

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 10200 mm  
LIFTING LOAD 460 kg  
STAGE 3  
EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	583	583	2953	2953
5	482	692	2622	3276
10	395	803	2292	3583
15	328	911	1968	3865
20	286	1010	1661	4116
25	273	1094	1375	4329
30	294	1160	1119	4499
35	352	1204	896	4621
40	447	1223	711	4691
45	581	1216	566	4709
50	753	1183	464	4672
55	962	1124	404	4582
60	1203	1041	386	4442
65	1474	937	407	4254
70	1770	815	464	4023
75	2084	681	553	3754
80	2409	540	668	3456
85	2739	396	803	3134
90	3066	257	952	2797
95	3382	129	1107	2453
100	3680	18	1264	2110
105	3953	(71)	1413	1777
110	4193	(131)	1550	1460
115	4394	(159)	1669	1168
120	4552	(150)	1764	905
125	4662	(101)	1833	678
130	4721	(11)	1871	490
135	4728	121	1878	345
140	4681	295	1852	244
145	4582	509	1794	186
150	4433	759	1707	173
155	4237	1042	1593	200
160	3998	1353	1457	264
165	3723	1685	1303	362
170	3416	2032	1137	487
175	3087	2387	965	633
180	2741	2741	795	795

<b>MAX (kg)</b>	<b>4728</b>	<b>2741</b>	<b>2953</b>	<b>4709</b>
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(unit:kgf)