

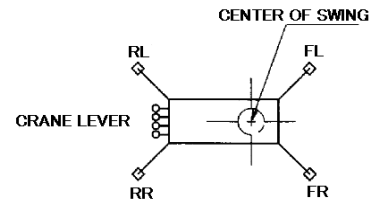
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 1350 kg

STAGE 2

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	591	591	2296	2296
5	582	607	2125	2462
10	581	627	1951	2617
15	591	647	1779	2759
20	614	665	1612	2885
25	653	680	1452	2991
30	709	689	1304	3075
35	782	690	1169	3134
40	874	684	1050	3168
45	984	668	948	3176
50	1112	643	864	3156
55	1257	609	799	3111
60	1416	568	752	3040
65	1588	520	724	2944
70	1769	468	711	2828
75	1957	413	714	2692
80	2148	359	730	2540
85	2338	307	756	2375
90	2523	261	790	2201
95	2700	224	830	2021
100	2865	198	872	1841
105	3013	186	915	1662
110	3142	191	954	1489
115	3247	214	989	1325
120	3328	258	1017	1173
125	3381	322	1036	1036
130	3406	409	1046	915
135	3400	517	1046	813
140	3365	647	1034	729
145	3300	797	1013	666
150	3207	965	982	622
155	3088	1149	943	596
160	2944	1346	897	589
165	2780	1553	847	597
170	2597	1765	795	619
175	2400	1980	743	652
180	2193	2193	695	695

MAX (kg)	3406	2193	2296	3176
-----------------	-------------	-------------	-------------	-------------

(kg)