

Outrigger Reaction Force Calculation

Model MC104C

Working Radius 1100 mm

Lift Load 995 Kg

Boom Stage 2 Section

Outriggers Extended Maximum

Degrees	Front Right	Front Left	Rear Left	Rear Right
0	1128	1128	1538	1538
5	1140	1117	1525	1551
10	1152	1107	1511	1562
15	1166	1098	1497	1572
20	1180	1090	1482	1580
25	1196	1084	1466	1587
30	1212	1078	1451	1592
35	1228	1073	1436	1596
40	1246	1069	1421	1597
45	1263	1066	1406	1597
50	1282	1064	1392	1596
55	1300	1063	1378	1592
60	1318	1063	1365	1587
65	1336	1064	1353	1579
70	1354	1066	1341	1571
75	1372	1070	1330	1561
80	1389	1074	1321	1549
85	1404	1080	1312	1537
90	1419	1087	1303	1523
95	1433	1095	1296	1509
100	1445	1105	1289	1493
105	1455	1116	1284	1478
110	1464	1128	1279	1462
115	1471	1141	1275	1446
120	1475	1156	1271	1430
125	1478	1171	1268	1414
130	1479	1188	1266	1399
135	1478	1206	1265	1384
140	1474	1224	1264	1370
145	1468	1243	1265	1357
150	1461	1262	1265	1344
155	1451	1282	1267	1332
160	1439	1302	1270	1321
165	1426	1322	1273	1312
170	1412	1341	1277	1303
175	1396	1360	1282	1295
180	1378	1378	1288	1288
MAX (Kg)	1479	1378	1538	1597

