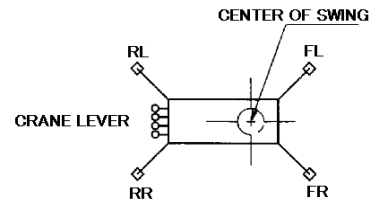


# MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3705 mm  
 LIFTING LOAD 330 kg  
 STAGE 2  
 EXTENDED OUTRIGGERS MIN



$\theta$	FR	FL	RL	RR
0	283	283	893	893
5	253	316	766	1018
10	228	349	639	1137
15	210	380	516	1247
20	200	408	399	1346
25	200	430	292	1431
30	212	446	196	1499
35	237	453	114	1549
40	274	451	47	1580
45	325	441	(3)	1591
50	390	420	(37)	1581
55	466	390	(54)	1550
60	555	352	(55)	1501
65	653	307	(40)	1433
70	759	255	(10)	1349
75	871	200	31	1251
80	987	142	83	1141
85	1104	84	143	1023
90	1219	28	208	898
95	1329	(23)	275	772
100	1433	(67)	343	645
105	1526	(102)	408	522
110	1607	(127)	467	406
115	1673	(138)	519	299
120	1724	(136)	562	203
125	1756	(118)	594	122
130	1770	(85)	614	55
135	1764	(35)	621	4
140	1738	31	614	(30)
145	1693	111	595	(47)
150	1630	206	564	(48)
155	1550	314	522	(33)
160	1455	432	470	(4)
165	1346	559	411	37
170	1226	692	347	89
175	1098	828	280	148
180	964	964	213	213

<b>MAX (kg)</b>	<b>1770</b>	<b>964</b>	<b>893</b>	<b>1591</b>
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(k g)