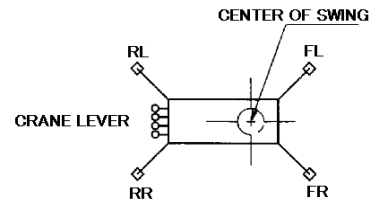


# MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6500 mm  
 LIFTING LOAD 130 kg  
 STAGE 4  
 EXTENDED OUTRIGGERS MIN



$\theta$	FR	FL	RL	RR
0	247	247	805	805
5	185	311	651	957
10	129	374	498	1102
15	81	434	352	1237
20	43	487	215	1359
25	19	532	90	1463
30	9	566	(19)	1547
35	16	587	(109)	1609
40	41	595	(179)	1647
45	83	588	(228)	1660
50	144	567	(255)	1647
55	221	531	(259)	1610
60	315	483	(243)	1549
65	423	422	(206)	1465
70	542	351	(152)	1361
75	671	273	(81)	1240
80	806	189	2	1106
85	945	104	94	961
90	1082	19	192	809
95	1216	(61)	293	656
100	1342	(135)	393	504
105	1457	(198)	487	357
110	1558	(249)	574	220
115	1642	(284)	649	96
120	1707	(302)	710	(12)
125	1751	(301)	756	(103)
130	1772	(280)	784	(173)
135	1770	(239)	794	(222)
140	1744	(177)	785	(248)
145	1695	(96)	757	(253)
150	1624	4	712	(237)
155	1532	120	651	(200)
160	1422	251	576	(146)
165	1296	393	490	(76)
170	1157	543	396	7
175	1009	698	297	99
180	855	855	197	197

<b>MAX (kg)</b>	<b>1772</b>	<b>855</b>	<b>805</b>	<b>1660</b>
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(k g)