

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 7250 mm  
LIFTING LOAD 1300 kg  
STAGE 2  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	689	689	3372	3372
5	633	755	3056	3678
10	592	826	2738	3966
15	570	896	2425	4231
20	572	962	2123	4465
25	600	1020	1839	4663
30	659	1065	1578	4820
35	749	1095	1346	4932
40	873	1108	1145	4995
45	1031	1102	980	5009
50	1221	1078	851	4972
55	1442	1035	759	4885
60	1691	976	704	4751
65	1964	902	684	4572
70	2257	817	696	4352
75	2565	724	737	4097
80	2880	628	802	3813
85	3197	533	886	3505
90	3510	446	984	3182
95	3811	369	1091	2851
100	4093	310	1201	2519
105	4351	272	1307	2193
110	4578	259	1405	1880
115	4768	276	1491	1587
120	4918	326	1559	1319
125	5024	410	1607	1082
130	5082	530	1632	878
135	5091	686	1633	712
140	5052	878	1609	584
145	4964	1103	1560	495
150	4829	1358	1490	445
155	4650	1641	1399	432
160	4432	1945	1292	453
165	4178	2266	1173	504
170	3895	2598	1047	582
175	3589	2933	919	681
180	3266	3266	795	795

<b>MAX (kg)</b>	<b>5091</b>	<b>3266</b>	<b>3372</b>	<b>5009</b>
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(unit:kgf)