

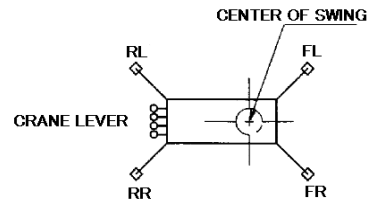
# MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 10000 mm

LIFTING LOAD 260 kg

STAGE 5

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



$\theta$	FR	FL	RL	RR
0	384	384	1823	1823
5	308	464	1628	2014
10	241	545	1432	2195
15	186	621	1242	2363
20	148	691	1062	2512
25	130	749	895	2639
30	133	793	745	2741
35	161	821	616	2814
40	215	831	510	2857
45	295	821	428	2869
50	400	792	371	2849
55	531	745	340	2798
60	684	679	334	2716
65	857	598	352	2606
70	1047	504	391	2471
75	1249	401	448	2315
80	1460	292	522	2140
85	1675	180	607	1952
90	1887	72	700	1754
95	2093	(30)	797	1553
100	2286	(121)	895	1353
105	2463	(196)	988	1158
110	2618	(252)	1073	974
115	2747	(285)	1147	804
120	2847	(293)	1207	652
125	2915	(273)	1250	521
130	2949	(224)	1275	413
135	2948	(146)	1281	331
140	2911	(39)	1267	275
145	2839	96	1233	245
150	2733	258	1182	241
155	2596	442	1114	261
160	2431	647	1032	303
165	2242	867	939	364
170	2033	1099	839	442
175	1809	1337	735	532
180	1575	1575	631	631

<b>MAX (kg)</b>	<b>2949</b>	<b>1575</b>	<b>1823</b>	<b>2869</b>
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(k g)