

Allowable Double Cantilever Load and Length Configurations

For use with all Spider stirrups and cross beam assembly.

PLATFORM LENGTH		500 lb (226.8) kg / 2 PERSONNEL				750 lb (340.2) kg / 3 PERSONNEL				1000 lb (453.6) kg / 4 PERSONNEL				PLATFORM WEIGHT	
ft	m	MIN		MAX		MIN		MAX		MIN		MAX		lb	kg
		ft	m	ft	m	ft	m	ft	m	ft	m	ft	m		
20	6.1	0	0	4	1.2	0	0	4	1.2	0	0	3	0.9	788	357.4
21	6.4	0	0	5	1.5	0	0	4	1.2	0	0	3	0.9	865	392.4
22	6.7	0	0	5	1.5	0	0	4	1.2	0	0	4	1.2	914	414.6
23	7	0	0	5	1.5	0	0	4	1.2	0	0	4	1.2	857	388.7
24	7.3	0	0	6	1.8	0	0	4	1.2	0	0	4	1.2	934	423.7
25	7.6	0	0	6	1.8	0	0	5	1.5	0	0	4	1.2	877	397.8
26	7.9	0	0	6	1.8	0	0	5	1.5	0	0	4	1.2	926	420
27	8.2	0	0	7	2.1	0	0	5	1.5	0	0	5	1.5	1003	455
28	8.5	0	0	7	2.1	0	0	5	1.5	0	0	5	1.5	946	429.1
29	8.8	0	0	7	2.1	0	0	6	1.8	0	0	5	1.5	995	451.3
30	9.1	0	0	7	2.1	0	0	6	1.8	0	0	5	1.5	938	425.5
31	9.5	0	0	8	2.4	0	0	6	1.8	0	0	5	1.5	1015	460.4
32	9.8	0	0	8	2.4	0	0	6	1.8	0	0	5	1.5	1064	482.6
33	10.1	0	0	8	2.4	0	0	6	1.8	0	0	5	1.5	1007	456.8
34	10.4	0	0	9	2.7	0	0	7	2.1	0	0	5	1.5	1084	491.7
35	10.7	0	0	9	2.7	0	0	7	2.1	0	0	5	1.5	1027	465.8
36	11	0	0	9	2.7	0	0	7	2.1	0	0	5	1.5	1076	488.4
37	11.3	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1153	523
38	11.6	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1096	497.1
39	11.9	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1145	519.4
40	12.2	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1088	493.5
41	12.5	0	0	11	3.4	0	0	9	2.7	1	0.3	5	1.5	1165	528.4
42	12.8	0	0	11	3.4	0	0	9	2.7	1	0.3	5	1.5	1214	550.7
43	13.1	0	0	11	3.4	0	0	9	2.7	2	0.6	5	1.5	1157	524.8
44	13.4	0	0	12	3.7	0	0	10	3.1	2	0.6	5	1.5	1234	559.7
45	13.7	0	0	12	3.7	0	0	10	3.1	3	0.9	5	1.5	1177	533.9
46	14	0	0	12	3.7	0	0	10	3.1	3	0.9	5	1.5	1226	556.1
47	14.3	0	0	13	4	0	0	11	3.4	4	1.2	5	1.5	1303	591
48	14.6	0	0	13	4	0	0	11	3.4	4	1.2	5	1.5	1246	565.2
49	14.9	0	0	13	4	0	0	11	3.4	5	1.5	5	1.5	1295	587.4
50	15.2	0	0	13	4	0	0	11	3.4	5	1.5	5	1.5	1238	561.6
51	15.5	0	0	14	4.3	1	0.3	11	3.4	NOT ALLOWED				1315	596.5
52	15.9	0	0	15	4.6	1	0.3	12	3.7	NOT ALLOWED				1364	618.7
53	16.2	0	0	15	4.6	2	0.6	12	3.7	NOT ALLOWED				1307	592.9
54	16.5	0	0	15	4.6	2	0.6	12	3.7	NOT ALLOWED				1384	627.8
55	16.8	0	0	15	4.6	3	0.9	12	3.7	NOT ALLOWED				1327	601.9
56	17.1	0	0	15	4.6	3	0.9	13	4	NOT ALLOWED				1376	624.1
57	17.4	0	0	15	4.6	4	1.2	14	4.3	NOT ALLOWED				1453	659.1
58	17.7	0	0	15	4.6	4	1.2	14	4.3	NOT ALLOWED				1396	633.2
59	18	0	0	15	4.6	5	1.5	14	4.3	NOT ALLOWED				1445	655.4
60	18.3	0	0	15	4.6	5	1.5	14	4.3	NOT ALLOWED				1388	629.6
61	18.6	1	0.3	15	4.6	6	1.8	15	4.6	NOT ALLOWED				1465	664.5
62	18.9	1	0.3	15	4.6	6	1.8	15	4.6	NOT ALLOWED				1514	686.7
63	19.2	2	0.6	15	4.6	7	2.1	15	4.6	NOT ALLOWED				1457	660.9
64	19.5	2	0.6	15	4.6	7	2.1	15	4.6	NOT ALLOWED				1534	695.8
65	19.8	3	0.9	15	4.6	8	2.4	15	4.6	NOT ALLOWED				1477	670
66	20.1	3	0.9	15	4.6	8	2.4	15	4.6	NOT ALLOWED				1526	692.2
67	20.4	4	1.2	15	4.6	9	2.7	15	4.6	NOT ALLOWED				1603	727.1
68	20.7	4	1.2	15	4.6	9	2.7	15	4.6	NOT ALLOWED				1546	701.3
69	21	5	1.5	15	4.6	10	3.1	15	4.6	NOT ALLOWED				1595	723.5
70	21.3	5	1.5	15	4.6	10	3.1	15	4.6	NOT ALLOWED				1538	697.6
71	21.6	6	1.8	15	4.6	11	3.4	15	4.6	NOT ALLOWED				1615	732.6
72	21.9	6	1.8	15	4.6	11	3.4	15	4.6	NOT ALLOWED				1664	754.8
73	22.3	7	2.1	15	4.6	12	3.7	15	4.6	NOT ALLOWED				1607	728.9
74	22.6	7	2.1	15	4.6	12	3.7	15	4.6	NOT ALLOWED				1684	763.9
75	22.9	8	2.4	15	4.6	13	4	15	4.6	NOT ALLOWED				1627	738
76	23.2	8	2.4	15	4.6	13	4	15	4.6	NOT ALLOWED				1676	760.2
77	23.5	9	2.7	15	4.6	14	4.3	15	4.6	NOT ALLOWED				1753	795.2
78	23.8	9	2.7	15	4.6	14	4.3	15	4.6	NOT ALLOWED				1696	769.3
79	24.1	10	3.1	15	4.6	15	4.6	15	4.6	NOT ALLOWED				1745	791.5
80	24.4	10	3.1	15	4.6	15	4.6	15	4.6	NOT ALLOWED				1688	765.7

• Rated loads do not apply to platforms with single cantilevers

Requires 1,500 lb. (680.4 kg) hoist

Contact Spider Product Support for Load Distribution Guidance