

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 3280 mm  
LIFTING LOAD 3000 kg  
STAGE 2  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	1527	1527	3597	3597
5	1563	1499	3421	3764
10	1610	1477	3241	3919
15	1668	1461	3059	4059
20	1738	1448	2879	4182
25	1822	1437	2703	4285
30	1920	1427	2535	4364
35	2033	1417	2377	4420
40	2160	1406	2231	4450
45	2301	1394	2099	4453
50	2456	1381	1981	4430
55	2622	1366	1879	4380
60	2798	1351	1793	4305
65	2982	1337	1722	4207
70	3171	1324	1666	4086
75	3363	1314	1624	3945
80	3555	1309	1595	3788
85	3743	1310	1577	3617
90	3925	1320	1567	3435
95	4096	1339	1565	3247
100	4255	1370	1568	3054
105	4397	1414	1574	2862
110	4521	1473	1581	2672
115	4623	1547	1588	2489
120	4702	1637	1592	2315
125	4756	1744	1593	2153
130	4784	1868	1591	2004
135	4785	2008	1583	1871
140	4758	2164	1571	1754
145	4705	2333	1554	1654
150	4627	2515	1533	1572
155	4523	2706	1510	1508
160	4397	2906	1485	1460
165	4251	3109	1460	1427
170	4087	3315	1437	1408
175	3908	3519	1419	1402
180	3717	3717	1406	1406

<b>MAX (kg)</b>	<b>4785</b>	<b>3717</b>	<b>3597</b>	<b>4453</b>
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(unit:kgf)