

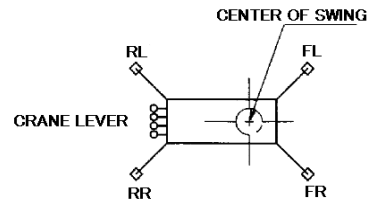
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 1200 kg

STAGE 3

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	614	614	2180	2180
5	607	626	2028	2327
10	609	642	1873	2465
15	619	658	1720	2591
20	642	673	1570	2702
25	679	685	1428	2796
30	730	692	1296	2871
35	797	692	1175	2924
40	880	685	1068	2954
45	980	671	977	2960
50	1095	649	901	2943
55	1225	619	842	2902
60	1367	583	799	2839
65	1520	541	772	2755
70	1682	495	760	2651
75	1850	448	760	2530
80	2020	401	773	2395
85	2189	356	794	2248
90	2354	317	823	2094
95	2512	285	857	1934
100	2658	264	893	1773
105	2789	255	930	1614
110	2903	261	964	1460
115	2997	284	994	1314
120	3069	324	1018	1178
125	3116	383	1034	1055
130	3137	462	1043	947
135	3132	559	1042	855
140	3100	676	1032	780
145	3043	810	1013	722
150	2960	961	986	681
155	2853	1125	952	658
160	2726	1301	912	649
165	2579	1486	869	655
170	2416	1676	823	673
175	2241	1867	779	701
180	2057	2057	737	737

MAX (kg)	3137	2057	2180	2960
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(kg)