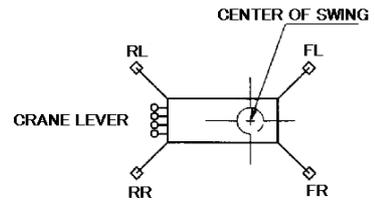


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm
 LIFTING LOAD 920 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	634	634	1985	1985
5	630	643	1856	2109
10	633	654	1725	2226
15	644	666	1595	2333
20	665	676	1469	2428
25	698	684	1349	2508
30	743	687	1238	2571
35	802	684	1136	2616
40	875	675	1047	2642
45	961	659	970	2648
50	1061	636	908	2633
55	1173	607	859	2599
60	1297	572	824	2546
65	1429	532	803	2474
70	1569	489	794	2387
75	1714	444	796	2285
80	1860	400	808	2170
85	2006	358	828	2046
90	2147	321	855	1916
95	2282	290	885	1781
100	2407	269	917	1645
105	2519	259	949	1511
110	2615	263	979	1381
115	2694	280	1006	1258
120	2753	314	1027	1143
125	2791	365	1042	1040
130	2806	432	1050	950
135	2799	517	1050	873
140	2768	619	1041	810
145	2714	736	1025	763
150	2638	868	1002	730
155	2542	1012	973	711
160	2428	1167	938	705
165	2297	1329	900	712
170	2152	1497	861	728
175	1997	1666	822	754
180	1834	1834	786	786

MAX (kg)	2806	1834	1985	2648
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(kg)