

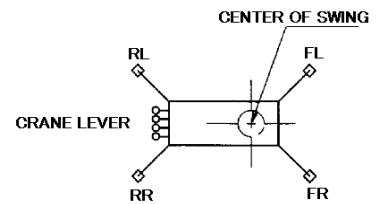
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 1090 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	584	584	2141	2141
5	572	601	1981	2296
10	569	621	1819	2442
15	576	641	1658	2576
20	595	659	1502	2694
25	629	673	1355	2794
30	679	681	1218	2873
35	747	680	1094	2930
40	832	671	986	2962
45	934	653	894	2970
50	1054	625	820	2952
55	1190	588	763	2909
60	1340	543	724	2843
65	1503	492	702	2754
70	1674	435	696	2645
75	1852	376	704	2518
80	2033	317	725	2375
85	2214	261	755	2221
90	2390	209	793	2059
95	2557	167	835	1892
100	2713	135	880	1723
105	2853	117	924	1557
110	2974	115	965	1397
115	3072	131	1002	1245
120	3147	168	1031	1105
125	3195	225	1051	980
130	3215	304	1062	870
135	3206	405	1062	777
140	3169	526	1052	704
145	3103	668	1031	648
150	3010	829	1001	612
155	2891	1005	962	593
160	2750	1194	916	591
165	2588	1393	866	604
170	2409	1599	813	629
175	2217	1808	760	666
180	2015	2015	710	710

MAX (kg)	3215	2015	2141	2970
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(kg)