

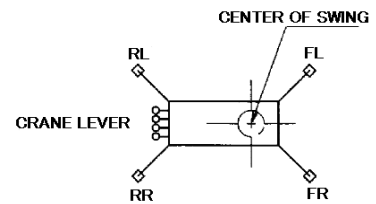
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3000 mm

LIFTING LOAD 2320 kg

STAGE 2

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	884	884	2610	2610
5	910	865	2448	2765
10	945	851	2283	2910
15	990	839	2117	3042
20	1047	829	1955	3158
25	1118	817	1798	3255
30	1204	803	1649	3332
35	1304	786	1512	3386
40	1421	764	1387	3417
45	1552	738	1276	3423
50	1697	707	1180	3404
55	1856	672	1100	3361
60	2026	633	1036	3294
65	2204	592	987	3206
70	2389	550	952	3096
75	2577	510	931	2969
80	2766	473	922	2827
85	2951	442	923	2672
90	3130	418	933	2507
95	3298	405	948	2337
100	3452	405	967	2164
105	3590	419	987	1992
110	3707	450	1008	1824
115	3801	499	1026	1662
120	3871	567	1041	1510
125	3913	656	1050	1369
130	3928	764	1054	1242
135	3913	893	1051	1131
140	3870	1041	1041	1036
145	3799	1207	1025	957
150	3700	1389	1003	896
155	3576	1585	977	851
160	3428	1792	947	821
165	3260	2007	915	806
170	3074	2226	884	804
175	2874	2447	855	813
180	2664	2664	830	830

MAX (kg)	3928	2664	2610	3423
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(kg)