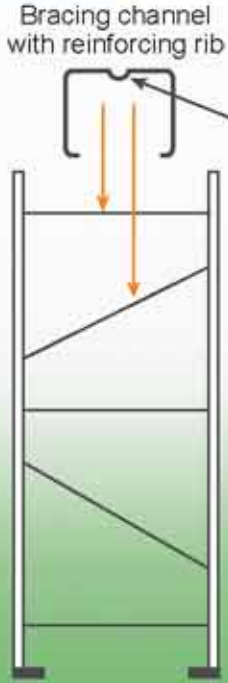
Horizontal and Diagonal Bracing

All upright frames use reinforced 1-1/2" wide closed-lip, horizontal and diagonal bracing to resist damage in transit and from fork lift abuse. 1" x 1-1/2" horizontal bracing is placed approximately 8" from the floor to help resist impact damage and allow ease in lagging foot plate to floor.

Uprights



BEAM SPACING	UPRIGHT FRAME				
	IU18	IU24	IU29	IU35	IU38
36	19,380	28,800	35,500	40,300	45,100
42	18,100	27,200	33,600	38,100	42,700
48	16,700	25,300	31,100	35,300	39,600
54	15,300	23,200	28,600	32,500	36,300
60	13,800	21,100	26,000	29,500	33,000
66	12,300	19,000	23,400	26,600	29,700
72	10,900	16,900	20,800	23,700	26,400
78	9,500	14,900	18,200	20,800	23,200
84	8,300	13,100	16,100	18,300	20,400
90	7,300	11,600	14,200	16,200	18,100
96	6,500	10,300	12,700	14,400	16,100



- For vertical beam spacing greater than 96", please contact your distributor.
- Shelf spacing is measured from the floor to the top of the first beam or the maximum shelf spacing (whichever is greater).
- For more information on additional upright frame configurations please contact your Regional Manager or Inside Sales at 800-438-5629.

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Complies with current RMI Engineering Standards.

Our Beams Fit Both Tear Drop Styles of Upright

(Provided same beam manufacturer used in same bay)

Rack Structures

From catwalks to rack-supported mezzanines to full pick modules and structures, Husky Rack & Wire can engineer and design a material handling system to suit almost any need. Please contact our Project Management Staff or your Regional Manager for assistance.

Husky Rack & Wire makes continuous improvements in all its products. We reserve the right to change specifications without notice. Photos and illustrations may contain standard and optional equipment.

Warranty Information
For warranty information applicable to all our products, refer to the Husky Rack & Wire Terms and Conditions of Sale, which are accessible at www.huskyrackandwire.com/terms_and_conditions.html

Accessories

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RIGID WALL SPACER

Distance between wall and back of upright frame	Catalog Number
3”	WSIN03
6”	WSIN06
9”	WSIN09
12”	WSIN12
18”	WSIN18

Furnished with necessary bolts & nuts. Connects and rigidly holds racks at set spacing. Recommended when upright height is more than six times depth.

ANCHORING BOLT

Size	Catalog Number
1/2” x 4-3/4”	I33536

FLOOR MOUNT POST PROTECTOR

Size	Catalog Number
6” x 1/4”	I5706-P
12” x 1/4”	I5712-P
18” x 1/4”	I5718-P
24” x 1/4”	I5724-P

SERIES 1000 WATERFALL CROSSBAR

Upright frame depth	Catalog Number
36”	A1036G
42”	A1042G
48”	A1048G

ROW SPACER

Distance between upright frames (back to back)	Catalog Number
3”	RSIN03
6”	RSIN06
9”	RSIN09
12”	RSIN12
18”	RSIN18
24”	RSIN24

Furnished with necessary bolts & nuts. Connects and rigidly holds racks at set spacing. Recommended when upright height is more than six times depth.

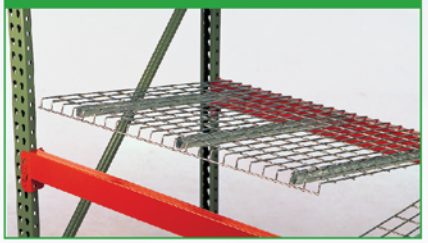
BASE PLATE SHIM

Size	Catalog Number
Standard 4” x 4-1/4” x 10 GA	FP001

AISLE SHIELD

RACK GUARD

WIRE DECK



CERTIFIED WELDERS

Made in the USA

Ches # 16508 5/14

HUSKY RACK & WIRE™

6146 Denver Industrial Park Circle
Denver, NC 28037
800-438-5629

MATERIAL HANDLING INDUSTRY OF AMERICA

Item #80146-4

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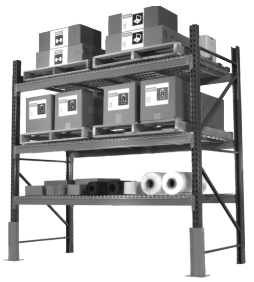
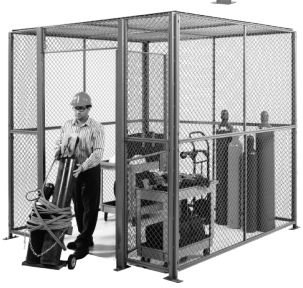
phone: 704-483-1911





Pallet Rack • Wire Partitions • Guarding

Wireway Husky Corp., one of the largest producers of material handling products in the country, is based in Denver, N.C. Its Husky ® products include pallet racks, welded wire-deck, cable reel racks and pallet rack guarding systems. Additionally a whole range of security wire partition products are produced and marketed under the 'Wireway ®' brand name.

QUICK SHIP 48 HOURS GUARANTEED

When you absolutely have to have it
shipped in 48 hours or better.
On ONE shipment - from One location
Come Home to the 'Original', 49 Years
... and still the only
Guaranteed Quick Ship Program coast to
coast.

View Product

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