

# MC-305C-2 OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 4000 mm  
LIFTING LOAD 1050 kg  
STAGE 4  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	694	694	2152	2152
5	694	699	2019	2280
10	700	708	1884	2401
15	715	718	1749	2510
20	740	728	1618	2607
25	776	736	1492	2689
30	824	741	1375	2754
35	885	742	1267	2800
40	958	738	1170	2826
45	1045	728	1087	2832
50	1145	714	1016	2818
55	1255	694	960	2783
60	1376	670	917	2729
65	1506	642	888	2657
70	1642	612	871	2567
75	1783	581	866	2463
80	1925	551	870	2346
85	2066	524	883	2220
90	2204	501	902	2086
95	2335	484	926	1947
100	2457	476	953	1807
105	2567	478	980	1668
110	2663	492	1005	1532
115	2742	519	1028	1404
120	2803	560	1046	1283
125	2845	615	1059	1174
130	2865	686	1065	1076
135	2864	772	1065	992
140	2841	872	1057	922
145	2797	986	1043	867
150	2733	1112	1022	826
155	2649	1249	996	799
160	2548	1395	965	785
165	2431	1546	932	784
170	2300	1701	898	793
175	2160	1857	866	811
180	2011	2011	836	836

<b>MAX (kg)</b>	<b>2865</b>	<b>2011</b>	<b>2152</b>	<b>2832</b>
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(unit:kgf)