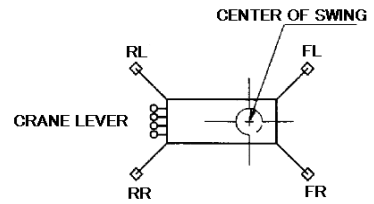


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 9990 mm
 LIFTING LOAD 270 kg
 STAGE 4
 EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	361	361	1852	1852
5	276	450	1643	2056
10	201	539	1435	2251
15	140	624	1231	2430
20	96	701	1039	2590
25	73	766	861	2727
30	74	815	702	2835
35	101	846	565	2914
40	155	857	453	2960
45	238	848	367	2973
50	349	817	308	2952
55	486	766	277	2897
60	649	695	272	2809
65	832	608	293	2692
70	1034	506	338	2548
75	1250	394	402	2380
80	1475	275	483	2193
85	1704	154	576	1991
90	1932	35	679	1781
95	2152	(77)	785	1565
100	2359	(176)	892	1352
105	2548	(260)	993	1144
110	2714	(322)	1086	947
115	2853	(361)	1167	766
120	2961	(372)	1233	604
125	3034	(353)	1280	465
130	3071	(304)	1307	352
135	3070	(223)	1314	265
140	3030	(110)	1299	207
145	2954	32	1262	177
150	2841	203	1206	175
155	2695	399	1133	198
160	2520	617	1044	246
165	2318	851	943	314
170	2095	1098	833	400
175	1855	1351	720	499
180	1606	1606	607	607

MAX (kg)	3071	1606	1852	2973
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(kg)