

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 4000 mm  
LIFTING LOAD 2200 kg  
STAGE 4  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	1134	1134	3489	3489
5	1148	1131	3237	3732
10	1174	1133	2980	3960
15	1215	1138	2726	4169
20	1275	1142	2477	4352
25	1356	1143	2241	4507
30	1459	1139	2020	4629
35	1586	1127	1819	4715
40	1738	1106	1640	4763
45	1913	1076	1486	4772
50	2111	1036	1359	4742
55	2330	987	1258	4672
60	2568	930	1184	4565
65	2821	867	1137	4423
70	3085	801	1113	4248
75	3356	734	1111	4046
80	3630	670	1128	3819
85	3900	612	1161	3574
90	4162	564	1206	3315
95	4411	530	1259	3048
100	4640	513	1315	2779
105	4846	516	1372	2512
110	5023	544	1426	2254
115	5167	598	1473	2009
120	5275	680	1510	1782
125	5344	792	1535	1576
130	5372	934	1547	1395
135	5358	1106	1543	1240
140	5302	1307	1525	1113
145	5204	1535	1492	1015
150	5066	1788	1446	946
155	4891	2062	1389	905
160	4682	2354	1322	890
165	4443	2657	1249	898
170	4178	2969	1174	927
175	3892	3282	1100	972
180	3592	3592	1032	1032

<b>MAX (kg)</b>	<b>5372</b>	<b>3592</b>	<b>3489</b>	<b>4772</b>
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(unit:kgf)