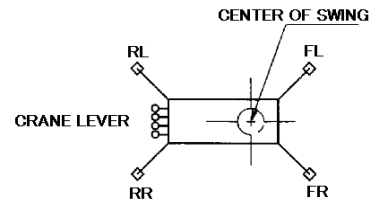


# MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS                    4000 mm  
 LIFTING LOAD                        720 kg  
 STAGE                                    4  
 EXTENDED OUTRIGGERS            MAX



$\theta$	FR	FL	RL	RR
0	282	282	1147	1147
5	268	300	1032	1258
10	258	320	916	1364
15	255	340	801	1462
20	259	359	691	1548
25	273	375	587	1622
30	296	388	492	1682
35	330	396	406	1726
40	374	400	332	1752
45	429	397	270	1761
50	494	389	221	1753
55	570	376	186	1726
60	654	357	163	1683
65	746	335	153	1624
70	844	309	155	1550
75	946	281	167	1464
80	1051	252	188	1367
85	1157	224	216	1261
90	1260	198	250	1150
95	1359	177	287	1035
100	1452	161	325	919
105	1537	152	363	805
110	1612	152	399	695
115	1675	162	430	591
120	1724	182	457	496
125	1758	213	476	410
130	1777	256	489	336
135	1780	310	493	274
140	1767	376	489	225
145	1738	453	477	190
150	1693	539	458	167
155	1634	635	432	157
160	1562	737	401	159
165	1478	844	365	171
170	1385	954	328	191
175	1283	1066	289	219
180	1176	1176	253	253

<b>MAX (kg)</b>	<b>1780</b>	<b>1176</b>	<b>1147</b>	<b>1761</b>
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( k g )