

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 8000 mm  
LIFTING LOAD 650 kg  
STAGE 4  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	720	720	2935	2935
5	657	791	2647	3215
10	607	864	2359	3480
15	574	935	2077	3724
20	563	1000	1806	3940
25	578	1053	1555	4124
30	621	1092	1326	4270
35	695	1114	1126	4374
40	802	1116	957	4435
45	941	1097	823	4449
50	1112	1057	723	4417
55	1314	997	660	4339
60	1542	919	632	4217
65	1795	824	637	4054
70	2067	716	672	3854
75	2354	600	735	3621
80	2648	479	820	3362
85	2945	359	922	3083
90	3237	246	1037	2790
95	3517	143	1159	2491
100	3780	57	1281	2191
105	4018	(7)	1399	1899
110	4226	(45)	1508	1621
115	4398	(52)	1602	1362
120	4531	(27)	1677	1128
125	4619	35	1731	924
130	4662	134	1761	753
135	4656	270	1765	618
140	4603	444	1743	519
145	4503	653	1696	458
150	4357	895	1624	434
155	4169	1165	1532	444
160	3942	1460	1421	486
165	3683	1773	1297	557
170	3395	2099	1164	652
175	3086	2431	1027	765
180	2763	2763	892	892

<b>MAX (kg)</b>	<b>4662</b>	<b>2763</b>	<b>2935</b>	<b>4449</b>
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)