

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 10000 mm

LIFTING LOAD 520 kg

STAGE 5

EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	802	802	2772	2772
5	760	851	2552	2984
10	728	902	2331	3186
15	710	954	2113	3370
20	708	1002	1904	3533
25	725	1044	1707	3672
30	763	1077	1526	3781
35	823	1099	1366	3859
40	907	1109	1228	3903
45	1014	1105	1115	3913
50	1144	1088	1027	3887
55	1296	1058	965	3827
60	1468	1016	929	3734
65	1657	963	918	3609
70	1860	903	929	3456
75	2072	836	960	3278
80	2291	767	1008	3080
85	2511	699	1070	2867
90	2728	636	1141	2642
95	2938	580	1218	2412
100	3134	536	1297	2181
105	3313	506	1373	1954
110	3471	495	1443	1738
115	3604	504	1505	1535
120	3708	536	1554	1349
125	3782	592	1588	1185
130	3823	673	1606	1046
135	3830	779	1607	932
140	3802	910	1590	845
145	3741	1065	1556	785
150	3648	1241	1506	753
155	3524	1436	1442	746
160	3372	1646	1366	763
165	3196	1869	1281	802
170	2999	2098	1192	858
175	2786	2331	1100	929
180	2562	2562	1011	1011

<b>MAX (kg)</b>	<b>3830</b>	<b>2562</b>	<b>2772</b>	<b>3913</b>
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(unit:kgf)