

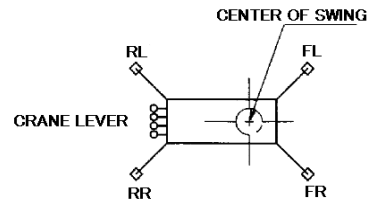
# MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3500 mm

LIFTING LOAD 1770 kg

STAGE 2

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



$\theta$	FR	FL	RL	RR
0	736	736	2415	2415
5	746	732	2252	2571
10	765	731	2086	2718
15	795	733	1921	2852
20	837	734	1759	2970
25	893	733	1605	3070
30	965	728	1460	3148
35	1053	718	1326	3204
40	1157	701	1207	3236
45	1278	678	1103	3243
50	1414	648	1015	3224
55	1565	611	944	3181
60	1728	570	890	3114
65	1902	524	852	3024
70	2083	476	829	2913
75	2269	427	820	2785
80	2456	380	823	2641
85	2641	338	836	2485
90	2821	303	857	2320
95	2990	277	884	2149
100	3147	264	914	1976
105	3287	265	945	1804
110	3407	282	974	1638
115	3504	318	1000	1479
120	3576	374	1021	1330
125	3622	450	1035	1194
130	3639	547	1042	1073
135	3626	666	1040	968
140	3585	804	1030	881
145	3515	962	1012	812
150	3418	1137	986	760
155	3295	1327	954	725
160	3148	1528	917	707
165	2981	1739	877	703
170	2796	1955	837	713
175	2597	2173	798	733
180	2388	2388	762	762

<b>MAX (kg)</b>	<b>3639</b>	<b>2388</b>	<b>2415</b>	<b>3243</b>
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(kg)