

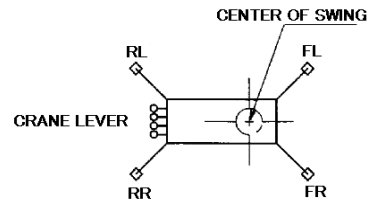
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 2500 mm

LIFTING LOAD 2900 kg

STAGE 2

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	1140	1140	2716	2716
5	1180	1107	2585	2841
10	1227	1079	2449	2958
15	1283	1055	2312	3063
20	1349	1033	2176	3155
25	1425	1013	2043	3232
30	1512	993	1915	3292
35	1611	974	1794	3334
40	1720	954	1682	3358
45	1840	933	1580	3361
50	1969	911	1488	3345
55	2108	889	1407	3310
60	2253	867	1338	3256
65	2404	845	1280	3184
70	2559	826	1233	3095
75	2715	810	1197	2992
80	2869	798	1169	2876
85	3020	793	1150	2750
90	3164	795	1138	2616
95	3300	805	1132	2476
100	3423	827	1130	2333
105	3533	860	1131	2189
110	3627	906	1133	2048
115	3702	966	1135	1910
120	3758	1040	1137	1778
125	3792	1129	1137	1655
130	3805	1233	1135	1541
135	3795	1351	1130	1438
140	3762	1482	1123	1346
145	3707	1626	1113	1267
150	3631	1781	1100	1201
155	3535	1945	1087	1147
160	3420	2116	1073	1105
165	3289	2291	1060	1074
170	3143	2468	1049	1053
175	2985	2645	1041	1042
180	2818	2818	1038	1038

MAX (kg)	3805	2818	2716	3361
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(kg)