

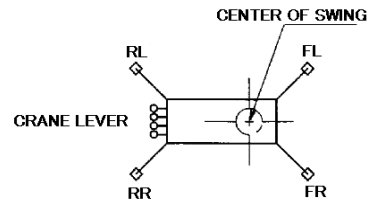
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5500 mm

LIFTING LOAD 760 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	499	499	2020	2020
5	469	534	1852	2184
10	447	571	1681	2339
15	436	608	1514	2481
20	438	640	1353	2607
25	457	667	1201	2714
30	493	685	1062	2799
35	548	692	938	2859
40	624	689	831	2895
45	719	673	743	2903
50	833	645	675	2885
55	966	606	626	2840
60	1115	556	597	2770
65	1279	496	587	2676
70	1454	429	594	2561
75	1638	358	616	2426
80	1826	285	652	2276
85	2014	213	697	2114
90	2199	146	751	1943
95	2375	87	809	1768
100	2540	38	868	1592
105	2689	4	926	1419
110	2819	(14)	980	1253
115	2926	(12)	1026	1098
120	3007	11	1064	956
125	3060	57	1091	830
130	3084	127	1106	722
135	3077	220	1108	634
140	3040	336	1096	565
145	2973	475	1072	518
150	2878	634	1036	491
155	2755	810	989	484
160	2608	1002	933	494
165	2440	1206	871	521
170	2254	1417	805	562
175	2055	1632	738	613
180	1846	1846	673	673

MAX (kg)	3084	1846	2020	2903
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(k g)