

Allowable Single 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	3	0.9	0	0	3	0.9	740	335.7
21	6.4	0	0	5	1.5	0	0	4	1.2	0	0	3	0.9	793	359.7
22	6.7	0	0	5	1.5	0	0	4	1.2	0	0	3	0.9	842	381.9
23	7	0	0	5	1.5	0	0	4	1.2	0	0	3	0.9	785	356.1
24	7.3	0	0	6	1.8	0	0	4	1.2	0	0	4	1.2	862	391
25	7.6	0	0	6	1.8	0	0	4	1.2	0	0	4	1.2	805	365.1
26	7.9	0	0	6	1.8	0	0	5	1.5	0	0	4	1.2	854	387.4
27	8.2	0	0	7	2.1	0	0	5	1.5	0	0	4	1.2	931	422.3
28	8.5	0	0	7	2.1	0	0	5	1.5	0	0	4	1.2	874	396.4
29	8.8	0	0	7	2.1	0	0	6	1.8	0	0	5	1.5	923	418.7
30	9.1	0	0	7	2.1	0	0	6	1.8	0	0	5	1.5	866	392.8
31	9.5	0	0	8	2.4	0	0	6	1.8	0	0	5	1.5	943	427.7
32	9.8	0	0	8	2.4	0	0	6	1.8	0	0	5	1.5	992	450
33	10.1	0	0	8	2.4	0	0	6	1.8	0	0	5	1.5	935	424.1
34	10.4	0	0	9	2.7	0	0	7	2.1	0	0	5	1.5	1012	459
35	10.7	0	0	9	2.7	0	0	7	2.1	0	0	5	1.5	955	433.2
36	11	0	0	9	2.7	0	0	7	2.1	0	0	5	1.5	1004	455.4
37	11.3	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1081	490.3
38	11.6	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1024	464.5
39	11.9	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1073	486.7
40	12.2	0	0	10	3.1	0	0	8	2.4	0	0	5	1.5	1016	460.9
41	12.5	0	0	11	3.4	0	0	9	2.7	1	0.3	5	1.5	1061	481.3
42	12.8	0	0	11	3.4	0	0	9	2.7	2	0.6	5	1.5	1142	518
43	13.1	0	0	11	3.4	0	0	9	2.7	3	0.9	5	1.5	1085	492.2
44	13.4	0	0	12	3.7	0	0	10	3.1	4	1.2	5	1.5	1162	527.1
45	13.7	0	0	12	3.7	0	0	9	2.7	5	1.5	5	1.5	1105	501.2
46	14	0	0	12	3.7	0	0	10	3.1	NOT ALLOWED				1154	523.5
47	14.3	0	0	13	4	0	0	10	3.1	NOT ALLOWED				1231	558.4
48	14.6	0	0	13	4	0	0	10	3.1	NOT ALLOWED				1174	532.5
49	14.9	0	0	13	4	0	0	11	3.4	NOT ALLOWED				1223	554.7
50	15.2	0	0	13	4	0	0	11	3.4	NOT ALLOWED				1166	528.9
51	15.5	0	0	14	4.3	1	0.3	11	3.4	NOT ALLOWED				1243	563.8
52	15.9	0	0	15	4.6	2	0.6	12	3.7	NOT ALLOWED				1292	586
53	16.2	0	0	15	4.6	3	0.9	12	3.7	NOT ALLOWED				1235	560.2
54	16.5	0	0	15	4.6	4	1.2	12	3.7	NOT ALLOWED				1312	595.1
55	16.8	0	0	15	4.6	5	1.5	12	3.7	NOT ALLOWED				1255	569.3
56	17.1	0	0	15	4.6	6	1.8	13	4	NOT ALLOWED				1304	591.5
57	17.4	0	0	15	4.6	7	2.1	14	4.3	NOT ALLOWED				1381	626.4
58	17.7	0	0	15	4.6	8	2.4	13	4	NOT ALLOWED				1324	600.6
59	18	0	0	15	4.6	9	2.7	14	4.3	NOT ALLOWED				1373	622.8
60	18.3	1	0.3	15	4.6	10	3.1	14	4.3	NOT ALLOWED				1316	596.9
61	18.6	1	0.3	15	4.6	11	3.4	15	4.6	NOT ALLOWED				1393	631.9
62	18.9	2	0.6	15	4.6	12	3.7	15	4.6	NOT ALLOWED				1442	654.1
63	19.2	3	0.9	15	4.6	13	4	15	4.6	NOT ALLOWED				1385	628.2
64	19.5	4	1.2	15	4.6	14	4.3	15	4.6	NOT ALLOWED				1462	663.2
65	19.8	5	1.5	15	4.6	15	4.6	15	4.6	NOT ALLOWED				1405	637.3
66	20.1	6	1.8	15	4.6	NOT ALLOWED				NOT ALLOWED				1454	659.5
67	20.4	7	2.1	15	4.6	NOT ALLOWED				NOT ALLOWED				1531	694.5
68	20.7	8	2.4	15	4.6	NOT ALLOWED				NOT ALLOWED				1474	668.6
69	21	9	2.7	15	4.6	NOT ALLOWED				NOT ALLOWED				1523	690.8
70	21.3	10	3.1	15	4.6	NOT ALLOWED				NOT ALLOWED				1466	665
71	21.6	11	3.4	15	4.6	NOT ALLOWED				NOT ALLOWED				1543	699.9
72	21.9	12	3.7	15	4.6	NOT ALLOWED				NOT ALLOWED				1592	722.1
73	22.3	13	4	15	4.6	NOT ALLOWED				NOT ALLOWED				1535	696.3
74	22.6	14	4.3	15	4.6	NOT ALLOWED				NOT ALLOWED				1612	731.2
75	22.9	15	4.6	15	4.6	NOT ALLOWED				NOT ALLOWED				1555	705.3
76	23.2	NOT ALLOWED				NOT ALLOWED				NOT ALLOWED				1604	727.6
77	23.5	NOT ALLOWED				NOT ALLOWED				NOT ALLOWED				1681	762.5
78	23.8	NOT ALLOWED				NOT ALLOWED				NOT ALLOWED				1624	736.6
79	24.1	NOT ALLOWED				NOT ALLOWED				NOT ALLOWED				1673	758.9
80	24.4	NOT ALLOWED				NOT ALLOWED				NOT ALLOWED				1616	733

• Rated loads do not apply to platforms with double cantilevers

■ Requires 1,500 lb. (680.4 kg) hoist

■ Contact Spider Product Support for Load Distribution Guidance