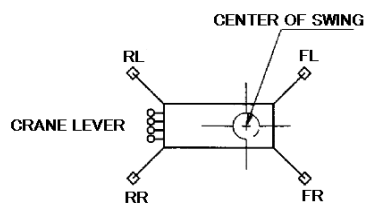


MC-285C

OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 1500 mm
 LIFTING LOAD 1700 kg
 STAGE 2
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	628	628	1405	1405
5	655	605	1284	1522
10	687	586	1161	1632
15	725	568	1039	1733
20	771	552	920	1823
25	826	534	806	1900
30	889	516	699	1961
35	961	496	602	2006
40	1043	474	515	2034
45	1133	449	440	2044
50	1232	423	377	2035
55	1338	394	326	2008
60	1450	363	288	1964
65	1567	333	262	1904
70	1688	302	248	1828
75	1809	273	244	1739
80	1930	247	250	1639
85	2048	226	263	1530
90	2161	210	282	1413
95	2266	202	305	1293
100	2362	203	331	1171
105	2446	214	357	1049
110	2516	236	383	930
115	2571	271	407	817
120	2610	319	426	711
125	2631	380	442	614
130	2633	454	451	527
135	2617	542	455	452
140	2582	643	452	389
145	2528	756	444	338
150	2457	880	430	300
155	2369	1012	411	274
160	2266	1152	388	259
165	2150	1298	363	255
170	2023	1446	337	259
175	1886	1596	312	272
180	1743	1743	290	290

MAX (kg)	2633	1743	1405	2044
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(k g)