

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 7250 mm

LIFTING LOAD 1090 kg

STAGE 2

EXTENDED OUTRIGGERS MID

$\theta$	FR	FL	RL	RR
0	640	640	3290	3290
5	569	722	2952	3617
10	512	807	2613	3928
15	476	891	2280	4213
20	465	968	1960	4466
25	484	1034	1662	4680
30	536	1084	1390	4850
35	623	1115	1149	4972
40	747	1126	945	5041
45	909	1114	780	5057
50	1107	1079	656	5019
55	1339	1022	572	4927
60	1603	944	530	4783
65	1894	849	525	4591
70	2207	740	556	4356
75	2537	621	618	4083
80	2876	497	707	3779
85	3218	375	816	3451
90	3555	259	940	3106
95	3879	155	1072	2753
100	4183	70	1206	2400
105	4460	9	1336	2055
110	4703	(24)	1455	1725
115	4907	(23)	1558	1418
120	5065	15	1641	1139
125	5174	92	1699	894
130	5232	210	1731	687
135	5235	369	1734	521
140	5185	569	1709	397
145	5081	807	1654	317
150	4925	1081	1574	279
155	4722	1387	1469	281
160	4475	1718	1345	321
165	4190	2070	1206	394
170	3874	2434	1057	494
175	3532	2805	905	618
180	3173	3173	757	757

<b>MAX (kg)</b>	<b>5235</b>	<b>3173</b>	<b>3290</b>	<b>5057</b>
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(unit:kgf)