

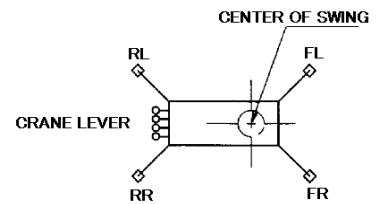
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm

LIFTING LOAD 465 kg

STAGE 5

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	601	601	1733	1733
5	590	616	1631	1833
10	585	632	1527	1926
15	586	648	1424	2012
20	595	663	1325	2087
25	613	675	1230	2151
30	642	683	1143	2202
35	681	686	1064	2238
40	732	684	995	2259
45	794	675	937	2263
50	868	661	889	2252
55	951	640	854	2225
60	1044	614	829	2182
65	1145	584	816	2125
70	1252	551	812	2055
75	1363	515	818	1973
80	1477	479	832	1882
85	1590	445	851	1783
90	1701	413	876	1679
95	1807	387	904	1572
100	1906	367	933	1464
105	1995	355	961	1358
110	2073	354	988	1255
115	2137	363	1012	1158
120	2186	385	1031	1069
125	2218	419	1044	988
130	2233	467	1051	918
135	2231	529	1051	860
140	2210	603	1044	813
145	2172	689	1030	778
150	2117	787	1011	755
155	2046	895	985	743
160	1960	1011	956	742
165	1862	1133	923	751
170	1753	1259	889	768
175	1636	1387	854	792
180	1513	1513	822	822

MAX (kg)	2233	1513	1733	2263
-----------------	-------------	-------------	-------------	-------------

(kg)