

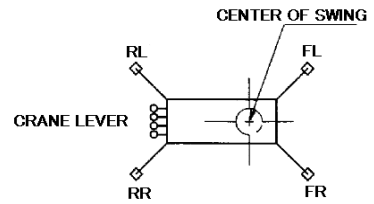
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm

LIFTING LOAD 1040 kg

STAGE 3

EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	595	595	2103	2103
5	585	610	1960	2241
10	582	629	1815	2371
15	589	648	1671	2489
20	606	665	1531	2594
25	637	680	1398	2682
30	681	690	1274	2752
35	740	695	1161	2801
40	815	692	1061	2830
45	904	682	975	2836
50	1009	665	904	2819
55	1127	641	849	2781
60	1257	610	809	2721
65	1398	574	784	2642
70	1547	534	772	2544
75	1702	492	773	2431
80	1859	450	785	2303
85	2016	410	806	2166
90	2169	374	833	2020
95	2316	346	865	1870
100	2452	327	899	1719
105	2575	318	934	1569
110	2683	324	966	1425
115	2772	343	994	1287
120	2841	380	1017	1160
125	2887	433	1032	1045
130	2910	504	1040	943
135	2908	592	1039	857
140	2883	698	1030	787
145	2833	819	1012	733
150	2760	956	986	695
155	2665	1105	954	673
160	2551	1264	916	665
165	2419	1431	875	671
170	2273	1603	832	689
175	2115	1777	790	716
180	1949	1949	750	750

MAX (kg)	2910	1949	2103	2836
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(kg)