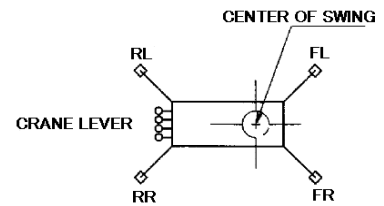


# MC-104C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5100 mm  
 LIFTING LOAD 185 kg  
 STAGE 4  
 EXTENDED OUTRIGGERS MAX



$\theta$	FR	FL	RL	RR
0	118	118	566	566
5	97	140	491	640
10	79	163	416	710
15	66	186	342	775
20	57	206	272	833
25	55	224	208	882
30	60	238	150	922
35	72	247	99	951
40	92	252	57	968
45	119	251	24	974
50	155	245	1	967
55	198	234	(12)	949
60	248	217	(16)	919
65	304	197	(11)	879
70	366	173	2	828
75	430	146	23	770
80	498	118	49	704
85	566	89	80	633
90	634	62	114	559
95	699	36	150	483
100	761	14	186	407
105	817	(3)	221	333
110	867	(15)	253	263
115	909	(19)	281	198
120	942	(17)	304	139
125	966	(6)	321	89
130	978	13	331	47
135	980	40	334	14
140	971	76	330	(9)
145	952	120	319	(22)
150	922	172	301	(26)
155	882	230	278	(21)
160	834	294	249	(7)
165	778	362	216	13
170	715	433	180	40
175	648	505	143	72
180	578	578	107	107

<b>MAX (kg)</b>	<b>980</b>	<b>578</b>	<b>566</b>	<b>974</b>
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(k g)