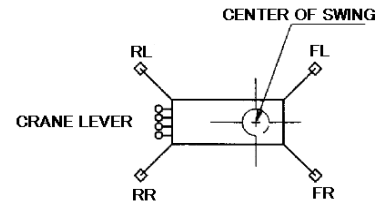


# MC-104C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3500 mm  
 LIFTING LOAD 125 kg  
 STAGE 3  
 EXTENDED OUTRIGGERS MIN



$\theta$	FR	FL	RL	RR
0	179	179	468	468
5	167	192	411	524
10	158	205	353	578
15	151	218	298	627
20	149	229	245	671
25	151	238	196	709
30	159	244	152	739
35	172	247	114	761
40	190	246	83	774
45	215	240	60	778
50	246	231	43	773
55	282	218	34	759
60	324	202	33	736
65	369	182	38	705
70	418	160	50	666
75	470	136	67	621
80	524	111	88	570
85	577	87	114	516
90	630	63	141	459
95	680	42	170	401
100	727	24	199	343
105	770	10	227	287
110	807	1	252	234
115	837	(2)	275	184
120	860	1	293	140
125	875	11	306	102
130	881	28	314	71
135	878	52	316	47
140	867	84	313	31
145	846	122	304	22
150	818	166	289	21
155	781	216	270	26
160	738	271	247	38
165	688	329	221	56
170	634	390	192	78
175	575	452	162	104
180	514	514	133	133

<b>MAX (kg)</b>	<b>881</b>	<b>514</b>	<b>468</b>	<b>778</b>
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(k g)