

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 8000 mm  
LIFTING LOAD 540 kg  
STAGE 4  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	345	345	2183	2183
5	270	426	1941	2418
10	206	508	1700	2641
15	157	588	1464	2846
20	127	662	1238	3029
25	119	724	1028	3184
30	136	773	838	3308
35	180	806	672	3398
40	252	820	532	3451
45	354	815	421	3465
50	484	790	341	3440
55	640	747	290	3378
60	822	685	270	3278
65	1026	608	277	3144
70	1248	518	310	2979
75	1483	419	366	2787
80	1727	314	441	2573
85	1975	208	531	2342
90	2220	105	631	2100
95	2457	10	736	1852
100	2680	(72)	843	1604
105	2885	(136)	945	1362
110	3064	(180)	1040	1132
115	3216	(200)	1122	918
120	3334	(192)	1188	725
125	3417	(154)	1237	556
130	3461	(86)	1264	415
135	3466	14	1270	304
140	3432	146	1254	224
145	3358	306	1216	175
150	3246	494	1158	156
155	3100	707	1082	167
160	2921	940	990	204
165	2715	1189	887	265
170	2486	1449	775	345
175	2239	1715	661	441
180	1980	1980	548	548

<b>MAX (kg)</b>	<b>3466</b>	<b>1980</b>	<b>2183</b>	<b>3465</b>
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)