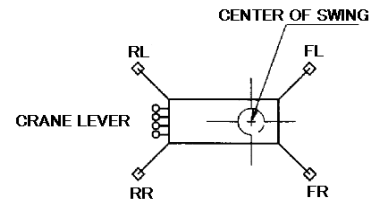


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6000 mm
LIFTING LOAD 465 kg
STAGE 5



EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)

θ	FR	FL	RL	RR
0	628	628	1710	1710
5	622	638	1619	1798
10	619	650	1527	1880
15	623	663	1435	1956
20	634	674	1346	2022
25	653	684	1262	2079
30	681	691	1183	2123
35	718	693	1111	2155
40	765	692	1047	2172
45	822	686	993	2176
50	888	675	948	2166
55	963	659	913	2142
60	1046	639	888	2104
65	1136	616	872	2053
70	1230	591	865	1991
75	1329	564	866	1919
80	1429	537	874	1838
85	1528	511	887	1750
90	1626	489	905	1657
95	1719	470	926	1562
100	1806	457	948	1466
105	1885	452	970	1371
110	1953	455	990	1279
115	2010	467	1009	1191
120	2053	490	1023	1111
125	2083	524	1033	1037
130	2097	569	1038	973
135	2097	625	1038	918
140	2080	691	1032	874
145	2049	769	1020	840
150	2002	855	1004	816
155	1942	950	983	802
160	1869	1051	959	798
165	1786	1157	932	801
170	1693	1267	905	813
175	1592	1377	878	830
180	1486	1486	852	852

MAX (kg)	2097	1486	1710	2176
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(kg)