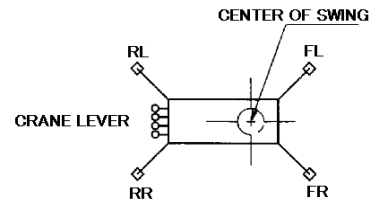


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 2000 mm
 LIFTING LOAD 1050 kg
 STAGE 2
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	439	439	1187	1187
5	446	436	1065	1306
10	458	435	942	1418
15	477	434	820	1522
20	503	433	703	1614
25	538	430	593	1693
30	583	424	491	1756
35	638	413	400	1802
40	704	398	320	1831
45	780	379	254	1841
50	866	354	202	1832
55	961	325	163	1804
60	1064	293	139	1759
65	1173	257	127	1696
70	1288	219	128	1618
75	1405	182	140	1527
80	1523	145	161	1424
85	1640	111	190	1313
90	1752	82	225	1195
95	1858	59	263	1073
100	1956	44	304	950
105	2042	39	343	829
110	2116	45	381	712
115	2175	63	414	602
120	2217	94	441	501
125	2242	140	462	409
130	2248	200	475	330
135	2235	274	480	264
140	2204	362	476	212
145	2154	462	464	173
150	2086	575	444	148
155	2002	698	417	137
160	1902	829	385	137
165	1789	967	348	149
170	1666	1109	309	169
175	1533	1252	270	198
180	1394	1394	232	232

MAX (kg)	2248	1394	1187	1841
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(k g)