

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 5000 mm  
LIFTING LOAD 1950 kg  
STAGE 2  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	1038	1038	3429	3429
5	1037	1048	3194	3655
10	1047	1065	2955	3867
15	1073	1084	2717	4061
20	1115	1104	2485	4231
25	1177	1121	2263	4374
30	1260	1134	2055	4486
35	1365	1140	1864	4565
40	1492	1139	1694	4609
45	1641	1129	1547	4617
50	1812	1111	1423	4588
55	2002	1085	1324	4523
60	2210	1052	1250	4422
65	2433	1012	1200	4289
70	2667	970	1171	4126
75	2909	925	1163	3937
80	3154	883	1172	3726
85	3397	844	1196	3497
90	3635	814	1231	3255
95	3861	794	1274	3005
100	4073	787	1321	2753
105	4264	798	1369	2503
110	4432	828	1414	2261
115	4572	879	1453	2031
120	4681	954	1484	1816
125	4757	1052	1504	1621
130	4797	1176	1513	1448
135	4802	1324	1509	1300
140	4770	1496	1492	1177
145	4702	1690	1462	1081
150	4599	1904	1420	1012
155	4463	2135	1369	968
160	4298	2380	1309	948
165	4106	2634	1245	949
170	3891	2894	1180	970
175	3657	3154	1116	1007
180	3410	3410	1057	1057

<b>MAX (kg)</b>	<b>4802</b>	<b>3410</b>	<b>3429</b>	<b>4617</b>
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(unit:kgf)