

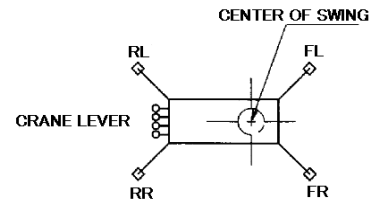
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7000 mm

LIFTING LOAD 380 kg

STAGE 5

EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	581	581	1704	1704
5	566	600	1602	1803
10	556	620	1499	1896
15	553	640	1397	1981
20	557	659	1298	2057
25	571	674	1205	2121
30	595	686	1118	2171
35	631	692	1041	2207
40	677	693	973	2228
45	736	687	916	2233
50	805	675	870	2221
55	885	657	836	2194
60	974	633	813	2151
65	1071	604	801	2094
70	1175	572	799	2024
75	1284	538	807	1943
80	1394	502	822	1852
85	1506	468	844	1753
90	1615	436	870	1650
95	1719	409	899	1543
100	1817	388	930	1436
105	1906	375	960	1330
110	1984	372	988	1228
115	2048	379	1012	1132
120	2098	398	1032	1044
125	2132	429	1045	964
130	2149	473	1053	896
135	2149	531	1053	838
140	2131	601	1046	793
145	2096	683	1032	760
150	2045	776	1012	738
155	1978	879	986	728
160	1897	989	955	729
165	1804	1106	921	740
170	1700	1227	885	759
175	1588	1349	850	785
180	1470	1470	815	815

MAX (kg)	2149	1470	1704	2233
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(kg)