

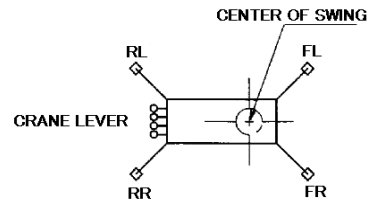
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3000 mm

LIFTING LOAD 2330 kg

STAGE 2

EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	968	968	2538	2538
5	995	947	2410	2661
10	1029	931	2278	2774
15	1071	918	2145	2878
20	1124	907	2014	2968
25	1186	896	1886	3044
30	1260	886	1763	3103
35	1345	875	1648	3144
40	1441	862	1542	3167
45	1549	847	1446	3171
50	1667	830	1360	3155
55	1794	812	1286	3121
60	1928	792	1224	3067
65	2070	773	1173	2997
70	2215	754	1133	2910
75	2363	737	1103	2809
80	2510	723	1083	2696
85	2655	714	1070	2573
90	2794	712	1064	2442
95	2926	717	1064	2305
100	3046	732	1067	2166
105	3155	758	1073	2027
110	3248	796	1079	1890
115	3324	846	1085	1757
120	3381	910	1089	1631
125	3418	989	1092	1514
130	3435	1081	1091	1406
135	3430	1187	1087	1309
140	3403	1306	1079	1224
145	3355	1437	1068	1152
150	3287	1579	1054	1092
155	3200	1730	1038	1045
160	3095	1887	1021	1009
165	2974	2049	1004	985
170	2839	2214	989	971
175	2693	2378	976	966
180	2538	2538	968	968

MAX (kg)	3435	2538	2538	3171
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(kg)