

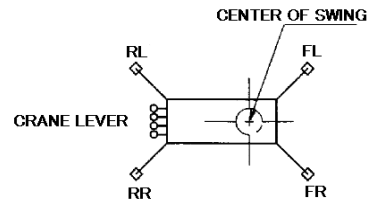
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7000 mm

LIFTING LOAD 500 kg

STAGE 4

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	460	460	1897	1897
5	417	507	1729	2060
10	381	557	1560	2215
15	357	604	1394	2358
20	347	647	1235	2485
25	352	682	1087	2592
30	376	707	952	2678
35	420	721	833	2739
40	484	722	732	2775
45	569	709	651	2784
50	674	682	590	2766
55	799	642	550	2722
60	942	590	530	2652
65	1100	527	529	2558
70	1270	455	546	2442
75	1450	377	578	2308
80	1635	297	624	2158
85	1821	216	680	1996
90	2005	139	743	1826
95	2181	69	810	1652
100	2346	10	879	1478
105	2496	(35)	945	1308
110	2627	(64)	1005	1145
115	2735	(74)	1058	993
120	2818	(62)	1101	856
125	2873	(27)	1132	735
130	2899	32	1149	633
135	2894	116	1152	551
140	2859	223	1140	491
145	2794	353	1115	452
150	2700	504	1075	433
155	2580	674	1024	435
160	2435	859	963	455
165	2270	1057	895	492
170	2086	1263	821	542
175	1890	1474	746	603
180	1684	1684	672	672

MAX (kg)	2899	1684	1897	2784
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(kg)