

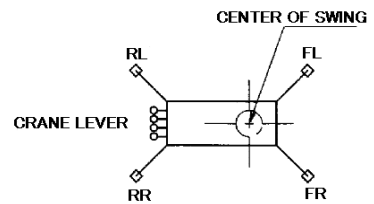
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm

LIFTING LOAD 825 kg

STAGE 3

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



θ	FR	FL	RL	RR
0	504	504	2060	2060
5	477	536	1898	2216
10	458	571	1735	2363
15	450	605	1574	2498
20	454	637	1419	2618
25	473	664	1272	2719
30	509	683	1136	2799
35	562	695	1015	2856
40	633	697	909	2889
45	723	688	820	2897
50	830	669	750	2879
55	955	640	698	2836
60	1094	601	664	2768
65	1247	555	648	2678
70	1410	503	648	2567
75	1581	447	662	2439
80	1755	389	689	2295
85	1931	332	725	2139
90	2103	280	769	1975
95	2269	234	818	1807
100	2423	199	868	1638
105	2564	175	918	1471
110	2686	167	964	1311
115	2789	176	1004	1160
120	2868	203	1036	1021
125	2922	250	1059	897
130	2949	318	1071	790
135	2949	406	1072	701
140	2922	515	1061	631
145	2867	643	1038	580
150	2786	788	1005	549
155	2680	949	963	535
160	2553	1123	913	539
165	2405	1306	858	558
170	2241	1496	800	591
175	2065	1688	741	634
180	1879	1879	685	685

MAX (kg)	2949	1879	2060	2897
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(kg)