

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 9000 mm  
LIFTING LOAD 850 kg  
STAGE 3  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	618	618	3162	3162
5	540	704	2842	3473
10	477	795	2521	3767
15	433	883	2205	4038
20	413	966	1903	4278
25	421	1037	1620	4481
30	460	1094	1363	4642
35	533	1133	1137	4757
40	641	1151	944	4823
45	784	1148	789	4838
50	962	1124	673	4802
55	1172	1077	596	4714
60	1413	1012	557	4578
65	1681	928	555	4396
70	1969	831	586	4173
75	2274	724	647	3914
80	2589	612	733	3625
85	2907	500	839	3314
90	3221	393	958	2987
95	3525	297	1086	2652
100	3811	217	1214	2318
105	4072	158	1339	1991
110	4303	125	1453	1679
115	4497	122	1552	1388
120	4650	153	1632	1124
125	4759	220	1688	893
130	4819	324	1719	698
135	4830	466	1722	542
140	4792	645	1697	426
145	4704	859	1645	352
150	4568	1106	1568	318
155	4388	1382	1467	322
160	4168	1681	1348	362
165	3913	1999	1215	433
170	3628	2328	1072	530
175	3321	2663	926	649
180	2996	2996	783	783

<b>MAX (kg)</b>	<b>4830</b>	<b>2996</b>	<b>3162</b>	<b>4838</b>
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(unit:kgf)