

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 13100 mm  
LIFTING LOAD 300 kg  
STAGE 4  
EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	563	563	2873	2873
5	450	685	2537	3201
10	350	808	2202	3512
15	270	927	1875	3800
20	216	1035	1565	4056
25	193	1128	1278	4274
30	203	1201	1021	4447
35	251	1250	799	4572
40	339	1273	617	4644
45	466	1267	476	4662
50	633	1234	380	4626
55	837	1173	327	4535
60	1076	1086	317	4392
65	1346	977	348	4201
70	1642	848	416	3966
75	1957	706	516	3694
80	2284	555	642	3391
85	2617	401	789	3064
90	2948	251	950	2723
95	3268	111	1118	2374
100	3571	(12)	1285	2028
105	3847	(112)	1446	1691
110	4092	(184)	1592	1372
115	4297	(222)	1719	1079
120	4458	(223)	1821	816
125	4571	(183)	1894	590
130	4632	(101)	1936	405
135	4640	24	1944	264
140	4594	193	1917	168
145	4494	402	1857	118
150	4344	650	1766	112
155	4146	931	1646	149
160	3905	1241	1502	223
165	3626	1574	1339	332
170	3317	1923	1164	468
175	2984	2279	982	627
180	2636	2636	800	800

<b>MAX (kg)</b>	<b>4640</b>	<b>2636</b>	<b>2873</b>	<b>4662</b>
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(unit:kgf)