

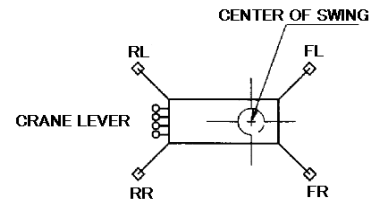
# MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm

LIFTING LOAD 720 kg

STAGE 4

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



$\theta$	FR	FL	RL	RR
0	526	526	1968	1968
5	502	554	1818	2113
10	486	585	1667	2250
15	479	616	1518	2375
20	484	643	1374	2486
25	503	666	1238	2580
30	538	682	1113	2655
35	589	690	1001	2708
40	656	689	904	2739
45	741	678	822	2746
50	843	657	758	2730
55	960	627	711	2690
60	1092	588	681	2627
65	1236	541	667	2544
70	1389	489	669	2442
75	1550	433	683	2322
80	1714	375	710	2189
85	1879	319	745	2045
90	2040	267	787	1893
95	2195	222	834	1737
100	2340	186	882	1580
105	2470	162	929	1426
110	2584	153	973	1278
115	2679	159	1011	1139
120	2751	184	1042	1011
125	2800	228	1064	897
130	2823	292	1075	798
135	2820	375	1076	716
140	2791	478	1066	652
145	2736	600	1045	607
150	2656	739	1015	579
155	2554	892	975	568
160	2430	1058	928	572
165	2287	1233	876	592
170	2130	1414	821	623
175	1960	1599	766	664
180	1782	1782	712	712

<b>MAX (kg)</b>	<b>2823</b>	<b>1782</b>	<b>1968</b>	<b>2746</b>
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(kg)