

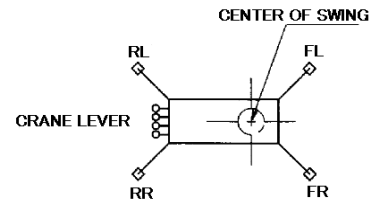
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4000 mm

LIFTING LOAD 1340 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	650	650	2232	2232
5	648	656	2075	2383
10	655	666	1916	2526
15	673	677	1758	2656
20	702	687	1604	2770
25	746	693	1457	2867
30	804	695	1320	2944
35	879	690	1196	2998
40	971	677	1085	3029
45	1079	657	991	3036
50	1203	629	912	3019
55	1342	594	850	2977
60	1494	552	805	2912
65	1657	504	777	2826
70	1828	453	763	2719
75	2005	401	763	2595
80	2183	349	775	2456
85	2361	301	796	2305
90	2533	259	825	2146
95	2697	225	859	1982
100	2849	203	896	1816
105	2984	194	932	1653
110	3101	201	967	1494
115	3197	226	997	1343
120	3268	270	1022	1203
125	3313	335	1039	1076
130	3331	420	1047	964
135	3321	526	1046	869
140	3283	652	1037	791
145	3217	798	1018	731
150	3125	960	990	688
155	3008	1137	956	662
160	2868	1327	915	653
165	2708	1526	871	658
170	2532	1731	826	675
175	2342	1937	781	703
180	2142	2142	739	739

MAX (kg)	3331	2142	2232	3036
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(kg)