

MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 11000 mm

LIFTING LOAD 460 kg

STAGE 5

EXTENDED OUTRIGGERS MAX

| θ | FR | FL | RL | RR |
|----------|------|------|------|------|
| 0 | 750 | 750 | 2786 | 2786 |
| 5 | 696 | 811 | 2548 | 3018 |
| 10 | 653 | 874 | 2308 | 3237 |
| 15 | 625 | 937 | 2072 | 3438 |
| 20 | 614 | 996 | 1846 | 3617 |
| 25 | 624 | 1046 | 1634 | 3768 |
| 30 | 657 | 1087 | 1441 | 3888 |
| 35 | 715 | 1114 | 1270 | 3973 |
| 40 | 799 | 1127 | 1125 | 4022 |
| 45 | 908 | 1124 | 1007 | 4033 |
| 50 | 1044 | 1106 | 917 | 4005 |
| 55 | 1204 | 1072 | 857 | 3940 |
| 60 | 1385 | 1024 | 824 | 3839 |
| 65 | 1587 | 963 | 819 | 3703 |
| 70 | 1804 | 893 | 839 | 3537 |
| 75 | 2032 | 816 | 881 | 3344 |
| 80 | 2268 | 735 | 941 | 3128 |
| 85 | 2506 | 654 | 1016 | 2896 |
| 90 | 2741 | 578 | 1101 | 2652 |
| 95 | 2967 | 510 | 1192 | 2403 |
| 100 | 3180 | 454 | 1285 | 2153 |
| 105 | 3375 | 414 | 1375 | 1908 |
| 110 | 3547 | 393 | 1457 | 1674 |
| 115 | 3692 | 395 | 1529 | 1456 |
| 120 | 3806 | 422 | 1586 | 1258 |
| 125 | 3886 | 475 | 1626 | 1084 |
| 130 | 3931 | 556 | 1648 | 936 |
| 135 | 3939 | 665 | 1650 | 817 |
| 140 | 3910 | 802 | 1632 | 729 |
| 145 | 3844 | 964 | 1594 | 670 |
| 150 | 3743 | 1151 | 1537 | 642 |
| 155 | 3609 | 1358 | 1464 | 641 |
| 160 | 3444 | 1583 | 1377 | 667 |
| 165 | 3254 | 1822 | 1280 | 717 |
| 170 | 3041 | 2069 | 1177 | 786 |
| 175 | 2811 | 2319 | 1071 | 871 |
| 180 | 2569 | 2569 | 967 | 967 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| MAX (kg) | 3939 | 2569 | 2786 | 4033 |
|-----------------|-------------|-------------|-------------|-------------|

(unit:kgf)