

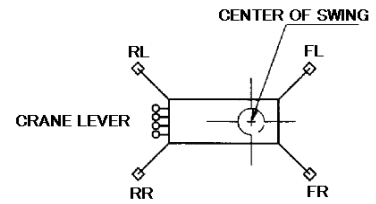
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm

LIFTING LOAD 610 kg

STAGE 5

EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	685	685	1744	1744
5	686	687	1661	1824
10	691	692	1577	1899
15	702	697	1493	1967
20	719	702	1411	2027
25	744	706	1332	2077
30	776	708	1258	2117
35	816	708	1189	2145
40	865	704	1128	2161
45	922	697	1075	2164
50	987	687	1030	2154
55	1060	674	993	2132
60	1139	657	965	2098
65	1223	639	945	2052
70	1312	619	932	1995
75	1403	599	927	1930
80	1496	579	928	1856
85	1587	561	934	1776
90	1677	546	944	1692
95	1761	536	957	1605
100	1840	530	972	1516
105	1911	532	987	1429
110	1973	541	1001	1343
115	2024	559	1014	1262
120	2063	586	1024	1186
125	2089	623	1030	1116
130	2101	670	1033	1054
135	2100	726	1032	1001
140	2084	792	1027	956
145	2055	866	1018	920
150	2012	949	1005	893
155	1957	1039	988	875
160	1890	1134	970	865
165	1813	1233	950	863
170	1728	1335	929	867
175	1635	1437	909	877
180	1538	1538	892	892

MAX (kg)	2101	1538	1744	2164
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(kg)