

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 13000 mm  
LIFTING LOAD 250 kg  
STAGE 5  
EXTENDED OUTRIGGERS MIN

$\theta$	FR	FL	RL	RR
0	557	557	2848	2848
5	431	690	2494	3194
10	320	825	2141	3523
15	231	953	1798	3828
20	168	1069	1473	4099
25	139	1167	1174	4329
30	146	1242	908	4514
35	194	1290	679	4646
40	285	1308	493	4724
45	419	1295	352	4744
50	596	1250	258	4706
55	814	1173	212	4611
60	1070	1068	211	4460
65	1359	937	254	4259
70	1676	785	336	4012
75	2015	617	453	3725
80	2367	439	598	3406
85	2725	258	765	3062
90	3080	82	945	2703
95	3424	(84)	1133	2337
100	3747	(230)	1320	1973
105	4043	(351)	1498	1620
110	4303	(441)	1660	1287
115	4520	(493)	1801	981
120	4688	(503)	1915	709
125	4804	(468)	1997	477
130	4863	(385)	2044	288
135	4863	(254)	2054	147
140	4804	(74)	2026	54
145	4687	152	1961	10
150	4514	420	1862	13
155	4290	727	1731	61
160	4018	1067	1574	150
165	3707	1432	1395	275
170	3362	1816	1202	430
175	2991	2210	1001	607
180	2604	2604	800	800

<b>MAX (kg)</b>	<b>4863</b>	<b>2604</b>	<b>2848</b>	<b>4744</b>
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(unit:kgf)