

Outrigger Reaction Force Calculation

Model MC305C

Working Radius 2500mm

Lift Load 2930 Kg

Boom Stage 2 Section

Outriggers Extended Maximum

Degrees	Front Right	Front Left	Rear Left	Rear Right
0	1180	1180	2702	2702
5	1218	1148	2582	2815
10	1264	1121	2459	2920
15	1317	1098	2334	3015
20	1379	1077	2209	3098
25	1450	1059	2087	3167
30	1531	1042	1969	3221
35	1622	1026	1856	3258
40	1723	1010	1751	3279
45	1833	994	1655	3282
50	1951	978	1567	3267
55	2078	962	1489	3234
60	2210	947	1421	3185
65	2347	934	1364	3120
70	2487	922	1315	3039
75	2627	914	1276	2946
80	2726	910	1246	2841
85	2903	912	1223	2726
90	3033	921	1206	2604
95	3156	937	1195	2476
100	3268	963	1188	2345
105	3367	999	1183	2214
110	3453	1046	1181	2084
115	3522	1105	1180	1957
120	3574	1177	1178	1832
125	3607	1261	1176	1720
130	3621	1357	1172	1613
135	3615	1466	1167	1516
140	3589	1586	1160	1429
145	3543	1716	1152	1353
150	3479	1855	1142	1288
155	3396	2002	1132	1233
160	3297	2154	1123	1190
165	3184	2309	1114	1156
170	3057	2466	1108	1132
175	2920	2622	1106	1117
180	2774	2774	1108	1108
MAX (Kg)	3621	2774	2702	3282

