

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 6000 mm  
LIFTING LOAD 1150 kg  
STAGE 4  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	830	830	3138	3138
5	796	872	2861	3406
10	775	918	2582	3659
15	770	965	2308	3892
20	787	1006	2043	4098
25	828	1040	1795	4272
30	895	1062	1567	4410
35	990	1071	1365	4508
40	1115	1064	1190	4565
45	1270	1041	1047	4577
50	1453	1001	936	4545
55	1663	944	857	4470
60	1898	873	811	4352
65	2153	790	795	4196
70	2425	698	808	4004
75	2709	599	846	3780
80	2998	499	906	3531
85	3287	402	982	3263
90	3571	313	1071	2980
95	3841	236	1167	2690
100	4094	176	1265	2399
105	4322	138	1361	2114
110	4520	125	1449	1841
115	4683	141	1525	1585
120	4807	189	1587	1352
125	4889	271	1630	1145
130	4926	388	1653	968
135	4917	539	1654	824
140	4862	726	1633	713
145	4762	944	1591	637
150	4618	1192	1529	595
155	4433	1467	1449	586
160	4211	1763	1354	606
165	3956	2076	1249	653
170	3675	2400	1137	723
175	3372	2728	1023	811
180	3054	3054	913	913

<b>MAX (kg)</b>	<b>4926</b>	<b>3054</b>	<b>3138</b>	<b>4577</b>
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(unit:kgf)