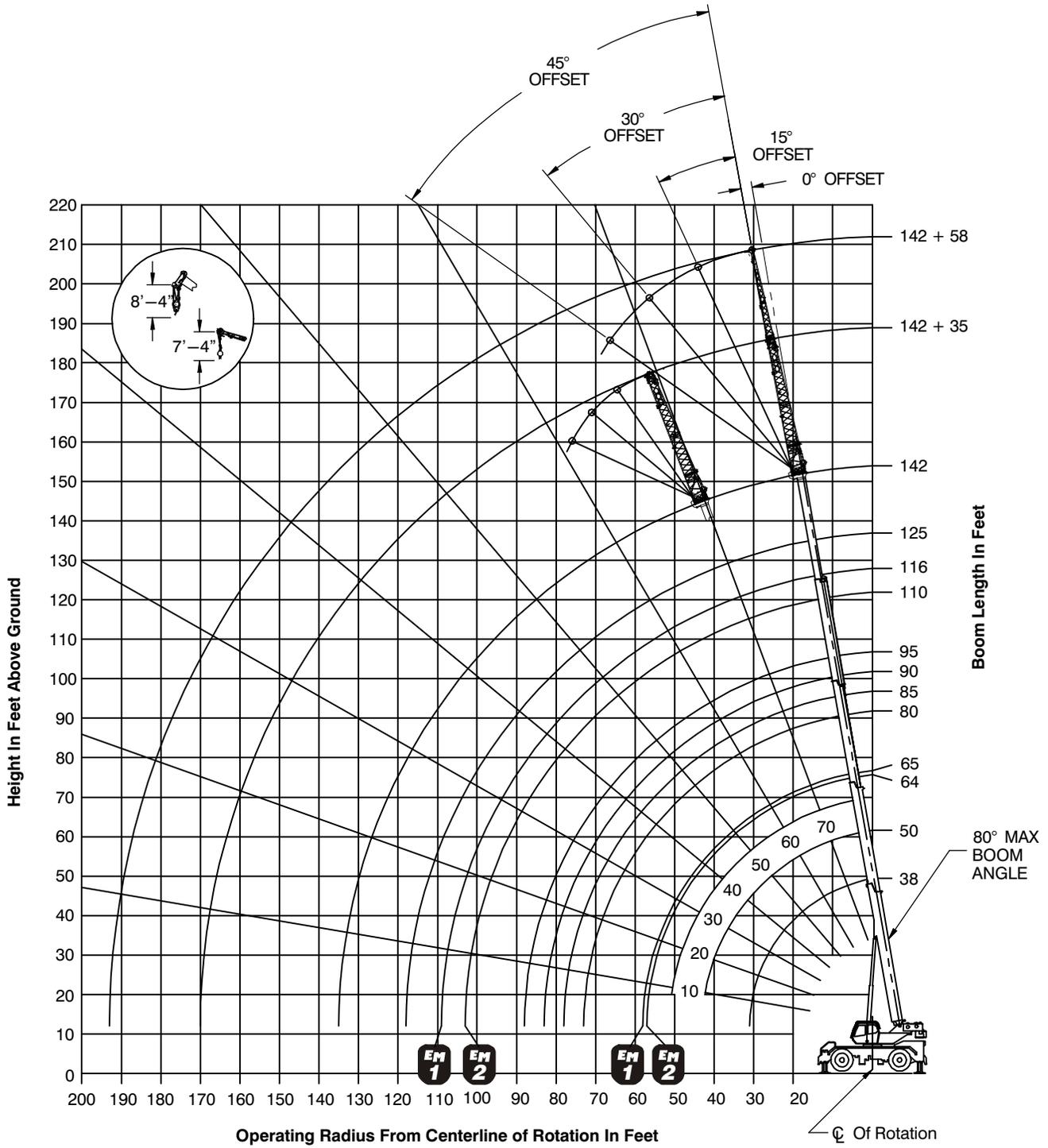
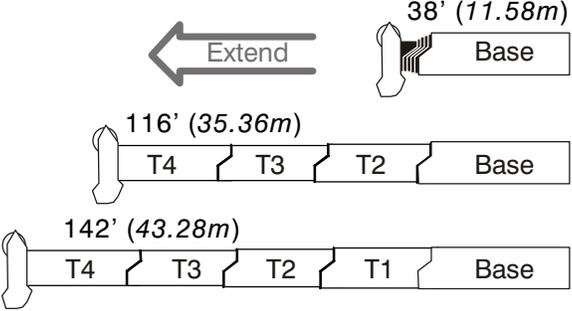
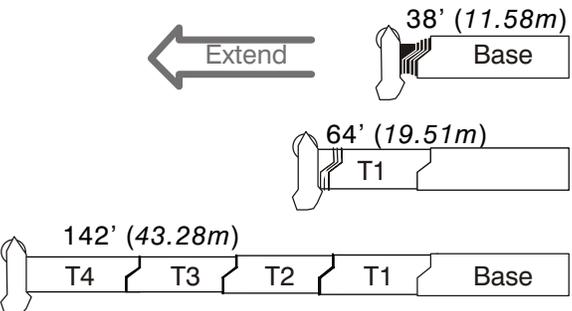


# Working Range Diagram



# Boom Extend Modes

|   | Boom Length |       | Telescope Length |      |      |      |   |  |
|---|-------------|-------|------------------|------|------|------|---|--|
|   | ft          | m     | T4               | T3   | T2   | T1   |   |  |
|   | 38          | 11.58 |                  |      |      |      |  |  |
|   | 50          | 15.24 | 15%              | 15%  | 15%  |      |   |  |
|   | 65          | 19.81 | 35%              | 35%  | 35%  |      |   |  |
|   | 80          | 24.38 | 54%              | 54%  | 54%  |      |   |  |
| * | 90          | 27.43 | 67%              | 67%  | 67%  |      |   |  |
|   | 95          | 28.96 | 73%              | 73%  | 73%  |      |   |  |
|   | 116         | 35.36 | 100%             | 100% | 100% |      |   |  |
|   | 125         | 38.10 | 100%             | 100% | 100% | 35%  |   |  |
|   | 142         | 43.28 | 100%             | 100% | 100% | 100% |   |  |
|   | Boom Length |       | Telescope Length |      |      |      |   |  |
|   | ft          | m     | T4               | T3   | T2   | T1   |   |  |
|   | 38          | 11.58 |                  |      |      |      |  |  |
|   | 50          | 15.24 |                  |      |      | 46%  |   |  |
|   | 64          | 19.51 |                  |      |      | 100% |   |  |
|   | 80          | 24.38 | 21%              | 21%  | 21%  | 100% |   |  |
| * | 85          | 25.91 | 27%              | 27%  | 27%  | 100% |   |  |
|   | 95          | 28.96 | 40%              | 40%  | 40%  | 100% |   |  |
|   | 110         | 33.53 | 59%              | 59%  | 59%  | 100% |   |  |
|   | 125         | 38.10 | 78%              | 78%  | 78%  | 100% |   |  |
|   | 142         | 43.28 | 100%             | 100% | 100% | 100% |   |  |

\* Denotes boom lengths charted with 35' or 58' fly capacities only.

# Main Boom Lift Capacity Charts – Imperial

| 19,200lb Counterweight – Fully Extended Outriggers – 360° Rotation<br>(All Capacities Are Listed In Pounds) |                  |        |        |        |        |        |        |        |        |             |
|---|------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| Radius (ft)   | Boom Length (ft) |        |        |        |        |        |        |        |        | Radius (ft) |
|   | 38               | 50     | 64/65  | 80     | 95     | 110    | 116    | 125    | 142    |             |
| 8   | 170,000*         |        |        |        |        |        |        |        |        | 8           |
| 9   | 140,000          |        |        |        |        |        |        |        |        | 9           |
| 10  | 140,000          | 96,800 | 61,000 |        |        |        |        |        |        | 10          |
| 12  | 125,300          | 96,800 | 61,000 | 45,000 |        |        |        |        |        | 12          |
| 15  | 107,700          | 96,800 | 61,000 | 45,000 |        |        |        |        |        | 15          |
| 20  | 86,500           | 85,500 | 61,000 | 45,000 | 45,000 | 40,000 |        |        |        | 20          |
| 25  | 66,500           | 65,600 | 57,600 | 45,000 | 45,000 | 40,000 | 27,400 | 28,300 |        | 25          |
| 30  | 53,100           | 52,400 | 50,000 | 43,900 | 39,600 | 36,000 | 24,300 | 28,300 | 20,200 | 30          |
| 35  |                  | 42,700 | 44,100 | 38,600 | 35,000 | 32,000 | 21,800 | 27,800 | 20,200 | 35          |
| 40  |                  | 33,300 | 34,800 | 34,200 | 31,300 | 28,700 | 19,600 | 25,500 | 20,200 | 40          |
| 45  |                  |        | 28,300 | 29,100 | 26,100 | 25,900 | 17,800 | 23,500 | 20,100 | 45          |
| 50  |                  |        | 23,500 | 24,300 | 21,400 | 22,200 | 16,200 | 21,700 | 18,600 | 50          |
| 55  |                  |        | 19,800 | 20,600 | 17,900 | 18,500 | 14,800 | 19,100 | 16,900 | 55          |
| 60  |                  |        |        | 17,600 | 16,500 | 15,800 | 13,700 | 16,200 | 15,800 | 60          |
| 65  |                  |        |        | 15,300 | 15,300 | 13,400 | 12,600 | 14,000 | 14,500 | 65          |
| 70  |                  |        |        | 13,300 | 13,800 | 11,500 | 11,700 | 12,500 | 12,500 | 70          |
| 75  |                  |        |        |        | 12,100 | 9,900  | 10,800 | 11,700 | 10,900 | 75          |
| 80  |                  |        |        |        | 10,700 | 8,500  | 10,100 | 10,500 | 9,500  | 80          |
| 85  |                  |        |        |        | 9,400  | 7,300  | 9,400  | 9,200  | 8,300  | 85          |
| 90  |                  |        |        |        |        | 6,200  | 8,800  | 8,200  | 7,200  | 90          |
| 95  |                  |        |        |        |        | 5,300  | 7,900  | 7,200  | 6,300  | 95          |
| 100   |                  |        |        |        |        | 4,400  | 7,000  | 6,400  | 5,500  | 100         |
| 105   |                  |        |        |        |        |        | 6,300  | 5,700  | 4,700  | 105         |
| 110   |                  |        |        |        |        |        |        | 5,000  | 4,100  | 110         |
| 115   |                  |        |        |        |        |        |        | 4,400  | 3,500  | 115         |
| 120   |                  |        |        |        |        |        |        |        | 2,900  | 120         |
| 125   |                  |        |        |        |        |        |        |        | 2,400  | 125         |
| 130   |                  |        |        |        |        |        |        |        | 2,000  | 130         |

\* Over Front Only

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

## Fly Attachment Lift Capacity Charts – Optional

| 19,200lb Counterweight – Fully Extended Outriggers – 360° Rotation<br>(All Capacities Are Listed In Pounds) |                         |        |        |        |                         |       |       |       |                |
|---|-------------------------|--------|--------|--------|-------------------------|-------|-------|-------|----------------|
| Radius<br>(ft)  | 142 ft Main Boom Length |        |        |        |                         |       |       |       | Radius<br>(ft) |
|   | 35 ft Manual Offset Fly |        |        |        | 58 ft Manual Offset Fly |       |       |       |                |
|   | 0°                      | 15°    | 30°    | 45°    | 0°                      | 15°   | 30°   | 45°   |                |
| 40  | 10,900                  |        |        |        |                         |       |       |       | 40             |
| 45  | 10,900                  |        |        |        | 7,200                   |       |       |       | 45             |
| 50  | 10,900                  | 11,300 |        |        | 7,200                   |       |       |       | 50             |
| 55  | 10,900                  | 11,300 |        |        | 7,200                   |       |       |       | 55             |
| 60  | 10,900                  | 11,300 | 11,400 |        | 7,200                   |       |       |       | 60             |
| 65  | 10,900                  | 11,300 | 11,200 | 10,100 | 7,200                   | 7,700 |       |       | 65             |
| 70  | 10,900                  | 11,100 | 10,800 | 10,000 | 7,200                   | 7,500 |       |       | 70             |
| 75  | 10,600                  | 10,400 | 10,100 | 9,800  | 7,200                   | 7,400 |       |       | 75             |
| 80  | 9,800                   | 9,700  | 9,500  | 9,400  | 7,200                   | 7,200 | 6,300 |       | 80             |
| 85  | 8,500                   | 9,000  | 8,900  | 8,800  | 7,200                   | 7,000 | 6,200 | 5,500 | 85             |
| 90  | 7,500                   | 8,100  | 8,300  | 8,300  | 7,200                   | 6,900 | 6,100 | 5,400 | 90             |
| 95  | 6,500                   | 7,100  | 7,700  | 7,800  | 7,100                   | 6,800 | 5,900 | 5,300 | 95             |
| 100   | 5,700                   | 6,300  | 6,700  | 7,100  | 6,300                   | 6,600 | 5,800 | 5,200 | 100            |
| 105   | 5,000                   | 5,500  | 5,900  | 6,200  | 5,500                   | 6,400 | 5,700 | 5,100 | 105            |
| 110   | 4,300                   | 4,800  | 5,100  | 5,400  | 4,800                   | 5,600 | 5,600 | 5,000 | 110            |
| 115   | 3,700                   | 4,100  | 4,500  | 4,700  | 4,200                   | 5,000 | 5,400 | 5,000 | 115            |
| 120   | 3,200                   | 3,500  | 3,800  | 4,000  | 3,700                   | 4,400 | 5,000 | 4,900 | 120            |
| 125   | 2,700                   | 3,000  | 3,300  | 3,400  | 3,200                   | 3,800 | 4,400 | 4,700 | 125            |
| 130   | 2,200                   | 2,500  | 2,800  | 2,900  | 2,700                   | 3,300 | 3,800 | 4,100 | 130            |
| 135   | 1,800                   | 2,100  | 2,300  | 2,400  | 2,300                   | 2,800 | 3,300 | 3,600 | 135            |
| 140   | 1,400                   | 1,700  | 1,800  |        | 1,900                   | 2,400 | 2,800 | 3,100 | 140            |
| 145   | 1,100                   | 1,300  | 1,400  |        | 1,500                   | 2,000 | 2,400 | 2,600 | 145            |
| 150   |                         | 900    | 1,100  |        | 1,200                   | 1,600 | 2,000 | 2,100 | 150            |
| 155   |                         |        |        |        | 900                     | 1,300 | 1,600 | 1,700 | 155            |
| 160   |                         |        |        |        |                         | 1,000 | 1,200 | 1,300 | 160            |
| 165   |                         |        |        |        |                         |       | 900   |       | 165            |

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

# Main Boom Lift Capacity Charts – On Tires – 75% – Imperial

| 19,200lb Counterweight – On Tires – Stationary – Boom Centered Over The Front<br>(All Capacities Are Listed In Pounds) |                  |        |        |        |        |             |
|--|------------------|--------|--------|--------|--------|-------------|
| Radius (ft)  | Boom Length (ft) |        |        |        |        | Radius (ft) |
|  | 38               | 50     | 64/65  | 80     | 95     |             |
| 10   | 71,000           |        |        |        |        | 10          |
| 12   | 62,600           | 46,700 |        |        |        | 12          |
| 15   | 53,000           | 46,700 | 36,500 |        |        | 15          |
| 20   | 41,700           | 43,300 | 36,500 | 23,600 |        | 20          |
| 25   | 33,700           | 35,400 | 36,500 | 23,600 |        | 25          |
| 30   | 26,300           | 28,400 | 29,700 | 23,600 | 19,300 | 30          |
| 35   |                  | 21,600 | 22,900 | 23,600 | 19,300 | 35          |
| 40   |                  | 16,900 | 18,200 | 18,900 | 19,300 | 40          |
| 45   |                  |        | 14,800 | 15,500 | 15,800 | 45          |
| 50   |                  |        | 12,100 | 12,900 | 13,300 | 50          |
| 55   |                  |        | 10,000 | 10,700 | 11,200 | 55          |
| 60   |                  |        |        | 9,000  | 9,500  | 60          |
| 65   |                  |        |        | 7,600  | 8,100  | 65          |
| 70   |                  |        |        | 6,400  | 6,900  | 70          |
| 75   |                  |        |        |        | 5,900  | 75          |
| 80   |                  |        |        |        | 5,000  | 80          |
| 85   |                  |        |        |        | 4,300  | 85          |

| 19,200lb Counterweight – On Tires – Pick & Carry (Creep) – Boom Centered Over Front<br>(All Capacities Are Listed In Pounds) |                  |        |        |        |        |             |
|--|------------------|--------|--------|--------|--------|-------------|
| Radius (ft)  | Boom Length (ft) |        |        |        |        | Radius (ft) |
|  | 38               | 50     | 64/65  | 80     | 95     |             |
| 10   | 68,400           |        |        |        |        | 10          |
| 12   | 59,900           | 46,700 |        |        |        | 12          |
| 15   | 49,900           | 46,700 | 36,500 |        |        | 15          |
| 20   | 38,200           | 39,700 | 36,500 | 23,600 |        | 20          |
| 25   | 30,100           | 31,700 | 32,700 | 23,600 |        | 25          |
| 30   | 24,100           | 25,800 | 27,000 | 23,600 | 19,300 | 30          |
| 35   |                  | 21,300 | 22,500 | 23,200 | 19,300 | 35          |
| 40   |                  | 16,900 | 18,200 | 18,900 | 19,300 | 40          |
| 45   |                  |        | 14,800 | 15,500 | 15,800 | 45          |
| 50   |                  |        | 12,100 | 12,900 | 13,300 | 50          |
| 55   |                  |        | 10,000 | 10,700 | 11,200 | 55          |
| 60   |                  |        |        | 9,000  | 9,500  | 60          |
| 65   |                  |        |        | 7,600  | 8,100  | 65          |
| 70   |                  |        |        | 6,400  | 6,900  | 70          |
| 75   |                  |        |        |        | 5,900  | 75          |
| 80   |                  |        |        |        | 5,000  | 80          |
| 85   |                  |        |        |        | 4,300  | 85          |

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

| <b>19,200lb Counterweight – On Tires – Pick &amp; Carry (2.5mph) – Boom Centered Over Front<br/>(All Capacities Are Listed In Pounds)</b> |                         |           |              |           |           |                        |
|---|-------------------------|-----------|--------------|-----------|-----------|------------------------|
| <b>Radius<br/>(ft)</b>  | <b>Boom Length (ft)</b> |           |              |           |           | <b>Radius<br/>(ft)</b> |
|   | <b>38</b>               | <b>50</b> | <b>64/65</b> | <b>80</b> | <b>95</b> |                        |
| 10  | 42,500                  |           |              |           |           | 10                     |
| 12  | 36,700                  | 37,900    |              |           |           | 12                     |
| 15  | 29,900                  | 31,300    | 32,200       |           |           | 15                     |
| 20  | 21,800                  | 23,400    | 24,500       | 23,600    |           | 20                     |
| 25  | 16,300                  | 17,900    | 19,000       | 19,700    |           | 25                     |
| 30  | 12,200                  | 14,000    | 15,100       | 15,800    | 16,200    | 30                     |
| 35  |                         | 10,900    | 12,100       | 12,800    | 13,300    | 35                     |
| 40  |                         | 8,500     | 9,700        | 10,400    | 10,900    | 40                     |
| 45  |                         |           | 7,800        | 8,500     | 9,000     | 45                     |
| 50  |                         |           | 6,200        | 6,900     | 7,400     | 50                     |
| 55  |                         |           | 4,800        | 5,600     | 6,100     | 55                     |
| 60  |                         |           |              | 4,500     | 5,000     | 60                     |
| 65  |                         |           |              | 3,500     | 4,000     | 65                     |
| 70  |                         |           |              | 2,600     | 3,100     | 70                     |
| 75  |                         |           |              |           | 2,400     | 75                     |
| 80  |                         |           |              |           | 1,700     | 80                     |
| 85  |                         |           |              |           | 1,200     | 85                     |

| <b>19,200lb Counterweight – On Tires – Stationary – 360° Rotation<br/>(All Capacities Are Listed In Pounds)</b> |                         |           |              |           |           |                        |
|---|-------------------------|-----------|--------------|-----------|-----------|------------------------|
| <b>Radius<br/>(ft)</b>  | <b>Boom Length (ft)</b> |           |              |           |           | <b>Radius<br/>(ft)</b> |
|   | <b>38</b>               | <b>50</b> | <b>64/65</b> | <b>80</b> | <b>95</b> |                        |
| 15  | 34,900                  |           |              |           |           | 15                     |
| 20  | 21,200                  | 23,200    |              |           |           | 20                     |
| 25  | 13,900                  | 15,800    |              |           |           | 25                     |
| 30  | 9,300                   | 11,100    | 12,400       |           |           | 30                     |
| 35  |                         | 8,000     | 9,200        | 9,900     |           | 35                     |
| 40  |                         | 5,600     | 6,900        | 7,600     |           | 40                     |
| 45  |                         |           | 5,100        | 5,800     | 6,200     | 45                     |
| 50  |                         |           | 3,700        | 4,400     | 4,800     | 50                     |
| 55  |                         |           | 2,600        | 3,300     | 3,700     | 55                     |
| 60  |                         |           |              | 2,300     | 2,800     | 60                     |
| 65  |                         |           |              | 1,600     | 2,000     | 65                     |
| 70  |                         |           |              |           | 1,300     | 70                     |

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

# Main Boom Lift Capacity Charts – 75% – Metric

| 8.8t Counterweight (19,200 lbs) – Fully Extended Outriggers – 360° Rotation<br>(All Capacities Are Listed In Kilograms) |                 |        |             |        |        |        |        |        |       |            |
|---|-----------------|--------|-------------|--------|--------|--------|--------|--------|-------|------------|
| Radius (m)  | Boom Length (m) |        |             |        |        |        |        |        |       | Radius (m) |
|   | 11.58           | 15.24  | 19.51–19.81 | 24.38  | 28.96  | 33.53  | 35.36  | 38.1   | 43.28 |            |
| 2.5   | 80 000*         |        |             |        |        |        |        |        |       | 2.5        |
| 3.0   | 63 500          | 43 850 | 27 650      |        |        |        |        |        |       | 3.0        |
| 3.5   | 58 400          | 43 850 | 27 650      |        |        |        |        |        |       | 3.5        |
| 4.0   | 53 550          | 43 850 | 27 650      | 20 400 |        |        |        |        |       | 4.0        |
| 4.5   | 49 400          | 43 850 | 27 650      | 20 400 |        |        |        |        |       | 4.5        |
| 5.0   | 45 800          | 43 850 | 27 650      | 20 400 | 20 400 |        |        |        |       | 5.0        |
| 6.0   | 39 800          | 39 450 | 27 650      | 20 400 | 20 400 | 18 100 |        |        |       | 6.0        |
| 7.0   | 33 350          | 32 950 | 27 650      | 20 400 | 20 400 | 18 100 |        |        |       | 7.0        |
| 8.0   | 28 450          | 28 000 | 25 150      | 20 400 | 19 850 | 17 950 | 12 050 | 12 800 |       | 8.0        |
| 9.0   | 22 450          | 21 900 | 21 450      | 20 150 | 18 200 | 16 550 | 11 150 | 12 800 | 9 150 | 9.0        |
| 10.0  |                 | 19 250 | 19 850      | 18 200 | 16 750 | 15 250 | 10 350 | 12 800 | 9 150 | 10.0       |
| 12.0  |                 | 13 750 | 14 350      | 14 600 | 13 350 | 13 200 | 9 000  | 11 700 | 9 150 | 12.0       |
| 14.0  |                 |        | 10 950      | 11 250 | 10 000 | 10 350 | 7 950  | 10 500 | 9 000 | 14.0       |
| 16.0  |                 |        | 8 600       | 8 900  | 8 450  | 8 100  | 7 050  | 8 300  | 8 100 | 16.0       |
| 18.0  |                 |        |             | 7 250  | 7 400  | 6 500  | 6 300  | 6 700  | 6 900 | 18.0       |
| 20.0  |                 |        |             | 6 000  | 6 200  | 5 250  | 5 650  | 6 050  | 5 650 | 20.0       |
| 22.0  |                 |        |             | 5 000  | 5 200  | 4 200  | 5 100  | 5 100  | 4 700 | 22.0       |
| 24.0  |                 |        |             |        | 4 400  | 3 400  | 4 550  | 4 300  | 3 850 | 24.0       |
| 26.0  |                 |        |             |        | 3 700  | 2 700  | 3 900  | 3 600  | 3 150 | 26.0       |
| 28.0  |                 |        |             |        |        | 2 100  | 2 800  | 3 050  | 2 600 | 28.0       |
| 30.0  |                 |        |             |        |        | 1 600  | 2 400  | 2 550  | 2 100 | 30.0       |
| 32.0  |                 |        |             |        |        |        |        | 2 100  | 1 700 | 32.0       |
| 34.0  |                 |        |             |        |        |        |        | 1 750  | 1 300 | 34.0       |
| 36.0  |                 |        |             |        |        |        |        |        | 1 000 | 36.0       |
| 38.0  |                 |        |             |        |        |        |        |        | 700   | 38.0       |

\* Over Front Only

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

# Fly Attachment Lift Capacity Charts – 75% Metric – Optional

| 8.8t Counterweight (19,200lbs) – Fully Extended Outriggers – 360° Rotation<br>(All Capacities Are Listed In Kilograms) |                   |       |       |       |                   |       |       |       |               |
|--|-------------------|-------|-------|-------|-------------------|-------|-------|-------|---------------|
| 43.28m Main Boom Length  |                   |       |       |       |                   |       |       |       |               |
| Radius<br>(m)  | 10.7 m Fly Length |       |       |       | 17.7 m Fly Length |       |       |       | Radius<br>(m) |
|  | 0°                | 15°   | 30°   | 45°   | 0°                | 15°   | 30°   | 45°   |               |
| 12.0   | 4 950             |       |       |       |                   |       |       |       | 12.0          |
| 14.0   | 4 950             |       |       |       | 3 300             |       |       |       | 14.0          |
| 16.0   | 4 950             | 5 150 |       |       | 3 300             |       |       |       | 16.0          |
| 18.0   | 4 950             | 5 150 | 5 200 |       | 3 300             |       |       |       | 18.0          |
| 20.0   | 4 950             | 5 150 | 5 100 | 4 600 | 3 300             | 3 450 |       |       | 20.0          |
| 22.0   | 4 800             | 4 900 | 4 750 | 4 500 | 3 300             | 3 350 |       |       | 22.0          |
| 24.0   | 3 950             | 4 350 | 4 350 | 4 300 | 3 300             | 3 300 | 2 850 |       | 24.0          |
| 26.0   | 3 250             | 3 600 | 3 900 | 3 950 | 3 300             | 3 200 | 2 800 | 2 500 | 26.0          |
| 28.0   | 2 700             | 3 000 | 3 250 | 3 400 | 2 950             | 3 100 | 2 700 | 2 450 | 28.0          |
| 30.0   | 2 200             | 2 450 | 2 700 | 2 850 | 2 450             | 2 900 | 2 650 | 2 350 | 30.0          |
| 32.0   | 1 750             | 2 000 | 2 200 | 2 350 | 2 000             | 2 400 | 2 550 | 2 300 | 32.0          |
| 34.0   | 1 400             | 1 600 | 1 800 | 1 900 | 1 650             | 2 000 | 2 300 | 2 300 | 34.0          |
| 36.0   | 1 100             | 1 250 | 1 400 | 1 500 | 1 300             | 1 650 | 1 950 | 2 150 | 36.0          |
| 38.0   | 800               | 950   | 1 100 | 1 150 | 1 050             | 1 350 | 1 600 | 1 750 | 38.0          |
| 40.0   | 550               | 700   | 800   | 850   | 800               | 1 050 | 1 300 | 1 450 | 40.0          |
| 42.0   |                   | 450   | 550   |       | 550               | 800   | 1 000 | 1 100 | 42.0          |
| 44.0   |                   |       |       |       |                   | 550   | 750   | 850   | 44.0          |
| 46.0   |                   |       |       |       |                   |       | 500   | 600   | 46.0          |

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

# Main Boom Lift Capacity Charts – On Tires – 75% – Metric

| <b>8.8t Counterweight (19,200lbs) – On Tires – Stationary – Boom Centered Over Front Between Tire Tracks</b><br>(All Capacities Are Listed In Kilograms) |                 |        |             |        |       |            |
|--|-----------------|--------|-------------|--------|-------|------------|
| Radius (m)   | Boom Length (m) |        |             |        |       | Radius (m) |
|  | 11.58           | 15.24  | 19.51–19.81 | 24.38  | 28.96 |            |
| 3.0  | 32 550          |        |             |        |       | 3.0        |
| 3.5  | 29 300          | 20 850 |             |        |       | 3.5        |
| 4.0  | 26 600          | 20 850 |             |        |       | 4.0        |
| 4.5  | 24 350          | 20 850 | 16 550      |        |       | 4.5        |
| 5.0  | 22 350          | 20 850 | 16 550      |        |       | 5.0        |
| 6.0  | 19 150          | 19 900 | 16 550      | 10 700 |       | 6.0        |
| 7.0  | 16 650          | 17 400 | 16 550      | 10 700 |       | 7.0        |
| 8.0  | 14 550          | 15 350 | 15 850      | 10 700 |       | 8.0        |
| 9.0  | 12 250          | 13 250 | 13 850      | 10 700 | 8 750 | 9.0        |
| 10.0   |                 | 11 000 | 11 600      | 10 700 | 8 750 | 10.0       |
| 12.0   |                 | 7 900  | 8 500       | 8 800  | 8 750 | 12.0       |
| 14.0   |                 |        | 6 450       | 6 800  | 7 000 | 14.0       |
| 16.0   |                 |        | 5 000       | 5 300  | 5 550 | 16.0       |
| 18.0   |                 |        |             | 4 200  | 4 450 | 18.0       |
| 20.0   |                 |        |             | 3 400  | 3 600 | 20.0       |
| 22.0   |                 |        |             | 2 700  | 2 900 | 22.0       |
| 24.0   |                 |        |             |        | 2 350 | 24.0       |
| 26.0   |                 |        |             |        | 1 900 | 26.0       |

| <b>8.8t Counterweight (19,200lbs) – On Tires – Pick &amp; Carry (Creep) Boom Centered Over Front</b><br>(All Capacities Are Listed In Kilograms) |                 |        |             |        |       |            |
|--|-----------------|--------|-------------|--------|-------|------------|
| Radius (m)   | Boom Length (m) |        |             |        |       | Radius (m) |
|  | 11.58           | 15.24  | 19.51–19.81 | 24.38  | 28.96 |            |
| 3.0  | 31 350          |        |             |        |       | 3.0        |
| 3.5  | 28 100          | 20 850 |             |        |       | 3.5        |
| 4.0  | 25 300          | 20 850 |             |        |       | 4.0        |
| 4.5  | 22 950          | 20 850 | 16 550      |        |       | 4.5        |
| 5.0  | 20 900          | 20 850 | 16 550      |        |       | 5.0        |
| 6.0  | 17 600          | 18 300 | 16 550      | 10 700 |       | 6.0        |
| 7.0  | 14 950          | 15 700 | 16 200      | 10 700 |       | 7.0        |
| 8.0  | 12 900          | 13 650 | 14 150      | 10 700 |       | 8.0        |
| 9.0  | 11 150          | 11 950 | 12 450      | 10 700 | 8 750 | 9.0        |
| 10.0   |                 | 10 500 | 11 050      | 10 700 | 8 750 | 10.0       |
| 12.0   |                 | 7 900  | 8 500       | 8 800  | 8 750 | 12.0       |
| 14.0   |                 |        | 6 450       | 6 800  | 7 000 | 14.0       |
| 16.0   |                 |        | 5 000       | 5 300  | 5 550 | 16.0       |
| 18.0   |                 |        |             | 4 200  | 4 450 | 18.0       |
| 20.0   |                 |        |             | 3 400  | 3 600 | 20.0       |
| 22.0   |                 |        |             | 2 700  | 2 900 | 22.0       |
| 24.0   |                 |        |             |        | 2 350 | 24.0       |
| 26.0   |                 |        |             |        | 1 900 | 26.0       |

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

**8.8t Counterweight (19,200lbs) – On Tires – Pick And Carry – 4 km/h (2.5mph) Boom Centered Over Front**  
 (All Capacities Are Listed In Kilograms)

| Radius (m) | Boom Length (m) |        |             |        |       | Radius (m) |
|------------|-----------------|--------|-------------|--------|-------|------------|
|            | 11.58           | 15.24  | 19.51-19.81 | 24.38  | 28.96 |            |
| 3.0        | 19 500          |        |             |        |       | 3.0        |
| 3.5        | 17 250          | 17 800 |             |        |       | 3.5        |
| 4.0        | 15 350          | 16 000 |             |        |       | 4.0        |
| 4.5        | 13 800          | 14 450 | 14 800      |        |       | 4.5        |
| 5.0        | 12 400          | 13 050 | 13 500      |        |       | 5.0        |
| 6.0        | 10 100          | 10 800 | 11 300      | 10 700 |       | 6.0        |
| 7.0        | 8 300           | 9 050  | 9 550       | 9 850  |       | 7.0        |
| 8.0        | 6 900           | 7 600  | 8 150       | 8 450  |       | 8.0        |
| 9.0        | 5 700           | 6 500  | 7 000       | 7 300  | 7 500 | 9.0        |
| 10.0       |                 | 5 500  | 6 050       | 6 350  | 6 600 | 10.0       |
| 12.0       |                 | 3 950  | 4 500       | 4 850  | 5 050 | 12.0       |
| 14.0       |                 |        | 3 350       | 3 700  | 3 950 | 14.0       |
| 16.0       |                 |        | 2 450       | 2 800  | 3 050 | 16.0       |
| 18.0       |                 |        |             | 2 100  | 2 350 | 18.0       |
| 20.0       |                 |        |             | 1 500  | 1 750 | 20.0       |
| 22.0       |                 |        |             | 1 050  | 1 250 | 22.0       |
| 24.0       |                 |        |             |        | 850   | 24.0       |
| 26.0       |                 |        |             |        | 500   | 26.0       |

**8.8t Counterweight (19,200lbs) – On Tires – Stationary – 360° Rotation**  
 (All Capacities Are Listed In Kilograms)

| Radius (m) | Boom Length (m) |        |             |       |       | Radius (m) |
|------------|-----------------|--------|-------------|-------|-------|------------|
|            | 11.58           | 15.24  | 19.51-19.81 | 24.38 | 28.96 |            |
| 4.5        | 16 250          |        |             |       |       | 4.5        |
| 5.0        | 13 600          |        |             |       |       | 5.0        |
| 6.0        | 9 900           | 10 800 |             |       |       | 6.0        |
| 7.0        | 7 450           | 8 300  |             |       |       | 7.0        |
| 8.0        | 5 700           | 6 550  |             |       |       | 8.0        |
| 9.0        | 4 400           | 5 200  | 5 800       |       |       | 9.0        |
| 10.0       |                 | 4 200  | 4 750       |       |       | 10.0       |
| 12.0       |                 | 2 650  | 3 200       | 3 550 |       | 12.0       |
| 14.0       |                 |        | 2 150       | 2 500 | 2 700 | 14.0       |
| 16.0       |                 |        | 1 400       | 1 700 | 1 900 | 16.0       |
| 18.0       |                 |        |             | 1 100 | 1 350 | 18.0       |
| 20.0       |                 |        |             | 650   | 850   | 20.0       |
| 22.0       |                 |        |             |       | 500   | 22.0       |

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

# Main Boom Lift Capacity Charts – 85% – Metric

| 8.8t Counterweight (19,200 lbs) – Fully Extended Outriggers – 360° Rotation<br>(All Capacities Are Listed In Kilograms) |                 |        |             |        |        |        |        |        |       |               |
|---|-----------------|--------|-------------|--------|--------|--------|--------|--------|-------|---------------|
| Radius<br>(m)   | Boom Length (m) |        |             |        |        |        |        |        |       | Radius<br>(m) |
|   | 11.58           | 15.24  | 19.51–19.81 | 24.38  | 28.96  | 33.53  | 35.36  | 38.1   | 43.28 |               |
| 2.5   | 80 000*         |        |             |        |        |        |        |        |       | 2.5           |
| 3.0   | 63 500          | 43 850 | 27 650      |        |        |        |        |        |       | 3.0           |
| 3.5   | 58 400          | 43 850 | 27 650      |        |        |        |        |        |       | 3.5           |
| 4.0   | 53 550          | 43 850 | 27 650      | 20 400 |        |        |        |        |       | 4.0           |
| 4.5   | 49 400          | 43 850 | 27 650      | 20 400 |        |        |        |        |       | 4.5           |
| 5.0   | 45 800          | 43 850 | 27 650      | 20 400 | 20 400 |        |        |        |       | 5.0           |
| 6.0   | 39 800          | 39 450 | 27 650      | 20 400 | 20 400 | 18 100 |        |        |       | 6.0           |
| 7.0   | 33 350          | 32 950 | 27 650      | 20 400 | 20 400 | 18 100 |        |        |       | 7.0           |
| 8.0   | 28 450          | 28 050 | 25 150      | 20 400 | 19 850 | 17 950 | 12 050 | 12 800 |       | 8.0           |
| 9.0   | 24 550          | 24 250 | 23 000      | 20 150 | 18 200 | 16 550 | 11 150 | 12 800 | 9 150 | 9.0           |
| 10.0  |                 | 20 850 | 20 500      | 18 500 | 16 750 | 15 250 | 10 350 | 12 800 | 9 150 | 10.0          |
| 12.0  |                 | 15 550 | 16 250      | 15 700 | 14 400 | 13 200 | 9 000  | 11 700 | 9 150 | 12.0          |
| 14.0  |                 |        | 12 400      | 12 750 | 11 350 | 11 500 | 7 950  | 10 500 | 9 000 | 14.0          |
| 16.0  |                 |        | 9 750       | 10 100 | 8 800  | 9 150  | 7 050  | 9 450  | 8 100 | 16.0          |
| 18.0  |                 |        |             | 8 250  | 7 600  | 7 300  | 6 300  | 7 550  | 7 250 | 18.0          |
| 20.0  |                 |        |             | 6 800  | 6 900  | 5 950  | 5 650  | 6 200  | 6 450 | 20.0          |
| 22.0  |                 |        |             | 5 650  | 5 900  | 4 850  | 5 100  | 5 500  | 5 350 | 22.0          |
| 24.0  |                 |        |             |        | 5 000  | 4 000  | 4 650  | 4 900  | 4 450 | 24.0          |
| 26.0  |                 |        |             |        | 4 250  | 3 250  | 4 250  | 4 150  | 3 700 | 26.0          |
| 28.0  |                 |        |             |        |        | 2 650  | 3 850  | 3 550  | 3 100 | 28.0          |
| 30.0  |                 |        |             |        |        | 2 100  | 3 300  | 3 000  | 2 600 | 30.0          |
| 32.0  |                 |        |             |        |        |        | 2 850  | 2 550  | 2 150 | 32.0          |
| 34.0  |                 |        |             |        |        |        |        | 2 150  | 1 750 | 34.0          |
| 36.0  |                 |        |             |        |        |        |        |        | 1 400 | 36.0          |
| 38.0  |                 |        |             |        |        |        |        |        | 1 100 | 38.0          |
| 40.0  |                 |        |             |        |        |        |        |        | 850   | 40.0          |

\* Over Front Only

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

# Fly Attachment Lift Capacity Charts – 85% Metric – Optional

| 8.8t Counterweight (19,200lbs) – Fully Extended Outriggers – 360° Rotation<br>(All Capacities Are Listed In Kilograms) |                   |       |       |       |                   |       |       |       |               |
|--|-------------------|-------|-------|-------|-------------------|-------|-------|-------|---------------|
| 43.28m Main Boom Length  |                   |       |       |       |                   |       |       |       |               |
| Radius<br>(m)  | 10.7 m Fly Length |       |       |       | 17.7 m Fly Length |       |       |       | Radius<br>(m) |
|  | 0°                | 15°   | 30°   | 45°   | 0°                | 15°   | 30°   | 45°   |               |
| 12.0   | 4 950             |       |       |       |                   |       |       |       | 12.0          |
| 14.0   | 4 950             |       |       |       | 3 300             |       |       |       | 14.0          |
| 16.0   | 4 950             | 5 150 |       |       | 3 300             |       |       |       | 16.0          |
| 18.0   | 4 950             | 5 150 | 5 200 |       | 3 300             |       |       |       | 18.0          |
| 20.0   | 4 950             | 5 150 | 5 100 | 4 600 | 3 300             | 3 450 |       |       | 20.0          |
| 22.0   | 4 950             | 4 900 | 4 750 | 4 500 | 3 300             | 3 350 |       |       | 22.0          |
| 24.0   | 4 550             | 4 450 | 4 350 | 4 300 | 3 300             | 3 300 | 2 850 |       | 24.0          |
| 26.0   | 3 850             | 4 100 | 4 000 | 3 950 | 3 300             | 3 200 | 2 800 | 2 500 | 26.0          |
| 28.0   | 3 200             | 3 500 | 3 700 | 3 650 | 3 300             | 3 100 | 2 700 | 2 450 | 28.0          |
| 30.0   | 2 700             | 2 950 | 3 150 | 3 350 | 2 950             | 3 000 | 2 650 | 2 350 | 30.0          |
| 32.0   | 2 250             | 2 500 | 2 650 | 2 800 | 2 500             | 2 900 | 2 550 | 2 300 | 32.0          |
| 34.0   | 1 850             | 2 050 | 2 250 | 2 350 | 2 100             | 2 450 | 2 500 | 2 300 | 34.0          |
| 36.0   | 1 500             | 1 700 | 1 850 | 1 950 | 1 750             | 2 100 | 2 350 | 2 250 | 36.0          |
| 38.0   | 1 200             | 1 400 | 1 500 | 1 550 | 1 450             | 1 750 | 2 000 | 2 150 | 38.0          |
| 40.0   | 950               | 1 100 | 1 200 | 1 250 | 1 200             | 1 450 | 1 650 | 1 800 | 40.0          |
| 42.0   | 700               | 850   | 900   |       | 950               | 1 150 | 1 350 | 1 500 | 42.0          |
| 44.0   | 500               | 600   | 650   |       | 700               | 950   | 1 100 | 1 20  | 44.0          |
| 46.0   |                   | 400   | 450   |       | 500               | 700   | 850   | 950   | 46.0          |
| 48.0   |                   |       |       |       |                   | 500   | 650   | 700   | 48.0          |
| 50.0   |                   |       |       |       |                   |       | 400   |       | 50.0          |

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.