

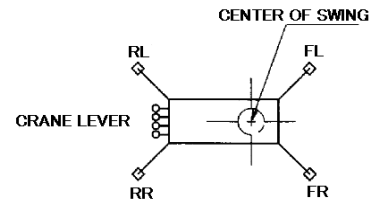
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3500 mm

LIFTING LOAD 1930 kg

STAGE 2

EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	821	821	2434	2434
5	838	811	2296	2566
10	861	805	2155	2690
15	894	802	2013	2802
20	937	800	1873	2901
25	992	797	1738	2983
30	1060	793	1610	3048
35	1140	786	1491	3094
40	1233	776	1383	3120
45	1339	762	1286	3124
50	1457	744	1202	3108
55	1587	723	1131	3071
60	1726	700	1073	3013
65	1872	674	1028	2937
70	2025	647	996	2843
75	2181	622	975	2734
80	2337	599	964	2612
85	2492	580	961	2479
90	2641	567	966	2338
95	2783	561	976	2192
100	2913	566	989	2043
105	3031	582	1004	1895
110	3132	611	1019	1750
115	3215	653	1032	1611
120	3279	711	1042	1479
125	3320	785	1049	1357
130	3340	874	1051	1247
135	3335	979	1048	1150
140	3308	1098	1039	1066
145	3258	1232	1025	997
150	3185	1377	1007	941
155	3092	1534	985	900
160	2980	1698	961	872
165	2850	1869	936	857
170	2707	2042	911	852
175	2551	2216	888	857
180	2386	2386	870	870

MAX (kg)	3340	2386	2434	3124
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(kg)