

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 9000 mm

LIFTING LOAD 550 kg

STAGE 3

EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	544	544	3049	3049
5	427	670	2675	3414
10	325	797	2301	3761
15	246	920	1937	4081
20	196	1031	1591	4366
25	181	1124	1272	4608
30	203	1194	985	4802
35	268	1238	738	4941
40	377	1252	534	5021
45	531	1235	377	5042
50	728	1186	269	5001
55	968	1106	210	4900
60	1247	997	198	4742
65	1560	864	232	4529
70	1901	709	306	4268
75	2263	540	416	3965
80	2639	361	557	3628
85	3019	181	720	3265
90	3396	6	898	2884
95	3760	(156)	1084	2497
100	4102	(297)	1269	2111
105	4413	(412)	1447	1736
110	4686	(492)	1609	1381
115	4914	(534)	1750	1054
120	5091	(531)	1864	761
125	5210	(480)	1945	509
130	5271	(380)	1991	303
135	5269	(230)	2000	145
140	5204	(29)	1971	38
145	5078	220	1905	(19)
150	4894	513	1804	(26)
155	4654	846	1671	13
160	4365	1212	1511	96
165	4033	1605	1331	215
170	3666	2016	1136	366
175	3271	2437	935	542
180	2859	2859	734	734

<b>MAX (kg)</b>	<b>5271</b>	<b>2859</b>	<b>3049</b>	<b>5042</b>
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(unit:kgf)