

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 5000 mm  
LIFTING LOAD 1600 kg  
STAGE 4  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	934	934	3315	3315
5	920	957	3042	3578
10	919	985	2767	3826
15	934	1015	2494	4054
20	970	1041	2231	4255
25	1029	1062	1982	4424
30	1114	1073	1752	4558
35	1225	1073	1546	4654
40	1364	1060	1365	4708
45	1531	1033	1214	4719
50	1725	992	1093	4687
55	1944	937	1003	4612
60	2186	871	944	4497
65	2446	795	914	4343
70	2721	711	911	4154
75	3005	625	933	3934
80	3294	538	975	3690
85	3582	456	1035	3425
90	3863	382	1106	3146
95	4130	322	1186	2859
100	4378	279	1268	2571
105	4602	258	1349	2288
110	4795	263	1424	2015
115	4953	296	1490	1758
120	5073	360	1542	1522
125	5152	457	1578	1311
130	5186	587	1597	1128
135	5174	751	1596	976
140	5118	948	1576	856
145	5016	1176	1537	769
150	4871	1432	1480	714
155	4687	1712	1408	690
160	4465	2013	1323	695
165	4211	2329	1230	727
170	3931	2655	1131	780
175	3628	2984	1032	852
180	3311	3311	938	938

<b>MAX (kg)</b>	<b>5186</b>	<b>3311</b>	<b>3315</b>	<b>4719</b>
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(unit:kgf)