

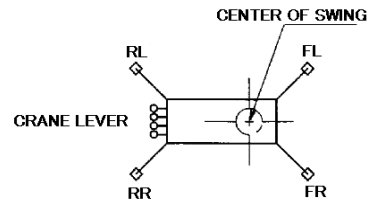
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 12160 mm

LIFTING LOAD 220 kg

STAGE 5

EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	373	373	1812	1812
5	296	454	1621	2000
10	227	536	1429	2178
15	171	615	1242	2342
20	130	687	1065	2489
25	108	748	901	2613
30	108	796	754	2712
35	131	829	626	2784
40	179	844	521	2826
45	251	842	440	2837
50	349	820	384	2817
55	470	781	353	2766
60	613	725	346	2686
65	776	655	362	2578
70	955	571	399	2445
75	1146	478	455	2291
80	1346	379	526	2119
85	1550	278	609	1933
90	1752	179	699	1740
95	1949	86	794	1542
100	2135	3	888	1345
105	2305	(66)	979	1153
110	2455	(118)	1061	971
115	2581	(148)	1133	804
120	2681	(156)	1192	654
125	2750	(138)	1233	525
130	2788	(94)	1257	419
135	2793	(22)	1263	337
140	2764	76	1248	281
145	2703	201	1216	251
150	2610	349	1165	246
155	2488	519	1098	265
160	2339	707	1018	306
165	2168	910	927	366
170	1978	1122	829	441
175	1773	1340	727	530
180	1559	1559	626	626

MAX (kg)	2793	1559	1812	2837
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(kg)