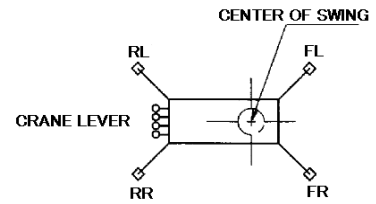


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 9000 mm
 LIFTING LOAD 310 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	400	400	1838	1838
5	332	472	1650	2022
10	273	544	1462	2197
15	226	614	1278	2358
20	195	676	1103	2501
25	183	728	941	2623
30	192	768	796	2720
35	224	792	669	2791
40	280	800	564	2832
45	361	789	483	2843
50	466	761	425	2823
55	595	715	392	2774
60	745	653	382	2695
65	914	577	395	2590
70	1099	489	428	2460
75	1295	392	480	2309
80	1499	290	546	2141
85	1706	186	623	1959
90	1911	86	709	1769
95	2109	(8)	799	1575
100	2296	(90)	888	1382
105	2465	(158)	975	1194
110	2614	(207)	1054	1015
115	2738	(234)	1122	850
120	2833	(237)	1178	701
125	2898	(213)	1218	573
130	2929	(162)	1241	467
135	2927	(83)	1246	385
140	2891	24	1232	328
145	2821	158	1201	296
150	2718	317	1153	288
155	2586	497	1089	304
160	2426	697	1013	340
165	2243	911	926	395
170	2041	1136	833	466
175	1824	1367	736	549
180	1598	1598	640	640

MAX (kg)	2929	1598	1838	2843
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(k g)