

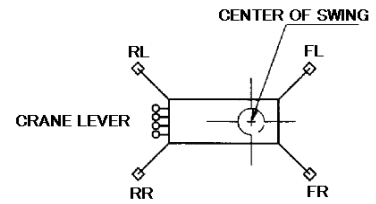
# MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 10000 mm

LIFTING LOAD 260 kg

STAGE 5

EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



$\theta$	FR	FL	RL	RR
0	457	457	1753	1753
5	410	508	1605	1898
10	370	560	1455	2035
15	340	610	1309	2161
20	322	656	1170	2273
25	317	695	1040	2369
30	329	725	922	2444
35	359	745	818	2499
40	406	753	731	2531
45	472	749	661	2539
50	556	732	609	2523
55	658	703	577	2483
60	775	663	562	2421
65	907	612	564	2337
70	1050	554	582	2235
75	1201	489	614	2116
80	1358	421	658	1983
85	1518	353	711	1839
90	1675	286	770	1689
95	1828	225	833	1535
100	1971	173	896	1381
105	2102	131	957	1231
110	2217	103	1013	1087
115	2314	91	1062	954
120	2389	96	1102	834
125	2442	121	1130	728
130	2469	166	1146	640
135	2472	231	1148	570
140	2448	316	1138	519
145	2400	420	1114	487
150	2327	542	1078	474
155	2231	680	1031	478
160	2115	831	975	500
165	1981	992	912	535
170	1832	1161	844	583
175	1672	1333	774	641
180	1505	1505	706	706

<b>MAX (kg)</b>	<b>2472</b>	<b>1505</b>	<b>1753</b>	<b>2539</b>
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( k g )