

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 14000 mm

LIFTING LOAD 250 kg

STAGE 5

EXTENDED OUTRIGGERS MID

θ	FR	FL	RL	RR
0	594	594	2811	2811
5	488	707	2494	3120
10	396	822	2178	3414
15	322	933	1869	3685
20	273	1034	1576	3927
25	252	1120	1305	4132
30	264	1188	1062	4295
35	311	1234	852	4413
40	394	1255	679	4481
45	516	1250	546	4498
50	674	1218	454	4464
55	868	1161	403	4378
60	1095	1079	393	4243
65	1350	976	420	4063
70	1629	856	483	3841
75	1927	722	576	3584
80	2237	581	694	3298
85	2551	437	831	2990
90	2863	297	982	2668
95	3166	166	1138	2339
100	3451	52	1295	2012
105	3712	(42)	1445	1694
110	3942	(108)	1582	1393
115	4136	(143)	1701	1115
120	4288	(142)	1796	867
125	4394	(103)	1865	653
130	4452	(24)	1904	478
135	4459	95	1911	344
140	4415	255	1886	253
145	4321	454	1830	204
150	4179	689	1744	197
155	3992	955	1632	230
160	3765	1249	1497	300
165	3502	1563	1344	401
170	3210	1892	1179	528
175	2895	2229	1009	676
180	2566	2566	839	839

MAX (kg)	4459	2566	2811	4498
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)