

40MTC LIFTING CAPACITY SPECIFICATIONS

| 40 MTC RATED LIFTING CAPACITIES WITH OUTRIGGERS FULLY EXTENDED AND LOWERED AND FRONT STABILIZER LOWERED | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|----------------|-----------|-------------------------|----------------|-----------|-------------------------|----------------|-----------|-------------------------|----------------|-----------|-------------------------|----------------|-----------|-------------------------|----------------|-----------|-------------------------|----------------|-----------|-------------------------|----------------|-----------|-----------------------|
| LOAD RADIUS FEET (FT) | BOOM LENGTH-30.5 FT | | | BOOM LENGTH-40 FT | | | BOOM LENGTH-50 FT | | | BOOM LENGTH-60 FT | | | BOOM LENGTH-70 FT | | | BOOM LENGTH-80 FT | | | BOOM LENGTH-90 FT | | | BOOM LENGTH-96 FT | | | LOAD RADIUS FEET (FT) |
| | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | LOADED BOOM ANGLE (DEG) | OVER REAR (LB) | 360° (LB) | |
| 9 | 62 | 80000 | 80000 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 60 | 75000 | 75000 | 68 | 52000 | 52000 | 74 | 50000 | 50000 | | | | | | | | | | | | | | | | 10 |
| 12 | 56 | 64000 | 64000 | 65 | 51000 | 51000 | 71 | 49000 | 49000 | | | | | | | | | | | | | | | | 12 |
| 15 | 49 | 53000 | 53000 | 60 | 49000 | 49000 | 68 | 46000 | 46000 | 72 | 42000 | 42000 | | | | | | | | | | | | | 15 |
| 20 | 34 | 38000 | 38000 | 51 | 38000 | 38000 | 61 | 38000 | 38000 | 67 | 36000 | 36000 | 71 | 31000 | 31000 | | | | | | | | | | 20 |
| 25 | | | | 41 | 28500 | 28500 | 53 | 28500 | 28500 | 61 | 28000 | 28000 | 67 | 26000 | 26000 | 70 | 23000 | 23000 | 73 | 20000 | 20000 | 74 | 17400 | 17400 | 25 |
| 30 | | | | 28 | 20800 | 20500 | 46 | 21000 | 20700 | 55 | 21200 | 20800 | 62 | 21000 | 20600 | 66 | 20000 | 20000 | 69 | 18000 | 18000 | 71 | 15500 | 15500 | 30 |
| 35 | | | | | | | 37 | 16300 | 15600 | 49 | 16400 | 15500 | 57 | 16500 | 15500 | 62 | 16600 | 15300 | 66 | 16500 | 15300 | 68 | 14000 | 14000 | 35 |
| 40 | | | | | | | 25 | 13000 | 12200 | 42 | 13100 | 12200 | 51 | 13200 | 12200 | 58 | 13300 | 12100 | 62 | 13000 | 11800 | 64 | 12000 | 11500 | 40 |
| 45 | | | | | | | | | | 35 | 10800 | 9800 | 46 | 10800 | 9900 | 53 | 10900 | 9800 | 58 | 11000 | 9700 | 62 | 11000 | 9600 | 45 |
| 50 | | | | | | | | | | 24 | 9000 | 8000 | 40 | 9100 | 8100 | 49 | 9100 | 8100 | 54 | 9200 | 8000 | 58 | 9300 | 8000 | 50 |
| 55 | | | | | | | | | | | | | 32 | 7600 | 6700 | 43 | 7700 | 6800 | 50 | 7700 | 6700 | 54 | 7800 | 6600 | 55 |
| 60 | | | | | | | | | | | | | 23 | 6500 | 5700 | 37 | 6500 | 5700 | 46 | 6600 | 5700 | 50 | 6700 | 5600 | 60 |
| 65 | | | | | | | | | | | | | | | | 30 | 5700 | 4900 | 41 | 5700 | 4900 | 45 | 5800 | 4800 | 65 |
| 70 | | | | | | | | | | | | | | | | 21 | 4900 | 4100 | 35 | 4800 | 4100 | 40 | 4900 | 4200 | 70 |
| 75 | | | | | | | | | | | | | | | | | | 28 | 4300 | 3500 | 35 | 4400 | 3600 | 75 | |
| 80 | | | | | | | | | | | | | | | | | | 20 | 3600 | 3000 | 29 | 3700 | 3000 | 80 | |
| 85 | | | | | | | | | | | | | | | | | | | | | 21 | 3200 | 2600 | 85 | |
| 90 | | | | | | | | | | | | | | | | | | | | | 9 | 2700 | 2100 | 90 | |

| 40 MTC RATED LIFTING CAPACITIES WITH OUTRIGGERS PINNED AT MID EXTENSION POSITION AND LOWERED AND FRONT STABILIZER LOWERED | | | | | | | | | | | | | | | | | |
|---|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-----------------------|
| LOAD RADIUS FEET (FT) | BOOM LENGTH-30.5 FT | | BOOM LENGTH-40 FT | | BOOM LENGTH-50 FT | | BOOM LENGTH-60 FT | | BOOM LENGTH-70 FT | | BOOM LENGTH-80 FT | | BOOM LENGTH-90 FT | | BOOM LENGTH-96 FT | | LOAD RADIUS FEET (FT) |
| | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | |
| 9 | 62 | 69000 | | | | | | | | | | | | | | | |
| 10 | 60 | 63000 | 68 | 52000 | 73 | 50000 | | | | | | | | | | | 10 |
| 12 | 56 | 53000 | 65 | 51000 | 70 | 49000 | | | | | | | | | | | 12 |
| 15 | 49 | 34400 | 60 | 35000 | 67 | 35500 | 71 | 35700 | | | | | | | | | 15 |
| 20 | 34 | 18600 | 51 | 19000 | 60 | 19400 | 66 | 19600 | 69 | 19800 | | | | | | | 20 |
| 25 | | | 41 | 12500 | 53 | 12900 | 60 | 13100 | 65 | 13300 | 69 | 13400 | 73 | 13400 | 74 | 13400 | 25 |
| 30 | | | 28 | 8700 | 46 | 9100 | 54 | 9200 | 60 | 9400 | 65 | 9500 | 69 | 9500 | 70 | 9500 | 30 |
| 35 | | | | | 37 | 6600 | 48 | 6700 | 55 | 6900 | 61 | 7000 | 66 | 7000 | 67 | 7000 | 35 |
| 40 | | | | | 25 | 4900 | 41 | 5000 | 50 | 5200 | 57 | 5300 | 62 | 5300 | 63 | 5300 | 40 |
| 45 | | | | | | | 34 | 3800 | 45 | 4000 | 53 | 4100 | 58 | 4100 | 61 | 4100 | 45 |
| 50 | | | | | | | 24 | 2900 | 39 | 3100 | 48 | 3200 | 54 | 3200 | 57 | 3200 | 50 |
| 55 | | | | | | | | | 31 | 2300 | 43 | 2400 | 50 | 2400 | 53 | 2400 | 55 |
| 60 | | | | | | | | | 22 | 1700 | 37 | 1800 | 46 | 1800 | 49 | 1800 | 60 |

| 40 MTC RATED LIFTING CAPACITIES WITH OUTRIGGERS FULLY RETRACTED AND LOWERED | | | | | | | | | | | | | | | | | 40 MTC RATED LIFTING CAPACITIES ON TIRES | | | |
|---|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------|------|--|------------------|----------------------|------------------------------|
| LOAD RADIUS FEET (FT) | BOOM LENGTH-30.5 FT | | BOOM LENGTH-40 FT | | BOOM LENGTH-50 FT | | BOOM LENGTH-60 FT | | BOOM LENGTH-70 FT | | BOOM LENGTH-80 FT | | BOOM LENGTH-90 FT | | BOOM LENGTH-96 FT | | LOAD RADIUS FEET (FT) | LOAD RADIUS (FT) | MAX BOOM LENGTH (FT) | BOOM STRAIGHT OVER REAR (LB) |
| | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | LOADED BOOM ANGLE (DEG) | 360° (LB) | | | | | | |
| 9 | 62 | 23300 | | | | | | | | | | | | | | | 9 | | | |
| 10 | 60 | 18900 | 68 | 18500 | 73 | 18500 | | | | | | | | | | | 10 | | | |
| 12 | 56 | 13900 | 65 | 13500 | 70 | 13500 | | | | | | | | | | | 12 | | | |
| 15 | 49 | 9400 | 60 | 9300 | 67 | 9300 | 71 | 9300 | | | | | | | | | 15 | | | |
| 20 | 34 | 5000 | 51 | 5400 | 60 | 5700 | 66 | 5900 | 69 | 6000 | | | | | | | 20 | | | |
| 25 | | | 41 | 3000 | 53 | 3300 | 60 | 3500 | 65 | 3600 | 68 | 3700 | 71 | 3800 | 72 | 3900 | 25 | | | |
| 30 | | | 28 | 1500 | 46 | 1800 | 54 | 2000 | 60 | 2100 | 64 | 2200 | 67 | 2300 | 69 | 2300 | 30 | | | |
| 35 | | | | | 37 | 800 | 48 | 900 | 55 | 1100 | 60 | 1200 | 64 | 1200 | 66 | 1300 | 35 | | | |

| 0 TO 2 1/2 MPH MAX. TRAVEL SPEED | | |
|----------------------------------|----------------------|------------------------------|
| LOAD RADIUS (FT) | MAX BOOM LENGTH (FT) | BOOM STRAIGHT OVER REAR (LB) |
| 10 | 30.5 | 12,000 |
| 12 | 30.5 | 11,000 |
| 15 | 40 | 9,500 |
| 20 | 40 | 7,500 |
| 25 | 50 | 5,000 |
| 30 | 50 | 3,500 |
| 35 | 50 | 2,500 |
| 40 | 50 | 1,600 |

TIRES MUST BE INFLATED TO 120 PSI FOR PICKING ON TIRES

RATED LIFTING CAPACITY ABOVE THE BOLD LINE IS BASED ON STRUCTURAL STRENGTH AND NOT MACHINE STABILITY. OVERLOADING THIS CRANE MAY CAUSE STRUCTURAL COLLAPSE OR UPSET.