

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 4000 mm
LIFTING LOAD 2200 kg
STAGE 4
EXTENDED OUTRIGGERS MID

θ	FR	FL	RL	RR
0	1244	1244	3379	3379
5	1265	1232	3177	3573
10	1296	1226	2970	3755
15	1340	1224	2764	3920
20	1398	1222	2561	4065
25	1473	1221	2367	4187
30	1565	1217	2183	4282
35	1676	1209	2013	4349
40	1804	1196	1860	4386
45	1951	1179	1725	4392
50	2115	1156	1610	4367
55	2294	1128	1515	4310
60	2487	1096	1440	4224
65	2691	1061	1385	4110
70	2903	1025	1348	3970
75	3120	990	1329	3808
80	3338	959	1324	3626
85	3554	933	1332	3429
90	3762	915	1350	3221
95	3960	908	1374	3005
100	4143	914	1404	2787
105	4307	936	1434	2570
110	4449	976	1464	2358
115	4566	1035	1490	2156
120	4656	1115	1510	1966
125	4715	1217	1523	1793
130	4743	1340	1527	1637
135	4739	1485	1522	1501
140	4703	1650	1507	1387
145	4634	1835	1484	1294
150	4535	2037	1452	1224
155	4407	2253	1413	1174
160	4252	2481	1369	1145
165	4074	2716	1322	1135
170	3875	2956	1275	1140
175	3660	3196	1230	1160
180	3432	3432	1191	1191

MAX (kg)	4743	3432	3379	4392
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(unit:kgf)