

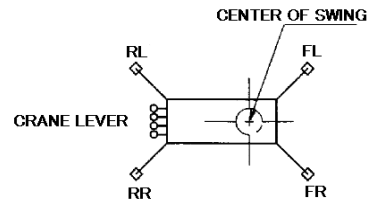
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm

LIFTING LOAD 465 kg

STAGE 5

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	570	570	1764	1764
5	554	591	1647	1878
10	543	613	1528	1986
15	540	635	1411	2084
20	546	654	1298	2172
25	563	670	1192	2245
30	592	680	1094	2304
35	634	683	1006	2346
40	690	680	930	2370
45	759	668	866	2376
50	842	648	816	2364
55	936	621	780	2332
60	1043	586	757	2284
65	1158	546	747	2218
70	1282	502	748	2138
75	1410	454	761	2045
80	1542	406	782	1940
85	1673	359	811	1827
90	1802	315	844	1708
95	1925	277	882	1586
100	2040	247	920	1463
105	2143	227	958	1342
110	2233	218	993	1226
115	2306	223	1023	1117
120	2362	243	1048	1017
125	2398	278	1065	928
130	2414	330	1075	851
135	2409	398	1076	787
140	2383	482	1068	737
145	2336	581	1051	702
150	2268	694	1027	680
155	2183	819	996	672
160	2080	954	959	676
165	1962	1097	918	692
170	1832	1246	875	717
175	1693	1396	831	750
180	1546	1546	788	788

MAX (kg)	2414	1546	1764	2376
-----------------	-------------	-------------	-------------	-------------

(kg)