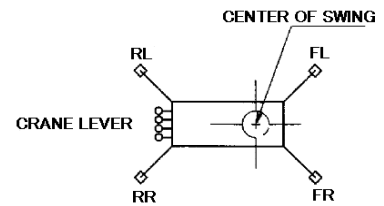


MC-104C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4000 mm
 LIFTING LOAD 85 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	166	166	456	456
5	149	184	394	517
10	134	202	332	576
15	123	219	271	630
20	116	235	215	678
25	115	247	162	719
30	119	257	116	752
35	129	262	76	777
40	146	262	44	791
45	170	257	20	796
50	201	248	5	790
55	237	234	(2)	775
60	280	215	(1)	749
65	328	193	8	715
70	380	167	24	673
75	435	140	46	624
80	492	111	73	569
85	550	81	103	509
90	606	53	137	448
95	661	27	171	384
100	713	4	206	322
105	759	(15)	239	261
110	800	(28)	269	203
115	833	(35)	295	151
120	859	(35)	316	104
125	875	(28)	332	64
130	883	(13)	341	32
135	881	11	344	8
140	869	42	340	(7)
145	848	80	330	(14)
150	817	126	313	(13)
155	779	178	291	(4)
160	732	235	264	13
165	679	297	233	35
170	621	361	199	63
175	559	427	164	94
180	494	494	128	128

MAX (kg)	883	494	456	796
-----------------	------------	------------	------------	------------

(k g)