

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 10000 mm  
LIFTING LOAD 390 kg  
STAGE 5  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	696	696	2796	2796
5	622	777	2514	3071
10	559	861	2232	3332
15	514	942	1956	3573
20	491	1015	1693	3786
25	493	1076	1449	3968
30	523	1121	1228	4112
35	585	1148	1036	4216
40	678	1154	876	4276
45	805	1138	751	4291
50	964	1100	661	4259
55	1154	1040	607	4183
60	1372	961	588	4063
65	1614	864	603	3903
70	1877	753	648	3707
75	2154	633	719	3478
80	2440	507	813	3224
85	2729	380	925	2950
90	3015	259	1048	2663
95	3290	148	1177	2370
100	3547	53	1307	2077
105	3782	(21)	1431	1792
110	3987	(69)	1545	1522
115	4157	(88)	1644	1271
120	4288	(74)	1724	1046
125	4377	(24)	1781	851
130	4421	63	1813	689
135	4417	187	1818	562
140	4367	349	1796	473
145	4270	546	1748	421
150	4129	775	1675	406
155	3946	1034	1580	425
160	3726	1317	1466	477
165	3473	1619	1337	556
170	3193	1934	1199	659
175	2892	2256	1056	780
180	2578	2578	914	914

<b>MAX (kg)</b>	<b>4421</b>	<b>2578</b>	<b>2796</b>	<b>4291</b>
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(unit:kgf)