

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 12000 mm
LIFTING LOAD 320 kg
STAGE 4
EXTENDED OUTRIGGERS MIN

θ	FR	FL	RL	RR
0	521	521	2928	2928
5	385	665	2549	3298
10	265	809	2172	3650
15	168	948	1806	3976
20	100	1073	1459	4266
25	67	1178	1139	4513
30	73	1259	854	4710
35	123	1311	610	4852
40	219	1331	412	4935
45	361	1317	262	4956
50	550	1269	163	4916
55	782	1187	114	4814
60	1055	1074	114	4653
65	1364	934	161	4438
70	1702	771	250	4174
75	2064	590	376	3867
80	2440	399	532	3525
85	2823	205	711	3158
90	3202	15	906	2774
95	3570	(162)	1107	2382
100	3916	(320)	1308	1994
105	4232	(451)	1499	1617
110	4510	(548)	1674	1261
115	4742	(605)	1826	934
120	4923	(617)	1948	644
125	5046	(580)	2036	396
130	5109	(493)	2086	195
135	5110	(353)	2097	44
140	5047	(162)	2067	(55)
145	4922	78	1998	(101)
150	4738	365	1891	(97)
155	4498	692	1751	(44)
160	4208	1055	1582	52
165	3875	1445	1390	187
170	3506	1855	1183	353
175	3110	2275	967	544
180	2697	2697	752	752

MAX (kg)	5110	2697	2928	4956
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)