



*Taking a Bite out of the
Competition!*

Structural Rack

Structural Rack & Drive In Storage Systems





Taking a Bite out of the Competition!

1-866-285-5725

Welcome to The Bulldog Rack Company!

Bulldog Rack Company is a leading manufacturer in the storage equipment industry, offering a full line of racks to meet the demands of an ever-changing warehouse environment. Bulldog's high-strength structural rack provides additional resistance to forklift abuse.

Bulldog's professional engineers and outstanding sales staff work together with the dealer network to design a storage system that will fill all your warehouse needs. The production team, working with the state-of-the-art machinery in our 250,000 square foot facilities, proudly produces high quality products for you.

Structural Selective Rack

Structural Uprights

The structural frames are made from 3", 4" or 5" channels, pre-punched on 4" centers, with structural angle bracing throughout. The frames can be reinforced to provide additional strength and/or impact resistance.

Structural uprights are available with sloped or offset front legs for both selective and drive-in applications.



Upright Frame

Structural Beam

Row End Protector

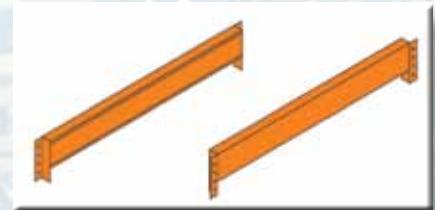
End of Row Guard



Structural Beams

Structural beams are available in a range of channel sizes. The hole configuration in the connectors provides elevation adjustment on 2" centers. Beams utilizing structural connectors with step beams are also available.

Channel beams provide additional impact resistance for point loading from skids. The beams are sized to accommodate the required capacities. The beams are attached with four grade 5 bolts each. Bolt-in pallet supports in various capacities are available. Wire mesh decking may also be purchased for channel beams.



Structural Beam Capacities

Capacities are in Pounds per Pair

| BEAM LENGTH | SB30-3.5 | | SB30-4.1 | | SB40.4.5 | | SB40-5.4 | | SB50-6.7 | | SB60-8.2 | |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | BRACED | UNBRACED | BRACED | UNBRACED | BRACED | UNBRACED | BRACED | UNBRACED | BRACED | UNBRACED | BRACED | UNBRACED |
| 48 | 11,340 | 11,340 | 12,820 | 12,820 | 17,180 | 16,970 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 |
| 54 | 10,150 | 9,960 | 11,470 | 11,250 | 15,340 | 14,680 | 12,980 | 18,570 | 20,000 | 20,000 | 20,000 | 20,000 |
| 60 | 9,190 | 8,780 | 10,380 | 9,920 | 13,870 | 12,860 | 17,500 | 16,220 | 19,420 | 19,200 | 20,000 | 20,000 |
| 66 | 8,410 | 7,810 | 9,490 | 8,830 | 12,660 | 11,360 | 16,050 | 14,280 | 17,690 | 17,050 | 20,000 | 20,000 |
| 72 | 7,760 | 7,010 | 8,670 | 7,910 | 11,660 | 10,110 | 14,760 | 12,670 | 16,260 | 15,250 | 20,000 | 20,000 |
| 78 | 6,770 | 6,320 | 7,440 | 7,130 | 10,810 | 9,050 | 13,680 | 11,300 | 15,010 | 13,730 | 20,000 | 19,340 |
| 84 | 5,880 | 5,730 | 6,460 | 6,460 | 10,080 | 8,130 | 12,740 | 10,120 | 14,000 | 12,420 | 20,000 | 17,840 |
| 90 | 5,160 | 5,160 | 5,660 | 5,660 | 9,450 | 7,330 | 11,930 | 9,110 | 13,100 | 11,290 | 18,930 | 16,130 |
| 96 | 4,570 | 4,570 | 5,010 | 5,010 | 8,890 | 6,640 | 11,090 | 8,200 | 12,310 | 10,290 | 17,700 | 14,670 |
| 102 | 4,080 | 4,080 | 4,470 | 4,470 | 8,020 | 6,020 | 9,860 | 7,400 | 11,690 | 9,410 | 16,760 | 13,370 |
| 108 | 3,660 | 3,660 | 4,010 | 4,010 | 7,190 | 5,460 | 8,830 | 6,690 | 10,990 | 8,630 | 15,850 | 12,220 |
| 114 | 3,310 | 3,310 | 3,630 | 3,630 | 6,490 | 4,970 | 7,960 | 6,060 | 10,430 | 7,930 | 15,040 | 11,180 |
| 120 | 3,010 | 3,010 | 3,290 | 3,290 | 5,880 | 4,520 | 7,210 | 5,480 | 9,940 | 7,300 | 14,310 | 10,250 |
| 126 | 2,750 | - | 3,010 | - | 5,360 | - | 6,570 | 4,960 | 9,480 | 6,720 | 13,650 | 9,410 |
| 132 | 2,520 | - | 2,760 | - | 4,910 | - | 6,010 | 4,480 | 9,070 | 6,200 | 13,050 | 8,640 |
| 138 | 2,320 | - | 2,540 | - | 4,510 | - | 5,520 | 4,040 | 8,700 | 5,720 | 12,500 | 7,930 |
| 144 | 2,150 | - | 2,350 | - | 4,170 | - | 5,090 | 3,640 | 8,350 | 5,280 | 12,000 | 7,290 |
| 150 | 1,990 | - | 2,170 | - | 3,860 | - | 4,710 | - | 8,040 | - | 11,540 | - |
| 156 | 1,850 | - | 2,020 | - | 3,580 | - | 4,370 | - | 7,740 | - | 11,110 | - |
| 162 | 1,730 | - | 1,890 | - | 3,340 | - | 4,070 | - | 7,470 | - | 10,720 | - |
| 168 | 1,620 | - | 1,770 | - | 3,120 | - | 3,800 | - | 7,100 | - | 10,350 | - |
| 174 | 1,550 | - | 1,660 | - | 2,920 | - | 3,550 | - | 6,240 | - | 10,010 | - |
| 180 | 1,430 | - | 1,560 | - | 2,740 | - | 3,330 | - | 6,220 | - | 9,550 | - |

- To use braced beam capacity, you must use at least one beam brace and order a punched beam.

Step Beams

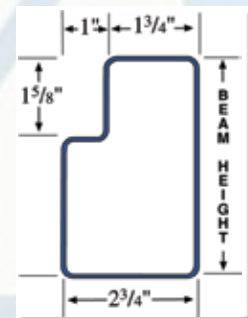
Bulldog also manufactures step beams with structural connectors. This provides the benefits of the structural frame with the lighter weight of a stepbeam.

Accessories like hat section and flanged pallet supports as well as wire mesh deck are the same as those for teardrop and keystone shelves.



* Wire mesh decks for channel and step beams are different.

* Please specify beam type when ordering.



Step Beam Capacities

Capacities are in Pounds per Pair

| Beam Length Lbs./Pair | RBS30 16 GA | RBS35 16 GA | RBS40 16 GA | RBS425 16 GA | RBS45 16 GA | RBS50 16 GA | RBS55 14 GA | RBS60 14 GA | RBS65 14 GA |
|--------------------------|----------------|----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|
| 48 | 7,398 | 8,749 | 10,100 | 11,150 | 12,400 | 12,400 | 12,400 | 12,400 | 12,400 |
| 54 | 6,658 | 7,850 | 9,042 | 9,985 | 11,680 | 12,400 | 12,400 | 12,400 | 12,400 |
| 60 | 6,065 | 7,163 | 8,260 | 9,070 | 10,590 | 12,350 | 12,400 | 12,400 | 12,400 |
| 66 | 5,582 | 6,589 | 7,597 | 8,395 | 9,700 | 11,305 | 12,400 | 12,400 | 12,400 |
| 72 | 4,825 | 5,904 | 6,982 | 7,710 | 8,990 | 10,420 | 12,400 | 12,400 | 12,400 |
| 78 | 4,168 | 5,325 | 6,482 | 7,265 | 8,310 | 9,680 | 12,400 | 12,400 | 12,400 |
| 84 | 3,645 | 4,762 | 5,879 | 6,790 | 7,760 | 9,025 | 12,400 | 12,400 | 12,400 |
| 90 | 3,218 | 4,237 | 5,256 | 6,125 | 7,300 | 8,510 | 12,090 | 12,400 | 12,400 |
| 96 | 2,868 | 3,754 | 4,640 | 5,080 | 6,390 | 8,002 | 11,275 | 12,400 | 12,400 |
| 102 | 2,580 | 3,395 | 4,210 | 4,910 | 6,200 | 7,590 | 10,200 | 12,205 | 12,400 |
| 108 | 2,340 | 3,055 | 3,771 | 4,415 | 5,260 | 7,140 | 10,090 | 11,250 | 12,400 |
| 114 | 2,160 | 2,791 | 3,421 | 3,986 | 5,020 | 6,445 | 9,502 | 11,000 | 12,250 |
| 120 | 1,960 | 2,616 | 3,273 | 3,950 | 4,600 | 5,790 | 8,620 | 10,100 | 11,450 |
| 126 | 1,790 | 2,339 | 2,888 | 3,365 | 4,200 | 5,320 | 7,895 | 9,690 | 11,050 |
| 132 | 1,645 | 2,151 | 2,658 | 3,085 | 3,850 | 4,935 | 7,200 | 8,800 | 10,560 |
| 138 | 1,534 | 2,003 | 2,473 | 2,855 | 3,560 | 4,500 | 6,595 | 8,190 | 9,870 |
| 144 | 1,410 | 1,839 | 2,268 | 2,650 | 3,300 | 4,205 | 6,005 | 7,596 | 9,090 |

Uprights

Offset front posts and sloped posts are available to reduce fork lift damage.



Upright Capacities - Structural Design

| Floor to Beam or Beam to Beam | SUF3-3.5 | SUF3-4.1 | SUF4-4.5 | SUF4-5.4 |
|-------------------------------|----------|----------|----------|----------|
| 36" | 33,500 | 38,100 | 43,500 | 56,500 |
| 42" | 33,500 | 38,100 | 43,500 | 56,500 |
| 48" | 33,500 | 38,100 | 43,500 | 56,500 |
| 54" | 33,500 | 38,100 | 43,500 | 56,500 |
| 60" | 33,000 | 36,500 | 43,500 | 56,500 |
| 66" | 29,700 | 32,700 | 43,500 | 56,500 |
| 72" | 26,400 | 28,900 | 43,400 | 54,100 |
| 78" | 23,300 | 25,300 | 40,200 | 50,200 |
| 84" | 20,300 | 21,900 | 36,900 | 46,300 |
| 90" | 17,600 | 18,900 | 33,700 | 42,400 |
| 96" | 15,400 | 16,600 | 30,600 | 38,600 |



Capacities are based on:

- RMI 2008 specifications.
- 50 KSI minimum yield.
- Plumb, undamaged posts for static loading only.

- Upright Frames must be anchored with at least one anchor per post.



Drive-In and Drive-Thru Rack

Drive-In and Drive-Thru Racks are the solution to high density bulk storage needs. The pallets are stored on angle load rails and are accessed by a fork truck which drives into the system. Drive-In rack is approached from a single entry.

Every Drive-In or Drive-Thru system is custom-designed at Bulldog Rack to accommodate the specific needs of the customer and to give the best possible utilization of space. The systems are free standing with no ties to walls or ceilings required. The systems are available in either structural or Hi-Line components.



Powder Coated Finish & Color Selections:

Bulldog's Powder Coated finish is applied electrostatically, and then baked to provide our products with a durable and beautiful high gloss finish that is the best in the industry. Our powder coat finish is superior to our competition's wet spray or dip, and the quality high-gloss finish is free of unsightly paint runs.

Bulldog offers the largest selection of color finishes in the industry, allowing customers to mix and match the colors to create a pleasing work environment for their employees.



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