

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 16000 mm  
LIFTING LOAD 120 kg  
STAGE 5  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	501	501	2823	2823
5	344	665	2435	3203
10	203	830	2050	3565
15	85	987	1676	3900
20	(3)	1129	1323	4198
25	(55)	1249	1000	4453
30	(65)	1342	714	4657
35	(30)	1403	470	4803
40	53	1430	275	4890
45	185	1419	131	4913
50	365	1371	40	4872
55	592	1286	1	4768
60	862	1167	15	4603
65	1170	1018	76	4383
70	1511	843	182	4111
75	1876	649	325	3797
80	2257	443	500	3447
85	2646	232	699	3070
90	3034	23	913	2677
95	3409	(173)	1134	2277
100	3764	(350)	1352	1881
105	4089	(500)	1561	1497
110	4375	(615)	1750	1136
115	4615	(689)	1915	806
120	4802	(717)	2048	515
125	4931	(695)	2144	267
130	4998	(620)	2199	70
135	5001	(490)	2212	(75)
140	4939	(307)	2181	(166)
145	4814	(73)	2108	(202)
150	4627	210	1994	(185)
155	4384	536	1844	(118)
160	4090	899	1663	(5)
165	3752	1291	1457	147
170	3377	1704	1234	332
175	2976	2129	1001	541
180	2556	2556	767	767

<b>MAX (kg)</b>	<b>5001</b>	<b>2556</b>	<b>2823</b>	<b>4913</b>
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)