

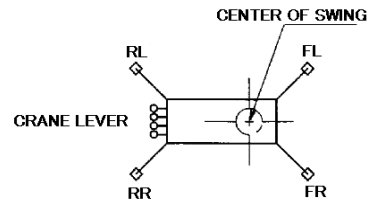
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4000 mm

LIFTING LOAD 1400 kg

STAGE 2

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	638	638	2281	2281
5	636	647	2115	2440
10	642	659	1947	2591
15	658	671	1781	2728
20	688	683	1619	2849
25	732	690	1464	2951
30	793	693	1320	3032
35	871	688	1190	3090
40	966	676	1074	3123
45	1079	655	974	3130
50	1209	625	892	3112
55	1355	588	828	3068
60	1514	543	782	2999
65	1686	493	752	2908
70	1866	438	739	2795
75	2052	382	740	2664
80	2240	327	753	2518
85	2427	275	777	2359
90	2609	229	809	2191
95	2782	193	846	2018
100	2942	168	885	1843
105	3085	157	925	1671
110	3209	164	962	1504
115	3309	189	995	1345
120	3385	234	1021	1198
125	3433	301	1040	1064
130	3452	390	1049	947
135	3442	501	1048	847
140	3402	633	1038	766
145	3332	785	1018	703
150	3235	956	988	659
155	3112	1142	951	633
160	2964	1342	909	624
165	2796	1551	861	630
170	2610	1766	812	649
175	2410	1984	764	680
180	2200	2200	719	719

MAX (kg)	3452	2200	2281	3130
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(kg)