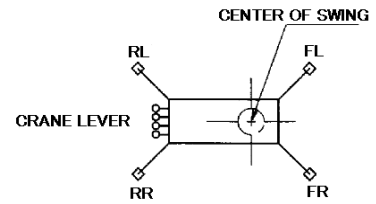


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 9990 mm
 LIFTING LOAD 385 kg
 STAGE 4
 EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	365	365	1924	1924
5	293	441	1724	2119
10	230	519	1523	2304
15	181	594	1327	2475
20	147	662	1141	2627
25	133	720	967	2756
30	141	766	811	2859
35	173	796	675	2933
40	230	810	561	2976
45	312	805	472	2988
50	420	783	408	2966
55	552	743	369	2913
60	705	687	356	2829
65	879	616	366	2717
70	1069	533	397	2578
75	1271	441	448	2417
80	1481	344	514	2238
85	1694	245	593	2045
90	1906	149	680	1842
95	2111	59	771	1635
100	2305	(20)	863	1429
105	2482	(84)	951	1228
110	2638	(130)	1032	1036
115	2769	(154)	1103	859
120	2872	(154)	1160	700
125	2943	(128)	1200	561
130	2981	(75)	1224	446
135	2985	7	1228	357
140	2955	115	1214	293
145	2890	251	1180	256
150	2793	410	1130	244
155	2664	592	1063	257
160	2509	792	984	293
165	2329	1006	894	348
170	2130	1231	797	420
175	1915	1460	697	504
180	1690	1690	598	598

MAX (kg)	2985	1690	1924	2988
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(k g)