

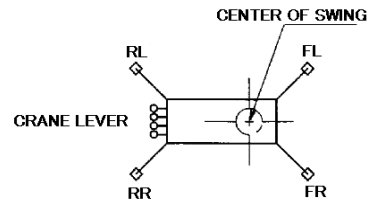
# MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 2500 mm

LIFTING LOAD 2900 kg

STAGE 2

EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



$\theta$	FR	FL	RL	RR
0	1176	1176	2687	2687
5	1214	1144	2568	2799
10	1259	1118	2446	2903
15	1312	1095	2322	2997
20	1374	1074	2199	3079
25	1444	1056	2078	3147
30	1525	1040	1961	3201
35	1615	1024	1850	3238
40	1714	1008	1745	3258
45	1823	992	1650	3261
50	1941	976	1563	3246
55	2066	960	1486	3214
60	2197	946	1418	3165
65	2332	932	1361	3100
70	2471	921	1313	3021
75	2610	913	1275	2928
80	2748	909	1244	2824
85	2883	911	1222	2711
90	3012	919	1205	2589
95	3133	936	1194	2463
100	3244	961	1187	2334
105	3343	997	1182	2203
110	3427	1044	1180	2074
115	3496	1102	1179	1949
120	3547	1173	1177	1828
125	3580	1256	1175	1714
130	3594	1352	1171	1609
135	3588	1460	1166	1512
140	3562	1578	1159	1426
145	3517	1707	1151	1350
150	3453	1845	1141	1286
155	3372	1990	1132	1232
160	3274	2141	1122	1189
165	3161	2295	1114	1156
170	3036	2450	1108	1132
175	2900	2604	1106	1116
180	2755	2755	1108	1108

<b>MAX (kg)</b>	<b>3594</b>	<b>2755</b>	<b>2687</b>	<b>3261</b>
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(kg)