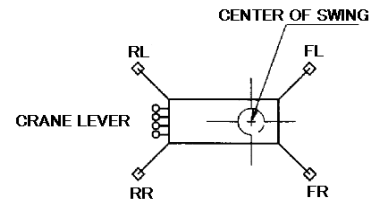


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm
 LIFTING LOAD 650 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	506	506	1944	1944
5	477	540	1787	2098
10	455	576	1628	2242
15	443	611	1471	2375
20	444	643	1321	2493
25	460	668	1179	2593
30	493	686	1049	2672
35	544	694	934	2729
40	613	691	835	2762
45	701	677	753	2770
50	807	651	690	2753
55	930	614	645	2712
60	1069	566	619	2646
65	1222	510	610	2558
70	1385	448	618	2450
75	1556	380	640	2324
80	1732	311	674	2184
85	1908	243	718	2032
90	2080	179	768	1873
95	2246	123	824	1709
100	2400	76	880	1544
105	2539	43	935	1383
110	2661	26	986	1229
115	2761	26	1030	1084
120	2837	47	1066	951
125	2887	89	1091	834
130	2909	153	1105	734
135	2903	239	1107	651
140	2869	347	1097	589
145	2806	475	1074	545
150	2717	623	1040	521
155	2603	788	995	515
160	2465	967	943	526
165	2308	1156	884	552
170	2135	1353	822	591
175	1949	1554	758	640
180	1754	1754	697	697

MAX (kg)	2909	1754	1944	2770
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(kg)