

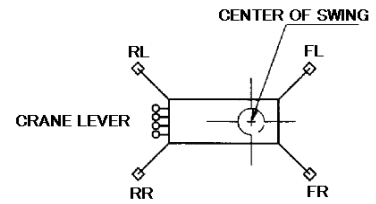
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3500 mm

LIFTING LOAD 1650 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	743	743	2332	2332
5	754	738	2181	2477
10	773	737	2027	2613
15	802	737	1874	2738
20	842	737	1724	2847
25	896	735	1580	2939
30	964	730	1445	3012
35	1046	719	1321	3063
40	1144	704	1210	3093
45	1257	682	1113	3099
50	1385	654	1031	3082
55	1525	620	964	3042
60	1677	582	913	2979
65	1839	540	876	2896
70	2007	495	854	2794
75	2180	451	845	2675
80	2354	409	846	2541
85	2526	371	858	2396
90	2692	339	876	2243
95	2850	316	900	2085
100	2995	305	927	1924
105	3124	307	955	1765
110	3235	324	981	1610
115	3325	359	1004	1462
120	3392	411	1023	1324
125	3434	483	1036	1198
130	3449	575	1042	1085
135	3438	685	1040	987
140	3400	815	1031	905
145	3335	962	1014	840
150	3244	1125	991	791
155	3130	1301	961	758
160	2994	1489	928	740
165	2838	1685	892	736
170	2667	1886	855	743
175	2482	2088	819	761
180	2288	2288	787	787

MAX (kg)	3449	2288	2332	3099
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(k g)