

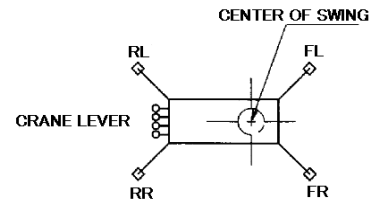
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm

LIFTING LOAD 920 kg

STAGE 2

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	524	524	2095	2095
5	500	553	1925	2261
10	485	584	1753	2416
15	481	615	1583	2559
20	490	643	1419	2686
25	515	665	1265	2793
30	558	679	1122	2878
35	620	684	995	2939
40	701	678	884	2974
45	802	661	792	2983
50	922	632	719	2964
55	1060	593	666	2919
60	1214	543	632	2848
65	1382	485	617	2754
70	1562	421	619	2637
75	1748	352	636	2502
80	1939	282	667	2350
85	2130	215	708	2186
90	2316	152	757	2014
95	2495	97	810	1836
100	2661	54	865	1658
105	2811	25	919	1483
110	2940	13	970	1315
115	3047	21	1014	1156
120	3128	50	1049	1011
125	3181	102	1074	881
130	3204	177	1088	769
135	3196	276	1089	677
140	3158	398	1078	604
145	3089	542	1054	552
150	2992	706	1019	521
155	2867	888	974	509
160	2718	1085	921	514
165	2548	1293	862	536
170	2359	1508	799	572
175	2157	1727	736	619
180	1944	1944	675	675

MAX (kg)	3204	1944	2095	2983
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(kg)