

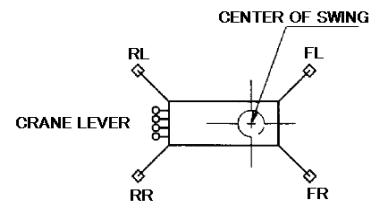
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm

LIFTING LOAD 1110 kg

STAGE 2

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	536	536	2202	2202
5	517	562	2028	2369
10	506	590	1853	2528
15	506	619	1679	2672
20	520	645	1511	2800
25	550	666	1351	2909
30	597	680	1204	2994
35	663	686	1071	3056
40	748	683	955	3091
45	852	668	856	3099
50	975	644	777	3079
55	1116	609	718	3033
60	1273	565	677	2961
65	1443	513	655	2864
70	1623	456	651	2746
75	1811	396	661	2608
80	2003	334	685	2453
85	2195	275	720	2286
90	2382	221	763	2110
95	2562	175	810	1929
100	2729	140	860	1747
105	2880	119	910	1567
110	3011	116	956	1394
115	3119	130	996	1230
120	3202	166	1028	1079
125	3257	223	1051	944
130	3283	303	1063	826
135	3279	406	1063	727
140	3244	531	1052	648
145	3180	677	1029	590
150	3087	842	995	552
155	2967	1023	952	534
160	2822	1219	901	533
165	2657	1425	845	549
170	2473	1638	786	579
175	2275	1853	727	621
180	2067	2067	671	671

MAX (kg)	3283	2067	2202	3099
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(kg)