

6 Load capacity and configuration tables

All suspended platform systems must be assembled as detailed in the tables below. This is the way the suspended platform systems were tested and classified by UL.

Platform sections -10-10-10- in feet (-3-3-3- in meters) may be replaced by -7-7- in feet (-2-2- in meters) as long as the maximum number of sections for the selected Rated Working Load and total platform length is not exceeded.

UL-listed Standard Modular Platform System model MHB with end stirrups (Chart 2)

Total platform length		Platform configuration		Total platform weight		Rated working load		Maximum number of sections
Ft/inch	Meter	In sections (ft)	In sections (m)	Lbs	Kg	Lbs	Kg	
6' 9"	2	7	2	160	73	2000	909	2
9' 9"	3	10	3	200	91	2000	909	2
13' 6"	4	7-7	2-2	271	123	2000	909	2
16' 6"	5	10-7	3-2	310	141	2000	909	2
19' 6"	6	10-10	3-3	348	158	2000	909	2
23' 3"	7	7-10-7	2-3-2	420	191	1500	682	3
26' 3"	8	10-7-10	3-2-3	458	208	1500	682	3
29' 3"	9	10-10-10	3-3-3	446	203	1000	455	4
33'	10	10-7-7-10	3-2-2-3	568	258	1000	455	4
36'	11	10-10-7-10	3-3-2-3	607	276	1000	455	4
39'	12	10-10-10-10	3-3-3-3	645	293	1000	455	4
42' 9"	13	10-10-7-7-10	3-3-2-2-3	717	326	750	341	5
45' 9"	14	10-10-7-10-10	3-3-2-3-3	755	343	750	341	5
48' 9"	15	10-10-10-10-10	3-3-3-3-3	830	361	750	341	5

UL-listed standard Modular Platform System model MHB with walk through stirrups (Chart 3)

Total platform length		Wire rope distance		Platform configuration		Total platform weight		Rated working load		Maximum number of sections
Ft/inch	Meter	Ft/inch	Meter	In sections (ft)	In sections (m)	Lbs	Kg	Lbs	Kg	
30' 9"	9	23' 3"	7	10-10-10▼	3-3-3#	847	385	1000	455	5
33' 9"	10	26' 3"	8	10-7-7-10▼	3-2-2-3#	884	402	1000	455	5
36' 9"	11	29' 3"	9	10-7-10-10▼	3-2-3-3#	924	420	1000	455	5
40' 6"	12	33'	10	10-10-10-10▼	3-3-3-3#	994	452	1000	455	5
43' 6"	13	36'	11	10-10-7-7-10▼	3-3-2-2-3#	1034	470	1000	455	5
46' 6"	14	39'	12	10-10-7-7-10-10▼	3-3-2-3-3#	1071	487	1000	455	5
50' 3"	15	42' 9"	13	10-10-10-10-10▼	3-3-3-3-3#	1144	520	750	341	7
53' 3"	16	45' 9"	14	10-10-7-7-10-10▼	3-3-2-2-3-3#	1181	537	750	341	7
56' 3"	17	48' 9"	15	10-10-10-7-10-10▼	3-3-3-2-3-3#	1221	555	750	341	7
46' 6"	14	33'-39'	10-12	10-10-7-7-10-10■	3-3-2-3-3\$	1056	480	750	341	7
49' 6"	15	36'-42' 9"	11-13	10-10-10-10-10■	3-3-3-3-3\$	1096	498	750	341	7
52' 3"	16	39'-45' 9"	12-14	10-10-7-7-10-10■	3-3-2-2-3-3\$	1133	515	750	341	7
56' 3"	17	42'9"-48' 9"	13-15	10-10-10-7-10-10■	3-3-3-2-3-3\$	1206	548	750	341	7
59' 3"	18	45' 9"	14	10-10-10-10-10-10♦	3-3-3-3-3-3♣	1243	565	750	341	7
62' 3"	19	48' 9"	15	10-10-10-7-7-10-10♦	3-3-3-2-2-3-3♣	1283	583	750	341	7

- ▼ 3' 3" feet cantilevered sections are included in outer 3 meter sections.
- Cantilevered sections are included on outer 7 feet sections and may vary between 3 and 7 feet.
- ♦ 7 feet cantilevered sections are included in outer 10 feet sections.
- # 1 meter cantilevered sections are included in outer 3 meter sections.
- \$ Cantilevered sections are included on outer 3 meter sections and may vary between 1 and 2 meters.
- ♣ 2 meters cantilevered sections are included in outer 3 meter sections.

- The charts 2 and 3 takes into consideration that 2 each powered scaffold hoists will be used.
- Please be sure to consult your Altrex supplier on factory approval for any configuration not listed in the tables. Please be aware that any such configuration, if not approved, may imply serious risks of physical injury, damage or worse. Any liability of the manufacturer and supplier for non-approved configurations is herewith explicitly rejected.
- Total platform weight does not include weight of hoist, material or workers.
- Rated working load must be evenly distributed on platform.