

Steel King Industries Inc.

SK2500 Tubular BOLTED Pallet Rack Upright Frame Capacity Chart

Upright Frame Post Type:	BTFAP	BTFAG	BTFBP	BTFBG	BTFBB	BTFBW
Nom. Post Size:	3" x 1-5/8"	3" x 1-5/8"	3" x 3"	3" x 3"	3" x 3"	3" x 3"
Maximum Upright Load based on standard baseplates (see note 12)	27,300	27,300	32,800	32,800	32,800	32,800
MAX vertical Beam Spacing:						
36"	22,780#	27,790#	31,340#	41,430#	50,330#	57,480#
42"	22,780#	27,790#	28,940#	38,220#	46,400#	52,950#
48"	20,480#	25,040#	26,390#	34,830#	42,240#	48,160#
54"	18,140#	22,150#	23,780#	31,350#	37,980#	43,250#
60"	15,830#	19,300#	21,160#	27,870#	33,720#	38,360#
66"	13,620#	16,590#	18,600#	24,470#	29,570#	33,590#
72"	11,540#	14,030#	16,150#	21,220#	25,600#	29,050#
78"	9,830#	11,950#	13,830#	18,150#	21,880#	24,800#
84"	8,470#	10,300#	11,920#	15,650#	18,870#	21,390#
90"	7,380#	8,980#	10,390#	13,630#	16,430#	18,630#
96"	6,490#	7,890#	9,130#	11,980#	14,440#	16,370#
102"	5,750#	6,990#	8,090#	10,610#	12,790#	14,500#
108"	5,120#	6,230#	7,210#	9,470#	11,410#	12,930#
114"	4,600#	5,590#	6,470#	8,500#	10,240#	11,610#
120"	4,150#	5,050#	5,840#	7,670#	9,240#	10,480#
126"			5,300#	6,950#	8,380#	9,500#
132"			4,830#	6,340#	7,640#	8,660#
138"			4,410#	5,800#	6,990#	7,920#
144"			4,050#	5,320#	6,420#	7,270#
Over 144" Consult Factory						

NOTE: All capacities assume a minimum of 2 beam levels per bay.



Steel King Beam Capacity Chart; Step Beams, SK2500 Bolted Rack Only.

Beam Series:	Number of Pallets per shelf		SBTUM300	SBTUM350	SBTUM400	SBTUM475
Beam Height:			3.1875"	3.6875"	4.1875"	4.8125"
Beam Length		Capacity	Capacity	Capacity	Capacity	
48"	1	6,000#	7,620#	9,460#	11,240#	
54"	1	5,320#	6,760#	8,580#	10,140#	
60"	1	4,800#	6,100#	7,540#	9,280#	
66"	1	4,360#	5,540#	6,860#	8,560#	
72"	1	4,000#	5,080#	6,280#	7,960#	
78"	1	3,680#	4,680#	5,800#	7,440#	
84"	2	3,840#	4,900#	6,060#	7,700#	
90"	2	3,600#	4,560#	5,660#	7,180#	
92"	2	3,520#	4,460#	5,540#	7,020#	
96"	2	3,360#	4,280#	5,300#	6,740#	
100"	2	3,240#	4,100#	5,100#	6,460#	
102"	2	3,160#	4,020#	5,000#	6,340#	
108"	2	3,000#	3,800#	4,720#	5,980#	
114"	2	2,840#	3,600#	4,460#	5,660#	
120"	2	2,700#	3,420#	4,240#	5,380#	
126"	2	2,560#	3,260#	4,040#	5,120#	
132"	3	2,440#	3,100#	3,840#	4,880#	
138"	3	2,320#	2,900#	3,560#	4,520#	
144"	3	2,160#	2,700#	3,320#	4,220#	



Steel King Beam Capacity Chart; Step Beams, SK2500 Bolted Rack Only

Beam Series:	Number of Pallets per shelf		SBTUM550	SBTUM600	SBTUG600	SBTUB600
Beam Height:			5.5625"	6.0625"	6.0625"	6.0625"
Beam Length			Capacity	Capacity	Capacity	Capacity
48"	1		13,640#	15,000#	15,000#	15,000#
54"	1		12,280#	13,820#	15,000#	15,000#
60"	1		11,180#	12,560#	15,000#	15,000#
66"	1		10,280#	11,520#	15,000#	15,000#
72"	1		9,520#	10,660#	14,260#	15,000#
78"	1		8,880#	9,940#	13,260#	15,000#
84"	2		9,380#	10,480#	13,940#	15,000#
90"	2		8,840#	9,860#	13,100#	15,000#
92"	2		8,680#	9,680#	12,840#	14,900#
96"	2		8,380#	9,320#	12,380#	14,340#
100"	2		8,100#	9,000#	11,940#	13,820#
102"	2		7,960#	8,860#	11,720#	13,580#
108"	2		7,600#	8,420#	11,140#	12,900#
114"	2		7,260#	8,060#	10,640#	12,300#
120"	2		6,960#	7,700#	10,160#	11,740#
126"	2		6,680#	7,400#	9,740#	11,260#
132"	3		6,420#	7,120#	9,360#	10,800#
138"	3		5,940#	6,860#	9,000#	10,320#
144"	3		5,520#	6,540#	8,340#	9,540#
150"	3		5,140#	6,080#	7,740#	8,860#
156"	3		4,800#	5,660#	7,200#	8,240#
162"	3		4,500#	5,300#	6,740#	7,680#
168"	3		4,220#	4,980#	6,300#	7,200#
174"	3		3,980#	4,680#	5,920#	6,760#
180"	4		3,740#	4,400#	5,580#	6,340#
186"	4		3,540#	4,160#	5,260#	5,980#
192"	4		3,360#	3,940#	4,960#	5,660#

Steel King Beam Capacity Chart; Channel Beams, SK2500 Bolted Rack Only.

Beam Type		CBTXL300		CBTXH300		CBTXL400		CBTXH400		CBTXH500			CBTXH600		
Beam Height		3.00"		3.00"		4.00"		4.00"		5.00"			6.00"		
Beam Length	Pallets per Shelf	w/ tie	no tie	w/ tie	no tie	w/ tie	no tie	w/ tie	no tie	w/ (1) tie	w (2) ties	no tie	w/ (1) tie	w (2) ties	no tie
	48"	1	12,420#	10,840#	13,180#	11,660#	15,000#	15,000#	15,000#	15,000#	15,000#		15,000#	15,000#	
54"	1	11,080#	9,480#	11,780#	10,220#	15,000#	13,700#	15,000#	15,000#	15,000#		15,000#	15,000#		15,000#
60"	1	10,020#	8,360#	10,640#	9,060#	14,700#	11,900#	15,000#	13,620#	15,000#		15,000#	15,000#		15,000#
66"	1	9,120#	7,440#	9,700#	8,100#	13,260#	10,420#	13,680#	12,000#	15,000#		15,000#	15,000#		15,000#
72"	1	8,360#	6,660#	8,900#	7,280#	12,040#	9,180#	12,380#	10,640#	15,000#		15,000#	15,000#		15,000#
78"	2	8,680#	6,720#	9,160#	7,400#	12,380#	9,140#	12,680#	10,660#	15,000#		15,000#	15,000#		15,000#
84"	2	7,780#	6,060#	8,060#	6,700#	11,380#	8,100#	11,620#	9,520#	15,000#		13,360#	15,000#		15,000#
90"	2	6,920#	5,480#	7,160#	6,100#	10,520#	7,120#	10,680#	8,540#	15,000#		11,860#	15,000#		15,000#
92"	2	6,660#	5,300#	6,900#	5,900#	10,240#	6,820#	10,400#	8,240#	15,000#		11,400#	15,000#		15,000#
96"	2	6,200#	4,960#	6,420#	5,540#	9,740#	6,300#	9,880#	7,660#	15,000#		10,460#	15,000#		14,480#
100"	2	5,780#	4,620#	5,980#	5,220#	9,280#	5,820#	9,380#	7,100#	14,920#		9,640#	15,000#		13,300#
102"	2	5,600#	4,460#	5,780#	5,060#	9,060#	5,600#	9,160#	6,840#	14,560#		9,260#	15,000#		12,760#
108"	2	5,080#	4,020#	5,260#	4,600#	8,440#	5,020#	8,520#	6,140#	13,520#		8,260#	15,000#		11,340#
114"	2	4,640#	3,640#	4,800#	4,180#	7,900#	4,540#	7,720#	5,540#	12,620#		7,420#	15,000#		10,140#
120#	2#	4,260#	3,340#	4,400#	3,820#	7,400#	4,120#	7,000#	5,020#	11,780#		6,720#	15,000#		9,140#
126"	2	3,920#	3,060#	4,060#	3,500#	6,940#	3,760#	6,380#	4,600#	11,020#		6,100#	15,000#		8,280#
132#	3#	3,640#	2,820#	3,760#	3,220#	6,440#	3,460#	5,840#	4,200#	10,340#		5,580#	14,320#		7,540#
138"	3	3,380#	2,600#	3,480#	2,980#	5,960#	3,180#	5,380#	3,880#	9,700#		5,120#	13,420#		6,900#
144#	3#	3,140#	2,420#	3,240#	2,760#	5,540#	2,940#	4,960#	3,580#	9,120#		4,700#	12,580#		6,320#
150"	3									8,580#	9,380#		11,800#	14,360#	
156#	3#									8,100#	8,720#		11,080#	13,660#	
162"	3									7,620#	8,140#		10,420#	13,000#	
168#	3#									7,200#	7,600#		9,800#	12,340#	
174"	3									6,780#	7,140#		9,240#	11,540#	
180#	4#									6,400#	6,700#		8,700#	10,820#	
186"	4									6,040#	6,320#		8,140#	10,180#	
192#	4#									5,680#	5,960#		7,640#	9,580#	