

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 7250 mm  
LIFTING LOAD 750 kg  
STAGE 2  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	656	656	3061	3061
5	578	743	2735	3378
10	515	832	2409	3679
15	471	918	2089	3956
20	452	996	1784	4202
25	462	1061	1500	4411
30	504	1109	1244	4577
35	583	1137	1019	4696
40	698	1141	831	4765
45	850	1121	682	4781
50	1040	1077	573	4745
55	1264	1008	506	4657
60	1519	918	478	4519
65	1803	809	489	4334
70	2109	684	535	4107
75	2431	549	611	3843
80	2764	408	713	3550
85	3099	268	835	3233
90	3429	134	970	2902
95	3747	12	1113	2562
100	4044	(91)	1257	2224
105	4314	(169)	1395	1894
110	4551	(218)	1522	1580
115	4747	(233)	1632	1288
120	4897	(209)	1721	1026
125	4999	(145)	1784	797
130	5048	(38)	1819	606
135	5043	111	1824	456
140	4983	303	1799	348
145	4870	536	1745	284
150	4706	806	1662	260
155	4494	1109	1555	277
160	4238	1439	1427	330
165	3945	1792	1283	415
170	3620	2159	1128	528
175	3272	2533	968	662
180	2907	2907	811	811

<b>MAX (kg)</b>	<b>5048</b>	<b>2907</b>	<b>3061</b>	<b>4781</b>
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)