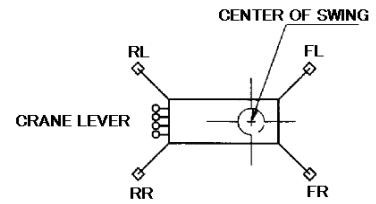


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm
LIFTING LOAD 610 kg
STAGE 5



EXTENDED OUTRIGGERS MID (MAX, MID, MIN)

θ	FR	FL	RL	RR
0	659	659	1766	1766
5	657	664	1673	1856
10	661	671	1579	1940
15	670	679	1484	2017
20	686	686	1393	2085
25	711	692	1305	2143
30	745	695	1223	2188
35	788	694	1149	2220
40	841	689	1082	2238
45	904	680	1025	2242
50	976	666	977	2232
55	1056	648	940	2207
60	1145	626	912	2168
65	1240	601	893	2116
70	1340	575	883	2053
75	1443	547	882	1979
80	1547	520	887	1897
85	1651	494	899	1807
90	1752	472	914	1712
95	1848	455	933	1615
100	1937	444	953	1516
105	2018	441	974	1418
110	2087	447	993	1323
115	2144	463	1010	1233
120	2188	490	1024	1149
125	2216	528	1033	1073
130	2229	578	1038	1006
135	2226	640	1037	948
140	2206	713	1031	901
145	2170	796	1020	864
150	2119	890	1004	838
155	2054	992	984	821
160	1976	1100	961	814
165	1886	1214	936	816
170	1786	1331	909	825
175	1678	1449	884	840
180	1565	1565	860	860

MAX (kg)	2229	1565	1766	2242
----------	------	------	------	------

(k g)