

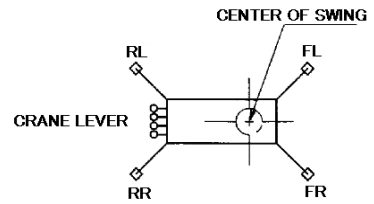
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 8000 mm

LIFTING LOAD 460 kg

STAGE 4

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	432	432	1899	1899
5	382	487	1726	2069
10	340	543	1551	2229
15	310	597	1380	2376
20	293	646	1216	2507
25	293	688	1063	2619
30	312	719	925	2707
35	351	738	803	2771
40	412	744	699	2808
45	494	735	617	2817
50	597	712	555	2799
55	721	675	515	2753
60	862	625	496	2680
65	1020	564	497	2583
70	1192	493	516	2463
75	1373	416	551	2324
80	1560	335	601	2168
85	1749	253	660	2001
90	1935	175	728	1825
95	2115	104	799	1645
100	2284	43	871	1465
105	2438	(5)	941	1289
110	2573	(36)	1006	1121
115	2685	(48)	1061	965
120	2772	(39)	1107	823
125	2832	(6)	1139	699
130	2862	50	1157	595
135	2861	131	1160	511
140	2830	235	1148	450
145	2769	363	1121	411
150	2678	512	1079	394
155	2561	679	1025	398
160	2419	862	961	421
165	2256	1058	889	460
170	2076	1262	811	514
175	1882	1470	731	580
180	1678	1678	653	653

MAX (kg)	2862	1678	1899	2817
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(kg)