

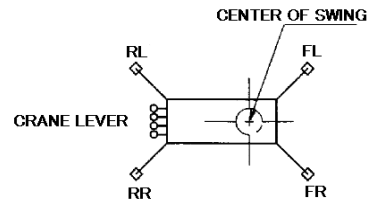
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3000 mm

LIFTING LOAD 2060 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	878	878	2454	2454
5	902	859	2310	2591
10	934	845	2164	2720
15	976	834	2017	2837
20	1028	823	1872	2940
25	1092	812	1733	3026
30	1170	799	1601	3094
35	1260	783	1478	3142
40	1365	763	1366	3169
45	1482	739	1267	3174
50	1612	712	1181	3158
55	1754	680	1109	3120
60	1905	646	1051	3061
65	2064	610	1007	2982
70	2229	574	975	2885
75	2396	539	956	2772
80	2564	507	946	2646
85	2728	480	946	2508
90	2887	461	953	2362
95	3036	450	966	2211
100	3173	451	981	2058
105	3295	465	999	1905
110	3399	494	1016	1755
115	3482	538	1032	1611
120	3543	600	1044	1475
125	3581	680	1052	1350
130	3594	777	1055	1237
135	3581	893	1052	1138
140	3542	1025	1044	1052
145	3479	1173	1029	982
150	3391	1336	1010	926
155	3280	1510	987	885
160	3149	1694	961	858
165	3000	1886	934	843
170	2835	2081	907	840
175	2657	2277	882	847
180	2470	2470	862	862

MAX (kg)	3594	2470	2454	3174
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(kg)