

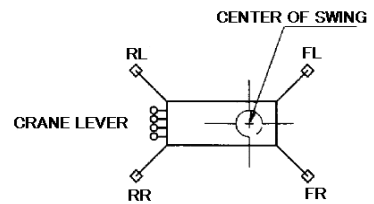
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3000 mm

LIFTING LOAD 2320 kg

STAGE 2

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	928	928	2566	2566
5	955	908	2423	2702
10	989	893	2277	2829
15	1033	880	2130	2945
20	1088	869	1985	3046
25	1154	858	1845	3131
30	1233	846	1711	3198
35	1325	832	1586	3245
40	1430	816	1471	3271
45	1547	796	1369	3276
50	1677	774	1279	3259
55	1817	748	1202	3221
60	1967	721	1138	3162
65	2124	693	1088	3083
70	2286	664	1050	2987
75	2451	638	1024	2875
80	2616	615	1009	2749
85	2778	597	1002	2612
90	2934	586	1002	2466
95	3081	584	1008	2316
100	3216	592	1018	2162
105	3336	613	1030	2008
110	3440	648	1042	1858
115	3524	699	1053	1712
120	3586	765	1062	1575
125	3626	847	1067	1447
130	3642	947	1068	1331
135	3633	1063	1065	1228
140	3599	1194	1056	1139
145	3542	1340	1043	1063
150	3461	1499	1026	1003
155	3358	1669	1005	956
160	3235	1847	983	923
165	3094	2032	960	903
170	2938	2219	938	894
175	2769	2407	918	894
180	2591	2591	903	903

MAX (kg)	3642	2591	2566	3276
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(kg)