

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 13000 mm

LIFTING LOAD 350 kg

STAGE 5

EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	671	671	2796	2796
5	596	754	2526	3059
10	532	839	2256	3307
15	485	922	1991	3536
20	458	999	1738	3740
25	454	1066	1502	3912
30	477	1119	1289	4049
35	529	1156	1102	4148
40	611	1174	945	4204
45	724	1173	820	4217
50	867	1152	729	4187
55	1038	1112	671	4113
60	1235	1054	647	3998
65	1456	979	654	3845
70	1696	892	690	3657
75	1949	796	751	3438
80	2212	694	834	3195
85	2479	591	932	2932
90	2743	492	1043	2657
95	2998	402	1159	2375
100	3239	325	1276	2094
105	3459	266	1389	1820
110	3654	228	1493	1559
115	3819	216	1583	1317
120	3948	233	1655	1099
125	4041	280	1706	908
130	4092	359	1734	749
135	4102	471	1738	623
140	4070	615	1717	533
145	3997	789	1672	478
150	3883	991	1604	457
155	3732	1218	1515	469
160	3547	1466	1410	512
165	3333	1730	1291	581
170	3094	2005	1164	672
175	2835	2285	1033	782
180	2564	2564	904	904

<b>MAX (kg)</b>	<b>4102</b>	<b>2564</b>	<b>2796</b>	<b>4217</b>
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(unit:kgf)