



**SCOTLAND
RACK, LTD.**

Bulk Storage Rack

BRIDGES THE GAP BETWEEN PALLET RACK AND CONVENTIONAL SHELVING



Scotch Rack®

Heavy-duty racks designed for hand loading of bulky items, cartons, supplies and tools that require rugged, industrial duty, high strength rack in areas where powered lift equipment is not used.

Wide range of in-stock sizes

- **13 Standard Heights:**
3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, and 16 feet
- **9 Standard depths:**
18, 24, 30, 36, 42, 48, 50, 54, and 60 inches
- **7 Standard lengths:**
3, 4, 5, 6, 7, 8 feet and 8 feet 2 inches
- **4 Standard deck types:**
Open, MDF, Corrugated Steel, or Sprinkler decks
- **Custom sizes also available!**
Call for quote.

Shipment schedule for stock sizes: 1 - 5 Days

Shipped knocked down or factory assembled for fastest on-site installation.



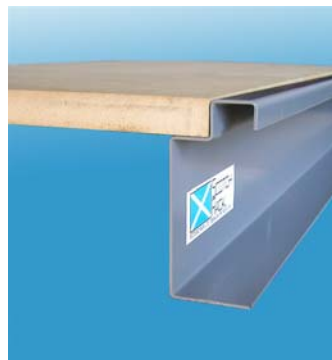
Upright Frames

Keystone slots for deck adjustment on 2" centers. Rugged spreaders and diagonals assure absolute rigidity. Post marked every 6" for easy beam placement.



Wedge angle design end connector

provides a secure, stable fit into keystone slots of post to avoid accidental beam disengagement. End connectors are 12 gauge galvanized steel and attach to beams with a single hammer stroke.



Reverse channel beam

places beam web under load and provides protected surface for labeling. Beams measure 3 1/2" high by 1 1/2" flange with 5/8" high step recess that allows decking material to lie flush with top of beam.



Safety locking deck supports

lock into beam web to eliminate beam twisting under load and also prevent accidental beam disengagement.

Deck and Upright Frame Model Numbers

Medium Density Fiberboard (MDF) Deck

Smooth, non-splintering, 5/8" medium density fiberboard (MDF) panels fit in beam step recess for easy sliding storage. Natural tan finish.



Medium Density Fiberboard Decks							
4 supports per deck (3 ft. long: 2 supports per deck)							
Depth	3 Ft	4 Ft	5 Ft	6 Ft	7 Ft	8 Ft	8 Ft 2 In
	Long	Long	Long	Long	Long	Long	Long
	1-pc deck	1-pc deck	1-pc deck	2-pc deck	2-pc deck	2-pc deck	2-pc deck
18"	17318	17418	17518	17618	17718	17818	17918
24"	17324	17424	17524	17624	17724	17824	17924
30"	17330	17430	17530	17630	17730	17830	17930
36"	17336	17436	17536	17636	17736	17836	17936
42"	17342	17442	17542	17642	17742	17842	17942
48"	17348	17448	17548	17648	17748	17848	17948
50"	17350	17450	17550	17650	17750	17850	17950
54"	17354	17454	17554	17654	17754	17854	17954
60"	17360	17460	17560	17660	17760	17860	17960

Corrugated Steel Deck

Fireproof, durable 5/8" high corrugated steel panels fit into beam step recess for easy sliding storage. Use with packages having bottoms 5" x 5" and larger.



Corrugated Steel Decks						
2 Supports per Deck						
Depth	4 Ft	5 Ft	6 Ft	7 Ft	8 Ft	8 Ft 2 In
	Long	Long	Long	Long	Long	Long
	2-pc deck	3-pc deck	3-pc deck	4-pc deck	4-pc deck	4-pc deck
18"	16418	16518	16618	16718	16818	16918
24"	16424	16524	16624	16724	16824	16924
30"	16430	16530	16630	16730	16830	16930
36"	16436	16536	16636	16736	16836	16936
42"	16442	16542	16642	16742	16842	16942
48"	16448	16548	16648	16748	16848	16948
50"	16450	16550	16650	16750	16850	16950
54"	16454	16554	16654	16754	16854	16954
60"	16460	16560	16660	16760	16860	16960

Open Deck with 2 Supports

Use with your own wire decking material.



Open Decks							
2 Supports per Deck - Use with Wire Decks							
Depth	3 Ft	4 Ft	5 Ft	6 Ft	7 Ft	8 Ft	8 Ft 2 In
	Long	Long	Long	Long	Long	Long	Long
18"	10318	10418	10518	10618	10718	10818	10918
24"	10324	10424	10524	10624	10724	10824	10924
30"	10330	10430	10530	10630	10730	10830	10930
36"	10336	10436	10536	10636	10736	10836	10936
42"	10342	10442	10542	10642	10742	10842	10942
48"	10348	10448	10548	10648	10748	10848	10948
50"	10350	10450	10550	10650	10750	10850	10950
54"	10354	10454	10554	10654	10754	10854	10954
60"	10360	10460	10560	10660	10760	10860	10960

Open Deck with 4 Supports

Use with your own 5/8" thick wood decking material.



Open Decks - 4 Supports per Deck						
Use with Wood Decks - No Decking Included						
Depth	4 Ft	5 Ft	6 Ft	7 Ft	8 Ft	8 Ft 2 In
	Long	Long	Long	Long	Long	Long
18"	14418	14518	14618	14718	14818	14918
24"	14424	14524	14624	14724	14824	14924
30"	14430	14530	14630	14730	14830	14930
36"	14436	14536	14636	14736	14836	14936
42"	14442	14542	14642	14742	14842	14942
48"	14448	14548	14648	14748	14848	14948
50"	14450	14550	14650	14750	14850	14950
54"	14454	14554	14654	14754	14854	14954
60"	14460	14560	14660	14760	14860	14960

Sprinkler Deck

Fireproof, durable 5/8" high corrugated steel panels fit into beam step recess for easy sliding storage. Redistributes sprinkler water to decks below even when upper decks are full of material, but blocks "chimney effect" of flame and hot air rising from decks below. Designed for average sprinkler water discharge of 0.4 to 0.7 gallons/minute per square foot. Use with packages having bottoms 5" x 5" and larger.



Sprinkler Bulk Rack Decks						
2 Supports per Deck						
Depth	4 Ft Long	5 Ft Long	6 Ft Long	7 Ft Long	8 Ft Long	8 Ft 2 In Long
	2-pc deck	3-pc deck	3-pc deck	4-pc deck	4-pc deck	4-pc deck
18"	19418	19518	19618	19718	19818	19918
24"	19424	19524	19624	19724	19824	19924
30"	19430	19530	19630	19730	19830	19930
36"	19436	19536	19636	19736	19836	19936
42"	19442	19542	19642	19742	19842	19942
48"	19448	19548	19648	19748	19848	19948
50"	19450	19550	19650	19750	19850	19950
54"	19454	19554	19654	19754	19854	19954
60"	19460	19560	19660	19760	19860	19960

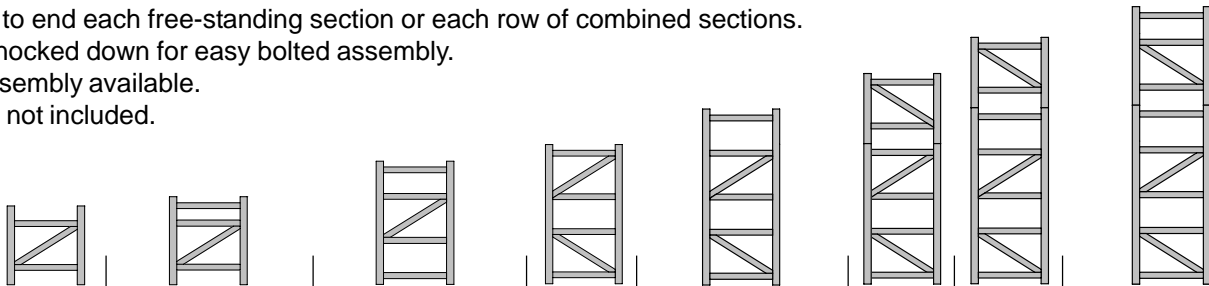
Upright Frames

Order one to end each free-standing section or each row of combined sections.

Shipped knocked down for easy bolted assembly.

Factory assembly available.

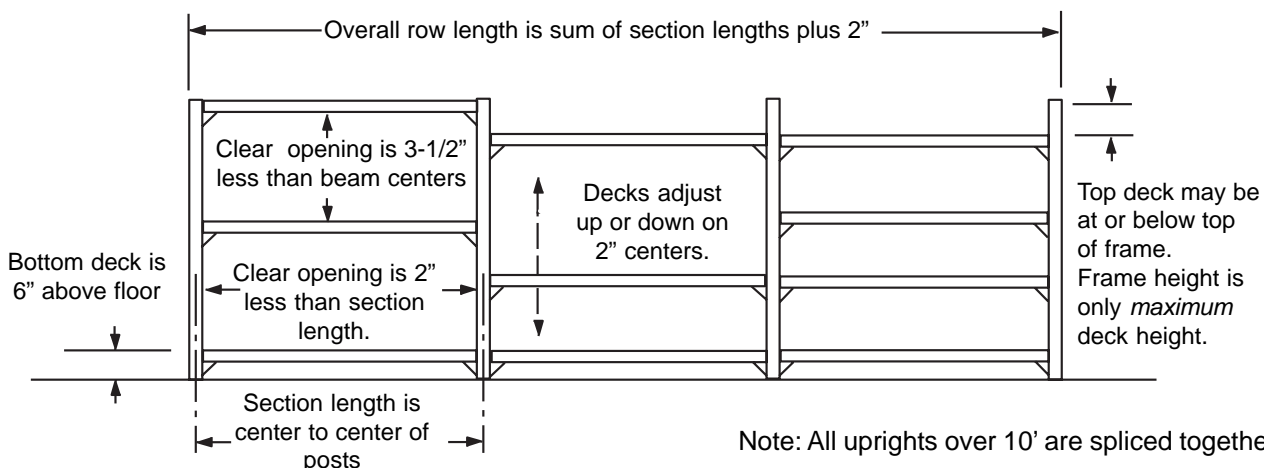
Footplates not included.



Upright Frames												
Depth	3 Ft High	4 Ft High	5 Ft High	6 Ft High	7 Ft High	8 Ft High	9 Ft High	10 Ft High	12 Ft High	14 Ft High	15 Ft High	16 Ft High
18"	31803	31804	31805	31806	31807	31808	31809	31810	31812	31814	31815	31816
24"	32403	32404	32405	32406	32407	32408	32409	32410	32412	32414	32415	32416
30"		33004	33005	33006	33007	33008	33009	33010	33012	33014	33015	33016
36"		33604	33605	33606	33607	33608	33609	33610	33612	33614	33615	33616
42"		34204	34205	34206	34207	34208	34209	34210	34212	34214	34215	34216
48"		34804	34805	34806	34807	34808	34809	34810	34812	34814	34815	34816
50"		35004	35005	35006	35007	35008	35009	35010	35012	35014	35015	35016
54"		35404	35405	35406	35407	35408	35409	35410	35412	35414	35415	35416
60"		36004	36005	36006	36007	36008	36009	36010	36012	36014	36015	36016

Layout Dimensions

Order end frames and decks to construct your own custom configurations. (Complete 8' high starter and add-on units with 3 decks also available.) Depth is overall depth of frames and decks. Distance inside beam steps is 1-3/4" less. Only one end frame required between sections in a row.



Design Features

- On 50" deep x 8'2" long open deck, no need to cut wood - 4' x 8' sheet drops right into deck.
- All Steel edges are safety rolled for freedom from accidental cuts.
- Posts marked every 6" for easy beam placement.
- Keystone slots for deck adjustment on 2" centers.
- Gray enamel finish standard.
- The following optional accessories are available and kept in factory stock: wall anchor brackets, anchor foot plates, back-to-back frame connectors, and double anchor footplates.

Distributed by:

Load Ratings



Upright Frames

- 10,500 lb. per frame for beams on 36" max centers and lowest beams 18" maximum above the floor.
- 8,300 lb. per frame for beams on 48" maximum centers and lowest beams 24" maximum above the floor.
- If beams are used at the bottom, don't count the bottom storage level in figuring the allowable frame load.
- If beams are not used at the bottom of posts, posts *must* be anchored to the floor.
- Rack levelling is essential for proper installation.

Total Pounds per Deck or Pair of Beams Evenly Distributed

Depth	Beam Length						
	3'	4'	5'	6'	7'	8'	8'2"
Corrugated Steel Deck 2 supports per deck							
18"	2600	2600	2440	2010	1720	1500	1460
24"	2260	2600	2440	2010	1720	1500	1460
30"	1230	1660	2100	2010	1720	1500	1460
36"	880	1180	1500	1810	1720	1500	1460
42"	710	950	1210	1460	1710	1500	1460
48"	590	780	1000	1210	1410	1500	1460
50"	570	760	950	1160	1350	1500	1460
54"	510	690	860	1040	1220	1400	1420
60"	460	630	780	950	1100	1270	1290
Sprinkler Deck 2 supports per deck							
18"		2490	2440	2010	1720	1500	1460
24"		2490	2440	2010	1720	1500	1460
30"		1660	2080	2010	1720	1500	1460
36"		950	1200	1440	1690	1500	1460
42"		760	960	1160	1360	1500	1460
48"		630	790	960	1130	1290	1310
50"		600	760	920	1080	1240	1270
54"		550	690	830	970	1110	1140
60"		490	630	760	890	1020	1030
Medium Density Fiberboard Deck 4 supports per deck							
18"	2300	2600	2440	2010	1720	1500	1460
24"	2090	2600	2440	2010	1720	1500	1460
30"	1890	2600	2440	2010	1720	1500	1460
36"	1510	2600	2440	2010	1720	1500	1460
42"	1400	2600	2440	2010	1720	1500	1460
48"	1170	2300	2320	2010	1720	1500	1460
50"	1120	2210	2230	1930	1650	1500	1460
54"	690	1410	1420	1430	1440	1450	1450
60"	540	1070	1070	1070	1070	1070	1070
Steel Beam Pair							
	2750	2600	2440	2010	1720	1500	1460



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