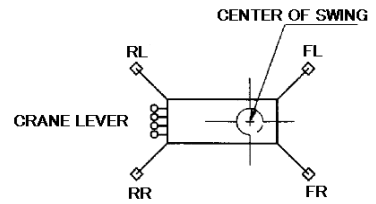


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3705 mm
 LIFTING LOAD 900 kg
 STAGE 2
 EXTENDED OUTRIGGERS MAX



θ	FR	FL	RL	RR
0	270	270	1263	1263
5	255	288	1134	1388
10	247	309	1004	1507
15	245	330	875	1616
20	252	349	751	1713
25	269	367	634	1796
30	297	381	526	1863
35	336	390	428	1912
40	388	393	344	1941
45	451	390	273	1952
50	526	382	217	1942
55	611	367	175	1913
60	707	348	147	1864
65	811	323	134	1798
70	921	296	133	1716
75	1037	266	144	1619
80	1155	236	165	1510
85	1273	206	194	1392
90	1389	180	229	1267
95	1501	158	269	1138
100	1605	143	310	1008
105	1701	135	350	880
110	1784	137	388	756
115	1855	150	422	639
120	1910	174	451	531
125	1949	211	472	434
130	1970	261	485	350
135	1973	324	490	279
140	1959	399	486	222
145	1926	486	473	180
150	1877	584	452	153
155	1811	691	424	139
160	1731	806	391	138
165	1637	927	353	149
170	1532	1051	313	170
175	1419	1176	272	199
180	1299	1299	234	234

MAX (kg)	1973	1299	1263	1952
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(k g)