

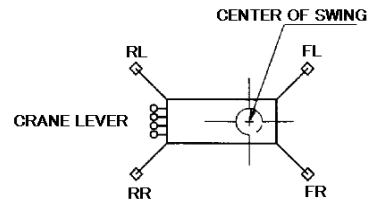
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 920 kg

STAGE 4

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	669	669	1950	1950
5	670	673	1837	2059
10	676	680	1722	2161
15	689	688	1607	2254
20	711	695	1496	2336
25	744	700	1389	2405
30	787	702	1289	2460
35	841	700	1198	2499
40	907	694	1116	2521
45	985	682	1046	2526
50	1074	665	987	2513
55	1173	643	939	2483
60	1281	618	904	2436
65	1397	588	880	2373
70	1519	557	866	2296
75	1645	524	863	2207
80	1772	493	867	2106
85	1898	463	879	1998
90	2021	438	896	1883
95	2137	419	917	1764
100	2245	408	940	1644
105	2343	406	964	1525
110	2427	415	986	1410
115	2496	437	1005	1300
120	2548	471	1021	1198
125	2582	519	1032	1105
130	2597	582	1037	1022
135	2593	658	1036	951
140	2569	748	1029	892
145	2526	851	1015	846
150	2464	966	997	812
155	2384	1090	973	791
160	2289	1223	946	780
165	2179	1362	916	781
170	2058	1504	886	790
175	1927	1648	856	807
180	1790	1790	829	829

MAX (kg)	2597	1790	1950	2526
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(k g)