

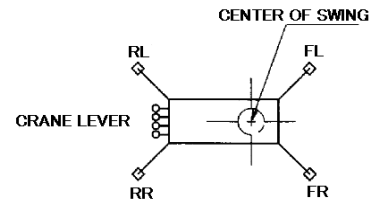
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7000 mm

LIFTING LOAD 480 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	424	424	1920	1920
5	370	483	1736	2100
10	324	543	1551	2270
15	291	600	1370	2427
20	272	652	1197	2566
25	272	695	1036	2684
30	292	727	890	2779
35	334	745	762	2847
40	399	749	655	2886
45	487	736	569	2897
50	598	707	506	2877
55	731	663	466	2829
60	884	604	448	2752
65	1054	533	452	2649
70	1239	452	476	2522
75	1434	363	517	2375
80	1635	271	572	2210
85	1839	178	639	2033
90	2040	88	713	1847
95	2234	6	792	1656
100	2415	(64)	871	1466
105	2580	(120)	948	1280
110	2724	(157)	1019	1103
115	2843	(174)	1080	938
120	2935	(166)	1130	790
125	2997	(133)	1165	660
130	3026	(74)	1185	551
135	3022	12	1189	465
140	2984	125	1176	402
145	2914	264	1147	363
150	2812	425	1103	348
155	2681	608	1044	354
160	2524	809	975	381
165	2343	1023	896	426
170	2143	1247	812	487
175	1929	1476	725	559
180	1705	1705	639	639

MAX (kg)	3026	1705	1920	2897
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(k g)