

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 6000 mm  
LIFTING LOAD 1370 kg  
STAGE 4  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	984	984	3121	3121
5	976	1001	2910	3323
10	977	1022	2696	3514
15	992	1046	2484	3687
20	1023	1069	2278	3841
25	1071	1089	2081	3969
30	1138	1104	1897	4071
35	1225	1113	1730	4143
40	1332	1114	1581	4183
45	1460	1106	1454	4190
50	1607	1090	1348	4164
55	1773	1065	1265	4106
60	1955	1034	1205	4016
65	2151	996	1166	3897
70	2357	953	1148	3751
75	2571	909	1148	3581
80	2789	866	1163	3392
85	3005	825	1192	3187
90	3217	791	1231	2970
95	3420	767	1276	2748
100	3609	754	1324	2523
105	3780	756	1373	2300
110	3931	776	1418	2085
115	4056	814	1458	1881
120	4154	874	1489	1692
125	4223	956	1510	1521
130	4260	1060	1520	1370
135	4264	1187	1517	1242
140	4236	1335	1501	1137
145	4175	1504	1473	1056
150	4084	1691	1434	1000
155	3963	1895	1385	967
160	3815	2110	1328	956
165	3644	2335	1267	964
170	3452	2565	1202	990
175	3244	2796	1139	1029
180	3024	3024	1081	1081

<b>MAX (kg)</b>	<b>4264</b>	<b>3024</b>	<b>3121</b>	<b>4190</b>
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)