

Selective Pallet Rack Components and Load Tables

BEAMS

An extensive range of beam profiles are available for different load requirements. Beams are adjusted on 2" centres.

Beams are offered in tear drop or Mecalux style (Mecalux style beams fit both tear drop posts and Mecalux posts).



Beams are available in four different options:

- Step beams (one piece)
- Ledge beams
- Box beams
- Z beams (used for building picking levels only).

STEP-BEAMS	MODEL	HEIGHT(H)
	718	2 3/4"
	818	3 1/8"
	918	3 1/2"
	1018	4"
	1118	4 3/8"

LEDGE-BEAMS	MODEL	HEIGHT
	1115	4 3/8"
	1215	4 3/4"
	1315	5 1/8"
	1515	5 7/8"
	1618	6 1/4"

Z-BEAMS	MODEL	HEIGHT
	55	2 3/16"
	60	2 3/8"
	65	2 9/16"

BOX-BEAMS	MODEL	HEIGHT
	815	3 1/8"
	915	3 1/2"
	1015	4"
	1115	4 3/8"
	1215	4 3/4"
	1315	5 1/8"
	1515	5 7/8"
	1518	6 1/4"

STEP-BEAMS

	U-718	U-818	U-918	U-1018	U-1118	J-1215	J-1315	J-1515	J-1618
48"	5,780	7,030	8,240	10,060	12,000	13,770	15,410	16,000	16,000
54"	5,260	6,390	7,480	9,130	10,870	12,230	13,690	16,000	16,000
60"	4,740	5,760	6,730	8,190	9,740	11,000	12,310	15,110	16,000
66"	4,390	5,330	6,220	7,570	8,990	9,990	11,180	13,730	16,000
72"	4,050	4,900	5,720	6,940	8,230	9,150	10,240	12,570	16,000
78"	3,650	4,650	5,630	6,830	8,090	8,440	9,450	11,600	15,690
84"	3,260	4,390	5,550	6,720	7,940	8,410	9,420	11,570	15,650
90"	2,880	3,880	4,930	6,320	7,460	7,850	8,780	10,790	14,600
96"	2,570	3,450	4,380	5,920	7,040	7,350	8,230	10,110	13,680
102"	2,310	3,100	3,930	5,300	6,660	6,910	7,740	9,510	12,870
108"	2,080	2,800	3,540	4,770	6,200	6,520	7,300	8,970	12,150
114"	1,910	2,560	3,240	4,360	5,650	6,170	6,910	8,500	11,500
120"	1,730	2,320	2,930	3,940	5,110	5,730	6,420	7,890	10,680
126"	1,600	2,140	2,700	3,630	4,700	5,450	6,110	7,510	10,170
132"	1,470	1,960	2,480	3,320	4,290	5,200	5,830	7,160	9,700
138"	1,370	1,820	2,300	3,080	3,970	4,970	5,570	6,850	9,280
144"	1,260	1,690	2,120	2,840	3,660	4,630	5,330	6,560	8,890

LEDGE BEAMS

Z BEAMS

	ZS-U55	ZS-U60	ZS-U65
60"	1,860	3,711	2,375
72"	1,565	3,109	2,000
84"	1,360	2,664	1,730
96"	1,140	2,318	1,530
108"	915	1,850	1,280

BOX BEAMS

	B-815	B-915	B-1015	B-1115	B-1215	B-1315	B-1515	B-1618
48"	9,260	10,630	12,210	13,760	15,400	17,190	17,640	17,640
54"	8,390	9,610	11,040	12,430	13,910	15,530	17,200	17,640
60"	7,520	8,590	9,870	11,110	12,430	13,880	16,750	17,640
66"	6,930	7,910	9,090	10,220	11,440	12,770	15,410	17,550
72"	6,350	7,230	8,310	9,340	10,440	11,670	14,070	17,470
78"	6,190	7,090	8,150	9,160	10,240	11,440	13,780	17,110
84"	6,030	6,960	7,990	8,970	10,030	11,210	13,500	16,760
90"	5,290	6,520	7,500	8,410	9,400	10,510	12,650	15,690
96"	4,690	5,970	7,060	7,920	8,850	9,890	11,900	14,760
102"	4,190	5,320	6,680	7,490	8,360	9,350	11,240	13,940
108"	3,760	4,770	6,110	7,100	7,920	8,870	10,650	13,210
114"	3,430	4,340	5,560	6,630	7,690	8,610	10,340	12,820
120"	3,090	3,910	5,010	6,150	7,460	8,350	10,030	12,430
126"	2,840	3,590	4,600	6,140	6,850	7,970	9,600	11,900
132"	2,590	3,270	4,190	6,130	6,250	7,590	9,180	11,370
138"	2,400	3,030	3,870	5,250	5,770	7,020	8,820	10,930
144"	2,210	2,780	3,560	4,360	5,300	6,450	8,470	10,490

- Beams safety factor conforms with current Rack Manufacturers Institute standards (RMI-1997).
- Capacities are based on uniformly distributed loads per pair of beams.
- Applicable for non-seismic use only.
- For one-piece step beams in excess of 108" in length, an extra-lateral support installed at mid-span is recommended.
- Connectors are available with 3 or 4 pins, depending on the model.