

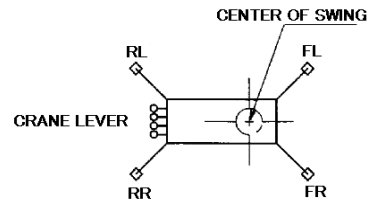
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 1110 kg

STAGE 2

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	573	573	2164	2164
5	560	592	1999	2325
10	555	614	1831	2476
15	561	636	1665	2614
20	579	656	1504	2736
25	613	671	1352	2840
30	664	680	1210	2922
35	732	680	1083	2980
40	819	671	971	3014
45	924	652	877	3022
50	1047	624	801	3004
55	1187	586	743	2960
60	1342	539	704	2891
65	1509	485	682	2799
70	1686	426	677	2686
75	1870	365	687	2554
80	2057	303	709	2407
85	2243	243	741	2248
90	2425	189	781	2080
95	2599	144	826	1907
100	2760	110	873	1733
105	2904	90	920	1561
110	3030	87	964	1396
115	3132	103	1002	1239
120	3209	139	1032	1095
125	3259	197	1054	965
130	3280	278	1065	853
135	3271	381	1066	758
140	3233	506	1055	682
145	3165	652	1033	626
150	3069	817	1001	589
155	2946	998	961	570
160	2800	1194	913	569
165	2633	1399	860	583
170	2448	1612	805	611
175	2249	1827	749	650
180	2041	2041	697	697

MAX (kg)	3280	2041	2164	3022
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(kg)