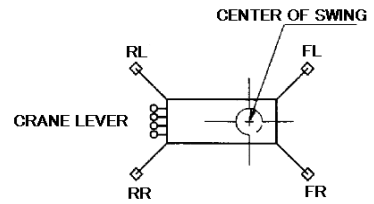


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm
LIFTING LOAD 880 kg
STAGE 3



EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)

θ	FR	FL	RL	RR
0	540	540	2054	2054
5	520	566	1893	2210
10	507	594	1731	2357
15	505	622	1570	2491
20	516	646	1415	2611
25	541	666	1269	2712
30	583	679	1134	2792
35	643	682	1013	2849
40	721	676	908	2882
45	818	660	820	2890
50	932	633	751	2873
55	1064	595	699	2830
60	1210	549	666	2763
65	1369	494	651	2674
70	1539	434	651	2564
75	1715	370	666	2436
80	1896	306	693	2293
85	2076	243	731	2139
90	2252	185	775	1976
95	2420	135	824	1808
100	2577	96	875	1640
105	2718	70	925	1475
110	2841	60	972	1315
115	2941	69	1012	1165
120	3017	98	1045	1028
125	3067	149	1068	905
130	3088	221	1081	798
135	3081	316	1082	710
140	3044	432	1071	641
145	2979	569	1049	591
150	2887	725	1017	560
155	2769	897	975	547
160	2628	1084	925	551
165	2467	1280	870	570
170	2289	1484	812	603
175	2098	1691	753	646
180	1897	1897	697	697

MAX (kg)	3088	1897	2054	2890
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(kg)