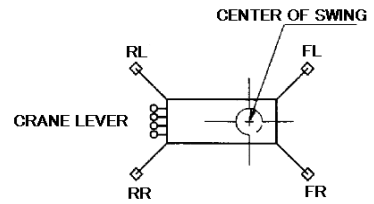


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm
LIFTING LOAD 610 kg
STAGE 5



EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)

θ	FR	FL	RL	RR
0	629	629	1796	1796
5	624	639	1689	1899
10	624	650	1582	1995
15	631	661	1475	2084
20	646	671	1371	2162
25	671	679	1273	2228
30	706	683	1181	2281
35	753	681	1099	2318
40	811	675	1026	2339
45	881	662	964	2344
50	962	643	913	2332
55	1053	619	874	2304
60	1154	590	847	2260
65	1263	556	831	2201
70	1377	520	825	2129
75	1496	482	829	2044
80	1617	444	840	1950
85	1736	408	859	1848
90	1853	376	882	1740
95	1964	349	908	1629
100	2067	330	936	1517
105	2160	320	964	1407
110	2240	320	991	1300
115	2305	333	1013	1199
120	2354	359	1032	1105
125	2386	399	1045	1021
130	2399	453	1051	947
135	2393	522	1051	885
140	2368	604	1045	834
145	2324	700	1031	796
150	2261	807	1011	771
155	2183	925	986	756
160	2088	1052	957	753
165	1981	1185	925	760
170	1862	1322	891	776
175	1734	1461	858	798
180	1599	1599	826	826

MAX (kg)	2399	1599	1796	2344
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(k g)