

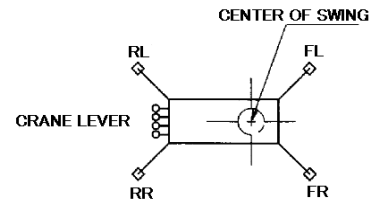
# MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 745 kg

STAGE 5

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



$\theta$	FR	FL	RL	RR
0	664	664	1846	1846
5	663	668	1741	1948
10	669	674	1634	2043
15	681	681	1528	2130
20	701	687	1425	2207
25	731	691	1326	2272
30	771	691	1235	2323
35	821	688	1151	2360
40	883	679	1077	2380
45	956	666	1013	2385
50	1040	647	960	2373
55	1133	623	918	2345
60	1235	595	888	2302
65	1345	563	868	2244
70	1460	529	858	2172
75	1578	494	858	2089
80	1698	460	865	1996
85	1817	428	879	1895
90	1933	400	898	1788
95	2042	378	921	1678
100	2144	364	945	1567
105	2235	358	969	1457
110	2313	364	992	1351
115	2377	381	1012	1250
120	2425	411	1028	1156
125	2455	455	1039	1070
130	2467	512	1045	995
135	2460	584	1044	931
140	2435	669	1038	878
145	2391	766	1025	838
150	2329	875	1007	809
155	2250	995	984	791
160	2156	1122	957	784
165	2049	1256	928	787
170	1930	1393	898	798
175	1803	1532	868	817
180	1669	1669	840	840

<b>MAX (kg)</b>	<b>2467</b>	<b>1669</b>	<b>1846</b>	<b>2385</b>
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(kg)