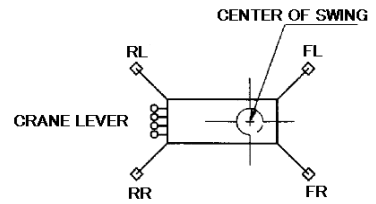


# MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 2500 mm  
 LIFTING LOAD 1550 kg  
 STAGE 2  
 EXTENDED OUTRIGGERS MAX



$\theta$	FR	FL	RL	RR
0	450	450	1489	1489
5	458	447	1375	1599
10	471	446	1259	1702
15	491	448	1143	1797
20	519	450	1029	1881
25	554	452	920	1952
30	598	454	817	2009
35	652	454	722	2051
40	715	451	636	2077
45	786	446	560	2085
50	867	439	495	2077
55	955	429	442	2052
60	1050	418	400	2011
65	1151	405	369	1954
70	1256	391	348	1883
75	1364	378	337	1800
80	1472	366	334	1706
85	1580	357	339	1603
90	1684	351	350	1493
95	1783	351	365	1380
100	1876	357	382	1264
105	1959	370	401	1148
110	2032	392	420	1035
115	2092	423	438	926
120	2139	463	453	823
125	2172	514	464	728
130	2190	575	471	642
135	2191	646	474	566
140	2177	727	472	502
145	2148	817	465	448
150	2103	915	454	406
155	2044	1019	440	375
160	1972	1129	423	354
165	1889	1243	405	342
170	1795	1358	386	340
175	1693	1473	369	344
180	1585	1585	354	354

<b>MAX (kg)</b>	<b>2191</b>	<b>1585</b>	<b>1489</b>	<b>2085</b>
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(kg)