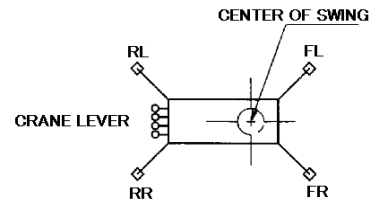


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm
 LIFTING LOAD 510 kg
 STAGE 3
 EXTENDED OUTRIGGERS MAX



θ	FR	FL	RL	RR
0	234	234	1063	1063
5	206	264	939	1184
10	184	295	814	1300
15	169	327	692	1406
20	162	355	575	1501
25	166	380	466	1582
30	180	400	367	1647
35	205	414	279	1695
40	244	420	205	1724
45	294	419	146	1734
50	357	411	101	1725
55	432	395	72	1696
60	517	371	57	1648
65	611	342	57	1583
70	713	308	70	1502
75	820	271	95	1408
80	931	231	129	1302
85	1043	192	171	1187
90	1154	155	219	1066
95	1261	121	269	942
100	1362	93	321	817
105	1454	73	371	695
110	1536	61	418	579
115	1604	61	459	469
120	1658	72	493	370
125	1696	96	519	283
130	1718	132	534	209
135	1722	183	540	150
140	1708	246	535	105
145	1677	322	519	76
150	1629	409	494	61
155	1566	506	461	61
160	1488	612	420	74
165	1398	724	373	98
170	1298	840	323	132
175	1190	958	272	174
180	1075	1075	221	221

MAX (kg)	1722	1075	1063	1734
-----------------	-------------	-------------	-------------	-------------

(k g)