

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 12160 mm

LIFTING LOAD 220 kg

STAGE 5

EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	258	258	2069	2069
5	133	390	1773	2360
10	19	521	1477	2637
15	(77)	647	1191	2894
20	(150)	761	921	3123
25	(195)	859	672	3319
30	(208)	936	452	3476
35	(187)	988	264	3590
40	(129)	1014	112	3659
45	(34)	1011	(0)	3679
50	99	979	(73)	3651
55	267	920	(106)	3575
60	469	834	(100)	3453
65	700	724	(57)	3288
70	956	595	20	3085
75	1231	450	125	2849
80	1519	296	255	2585
85	1814	137	402	2302
90	2108	(20)	562	2005
95	2394	(168)	727	1703
100	2664	(303)	891	1403
105	2912	(417)	1048	1113
110	3132	(506)	1191	839
115	3317	(564)	1316	587
120	3462	(588)	1417	365
125	3564	(574)	1491	175
130	3619	(521)	1535	22
135	3627	(427)	1547	(91)
140	3585	(293)	1527	(164)
145	3496	(120)	1475	(195)
150	3360	89	1393	(187)
155	3182	330	1285	(142)
160	2966	599	1153	(62)
165	2716	890	1002	47
170	2439	1197	839	180
175	2141	1513	669	333
180	1830	1830	498	498

<b>MAX (kg)</b>	<b>3627</b>	<b>1830</b>	<b>2069</b>	<b>3679</b>
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(unit:kgf)