

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 8000 mm  
LIFTING LOAD 600 kg  
STAGE 5  
EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	877	877	2747	2747
5	850	911	2545	2942
10	832	948	2341	3127
15	826	985	2140	3296
20	835	1020	1946	3445
25	862	1049	1764	3572
30	908	1071	1596	3672
35	974	1083	1446	3743
40	1062	1085	1317	3784
45	1171	1075	1209	3792
50	1300	1053	1125	3769
55	1449	1021	1064	3714
60	1615	978	1026	3628
65	1796	927	1011	3513
70	1990	868	1016	3373
75	2192	806	1039	3210
80	2398	743	1078	3028
85	2605	681	1129	2832
90	2808	624	1190	2625
95	3003	576	1256	2413
100	3185	539	1323	2200
105	3350	516	1389	1991
110	3495	511	1450	1791
115	3615	526	1503	1602
120	3709	563	1546	1430
125	3773	622	1575	1277
130	3805	706	1591	1145
135	3806	813	1591	1037
140	3774	944	1576	954
145	3710	1097	1545	895
150	3616	1270	1501	860
155	3493	1460	1444	849
160	3344	1666	1378	860
165	3171	1882	1303	890
170	2980	2105	1225	937
175	2773	2331	1145	998
180	2555	2555	1068	1068

<b>MAX (kg)</b>	<b>3806</b>	<b>2555</b>	<b>2747</b>	<b>3792</b>
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)