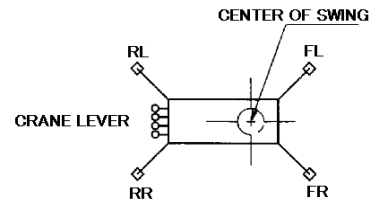


# MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm  
 LIFTING LOAD 260 kg  
 STAGE 5  
 EXTENDED OUTRIGGERS MIN



$\theta$	FR	FL	RL	RR
0	271	271	862	862
5	233	311	729	992
10	200	351	598	1116
15	175	390	470	1232
20	158	424	350	1335
25	152	451	239	1423
30	158	471	142	1495
35	178	482	59	1547
40	211	483	(8)	1580
45	260	473	(58)	1591
50	322	453	(89)	1580
55	398	422	(103)	1549
60	487	382	(99)	1497
65	586	333	(79)	1426
70	694	277	(43)	1338
75	809	217	5	1235
80	929	153	64	1120
85	1049	89	131	997
90	1169	26	204	867
95	1284	(32)	279	735
100	1391	(83)	354	603
105	1489	(125)	426	476
110	1574	(156)	491	356
115	1644	(173)	549	246
120	1698	(176)	596	148
125	1733	(163)	631	65
130	1748	(133)	653	(1)
135	1743	(86)	660	(51)
140	1718	(22)	653	(83)
145	1672	57	632	(96)
150	1608	152	598	(92)
155	1526	261	551	(72)
160	1428	381	494	(37)
165	1316	510	429	11
170	1193	645	358	70
175	1061	784	284	137
180	924	924	209	209

<b>MAX (kg)</b>	<b>1748</b>	<b>924</b>	<b>862</b>	<b>1591</b>
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(k g)