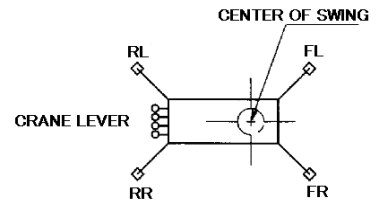


# MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3000 mm  
 LIFTING LOAD 500 kg  
 STAGE 2  
 EXTENDED OUTRIGGERS MIN



$\theta$	FR	FL	RL	RR
0	313	313	970	970
5	295	334	846	1092
10	281	355	722	1207
15	275	376	601	1314
20	276	395	485	1410
25	287	409	378	1491
30	309	417	282	1557
35	343	419	198	1606
40	389	413	128	1635
45	447	400	73	1646
50	518	378	34	1636
55	599	349	10	1607
60	691	313	2	1559
65	792	272	9	1494
70	899	225	29	1413
75	1012	176	60	1318
80	1127	125	102	1212
85	1242	75	151	1097
90	1355	29	206	976
95	1463	(13)	264	852
100	1563	(48)	322	728
105	1653	(73)	378	608
110	1731	(88)	430	493
115	1794	(90)	476	386
120	1841	(78)	513	290
125	1871	(52)	542	206
130	1882	(11)	559	136
135	1874	46	565	81
140	1847	118	560	42
145	1801	204	543	18
150	1737	303	516	10
155	1657	414	479	16
160	1561	535	434	36
165	1452	664	382	67
170	1333	798	327	109
175	1205	934	269	158
180	1071	1071	212	212

<b>MAX (kg)</b>	<b>1882</b>	<b>1071</b>	<b>970</b>	<b>1646</b>
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( k g )