

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 10200 mm
LIFTING LOAD 370 kg
STAGE 3
EXTENDED OUTRIGGERS MIN

θ	FR	FL	RL	RR
0	527	527	2953	2953
5	397	666	2577	3320
10	282	806	2202	3670
15	189	940	1837	3993
20	126	1061	1491	4281
25	98	1163	1173	4526
30	108	1242	889	4721
35	162	1291	645	4862
40	260	1310	446	4944
45	405	1295	295	4965
50	595	1247	193	4925
55	828	1166	142	4823
60	1102	1054	140	4664
65	1411	916	183	4450
70	1749	756	268	4187
75	2109	578	390	3883
80	2484	391	541	3543
85	2865	201	716	3178
90	3242	16	905	2796
95	3607	(157)	1102	2407
100	3951	(311)	1299	2021
105	4265	(437)	1486	1646
110	4541	(529)	1657	1291
115	4771	(582)	1805	965
120	4950	(591)	1925	675
125	5072	(551)	2011	427
130	5134	(460)	2060	226
135	5134	(319)	2070	74
140	5071	(126)	2041	(27)
145	4947	116	1972	(75)
150	4763	403	1868	(74)
155	4524	731	1730	(25)
160	4235	1093	1564	68
165	3903	1483	1375	198
170	3536	1891	1172	360
175	3142	2310	960	546
180	2730	2730	749	749

MAX (kg)	5134	2730	2953	4965
-----------------	-------------	-------------	-------------	-------------

(unit:kgf)