

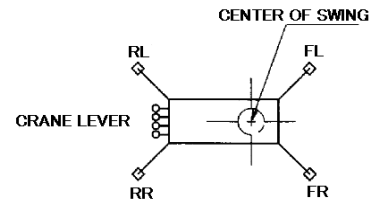
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm

LIFTING LOAD 1040 kg

STAGE 3

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	556	556	2138	2138
5	539	578	1977	2294
10	531	602	1814	2441
15	533	628	1652	2575
20	548	651	1496	2694
25	577	669	1348	2795
30	622	682	1210	2874
35	685	686	1086	2931
40	766	682	977	2963
45	864	669	885	2971
50	980	646	810	2953
55	1111	613	754	2910
60	1258	573	715	2843
65	1416	526	693	2753
70	1585	473	687	2643
75	1760	418	696	2515
80	1938	362	717	2371
85	2116	308	748	2216
90	2291	259	786	2053
95	2457	218	829	1884
100	2613	187	874	1714
105	2753	170	919	1547
110	2875	167	960	1386
115	2975	183	997	1233
120	3052	217	1026	1093
125	3103	272	1047	966
130	3127	348	1058	856
135	3123	445	1058	763
140	3090	562	1047	689
145	3030	698	1026	634
150	2943	853	995	597
155	2832	1022	955	579
160	2697	1205	909	577
165	2543	1397	858	591
170	2372	1595	804	617
175	2188	1795	751	654
180	1994	1994	700	700

MAX (kg)	3127	1994	2138	2971
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(kg)