

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 10000 mm  
LIFTING LOAD 450 kg  
STAGE 5  
EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	756	756	2774	2774
5	702	817	2530	3011
10	658	881	2285	3235
15	630	944	2045	3442
20	619	1001	1814	3625
25	630	1050	1599	3780
30	665	1088	1403	3903
35	726	1112	1231	3991
40	814	1120	1084	4041
45	928	1112	966	4053
50	1070	1087	878	4025
55	1236	1045	820	3959
60	1425	989	791	3855
65	1634	919	790	3717
70	1860	839	814	3547
75	2097	751	862	3349
80	2342	661	928	3129
85	2588	570	1009	2892
90	2831	484	1101	2643
95	3066	407	1198	2388
100	3285	343	1297	2134
105	3486	297	1393	1885
110	3662	271	1480	1647
115	3809	269	1556	1425
120	3923	294	1617	1225
125	4003	348	1661	1049
130	4044	431	1684	900
135	4047	544	1687	782
140	4011	687	1668	694
145	3936	857	1629	638
150	3824	1054	1570	612
155	3677	1273	1493	616
160	3499	1511	1402	647
165	3293	1764	1300	702
170	3065	2027	1191	776
175	2819	2294	1080	868
180	2560	2560	970	970

<b>MAX (kg)</b>	<b>4047</b>	<b>2560</b>	<b>2774</b>	<b>4053</b>
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(unit:kgf)