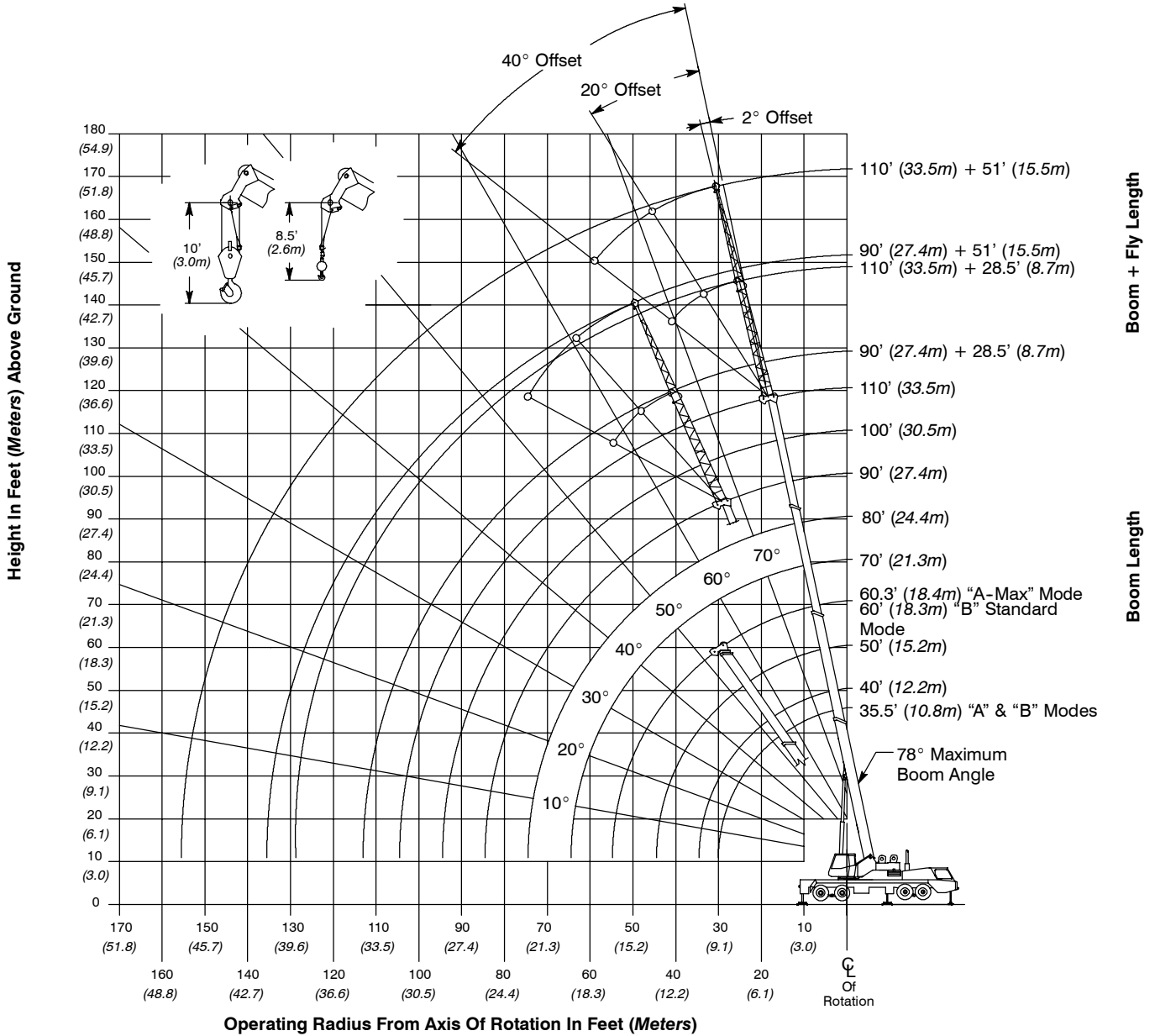




LIFTING CHARTS - Hydraulic Truck Cranes

LINK-BELT MODEL HTC-8660 II - 60 TON CAPACITY

Working Range Diagram



Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.

WARNING

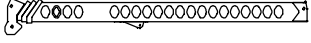
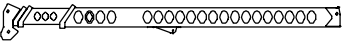
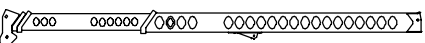
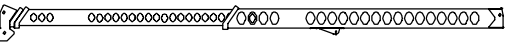
Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability As Shown In The Lift Charts For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

STERLING CRANE

Boom Extend Modes

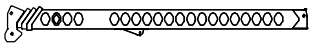
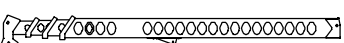
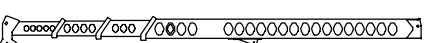
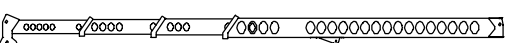
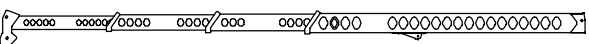
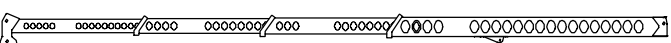
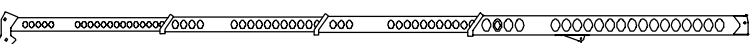
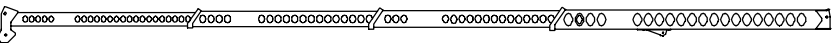
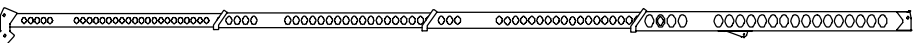
Boom Mode "A" (A-Max)

Only inner mid section telescopes

| | Boom Length ft (m) |
|---|-----------------------|
|  | 35.5 (10.8) |
|  | 40 (12.2) |
|  | 50 (15.2) |
|  | 60.3 (18.3) |
| Inner Mid Section 298" (7.57m) Stroke | Base Section |

Boom Mode "B" (Standard)

Inner mid, outer mid, and tip sections telescope simultaneously

| | Boom Length ft (m) | | |
|--|---|---|--------------|
|  | 35.5 (10.8) | | |
|  | 40 (12.2) | | |
|  | 50 (15.2) | | |
|  | 60 (18.3) | | |
|  | 70 (21.3) | | |
|  | 80 (24.4) | | |
|  | 90 (27.4) | | |
|  | 100 (30.5) | | |
|  | 110 (33.5) | | |
| Tip Section 298" (7.57m) Stroke | Outer Mid Section 298" (7.57m) Stroke | Inner Mid Section 298" (7.57m) Stroke | Base Section |

Main Boom Lift Capacity Charts – Standard

| 11,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds) | | | | | | | | | | | |
|--|------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|-----|
| Radius (ft) | Boom Length (ft) | | | | | | | | | Radius (ft) | |
| | 35.5 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | | |
| 7 | 120,000* | | | | | | | | | | 7 |
| 10 | 100,000 | 80,900 | 72,800 | | | | | | | | 10 |
| 12 | 76,000 | 73,200 | 65,800 | 50,900 | 37,900 | | | | | | 12 |
| 15 | 65,800 | 63,600 | 57,700 | 47,300 | 37,900 | 35,400 | | | | | 15 |
| 20 | 52,500 | 52,000 | 47,500 | 39,300 | 37,900 | 34,700 | 28,900 | | | | 20 |
| 25 | 40,500 | 40,300 | 40,000 | 37,900 | 37,900 | 34,300 | 28,300 | 24,000 | 19,500 | | 25 |
| 30 | | 29,600 | 30,300 | 30,600 | 30,800 | 30,400 | 24,900 | 22,600 | 19,500 | | 30 |
| 35 | | | 22,800 | 23,200 | 23,400 | 23,400 | 22,100 | 20,100 | 18,500 | | 35 |
| 40 | | | 17,700 | 18,200 | 18,400 | 18,500 | 18,600 | 18,000 | 16,500 | | 40 |
| 45 | | | | 14,600 | 14,800 | 15,000 | 15,000 | 15,100 | 14,700 | | 45 |
| 50 | | | | 11,900 | 12,200 | 12,300 | 12,400 | 12,400 | 12,500 | | 50 |
| 55 | | | | | 10,100 | 10,300 | 10,400 | 10,400 | 10,500 | | 55 |
| 60 | | | | | 8,400 | 8,600 | 8,700 | 8,800 | 8,800 | | 60 |
| 65 | | | | | | 7,200 | 7,400 | 7,400 | 7,500 | | 65 |
| 70 | | | | | | 6,000 | 6,200 | 6,300 | 6,400 | | 70 |
| 75 | | | | | | | 5,200 | 5,300 | 5,400 | | 75 |
| 80 | | | | | | | 4,400 | 4,500 | 4,600 | | 80 |
| 85 | | | | | | | | 3,800 | 3,900 | | 85 |
| 90 | | | | | | | | 3,100 | 3,200 | | 90 |
| 95 | | | | | | | | | 2,700 | | 95 |
| 100 | | | | | | | | | 2,200 | | 100 |

* Special Conditions Or Wire Rope Required

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 – Standard

| 11,500 lb Counterweight – On Tires – Stationary – Boom Centered Over Rear (All Capacities Are Listed In Pounds) | | | | | | | |
|--|------------------|--------|--------|--------|--------|--------|-------------|
| Radius (ft) | Boom Length (ft) | | | | | | Radius (ft) |
| | 35.5 | 40 | 50 | 60 | 70 | 80 | |
| 10 | 49,000 | | | | | | 10 |
| 12 | 44,800 | 37,900 | 23,100 | | | | 12 |
| 15 | 37,000 | 37,400 | 24,500 | 15,800 | | | 15 |
| 20 | 23,600 | 23,900 | 24,500 | 17,600 | | | 20 |
| 25 | 16,400 | 16,700 | 17,300 | 17,600 | 13,300 | | 25 |
| 30 | | 12,300 | 12,800 | 13,100 | 13,300 | 13,200 | 30 |
| 35 | | | 9,700 | 10,100 | 10,300 | 10,500 | 35 |
| 40 | | | 7,500 | 7,800 | 8,100 | 8,200 | 40 |
| 45 | | | | 6,200 | 6,400 | 6,500 | 45 |
| 50 | | | | 4,800 | 5,000 | 5,200 | 50 |
| 55 | | | | | 4,000 | 4,100 | 55 |
| 60 | | | | | 3,100 | 3,200 | 60 |
| 65 | | | | | | 2,500 | 65 |
| 70 | | | | | | 1,900 | 70 |

| 11,500 lb Counterweight – On Tires – Pick & Carry (1 mph) – Boom Centered Over Rear (All Capacities Are Listed In Pounds) | | | | | | | |
|--|------------------|--------|--------|--------|--------|--------|-------------|
| Radius (ft) | Boom Length (ft) | | | | | | Radius (ft) |
| | 35.5 | 40 | 50 | 60 | 70 | 80 | |
| 10 | 36,200 | | | | | | 10 |
| 12 | 32,900 | 33,100 | | | | | 12 |
| 15 | 28,800 | 29,000 | 24,000 | | | | 15 |
| 20 | 23,500 | 23,700 | 24,000 | 17,600 | | | 20 |
| 25 | 16,400 | 16,700 | 17,300 | 17,600 | 13,300 | | 25 |
| 30 | | 12,300 | 12,800 | 13,100 | 13,300 | 13,200 | 30 |
| 35 | | | 9,700 | 10,100 | 10,300 | 10,500 | 35 |
| 40 | | | 7,500 | 7,800 | 8,100 | 8,200 | 40 |
| 45 | | | | 6,200 | 6,400 | 6,500 | 45 |
| 50 | | | | 4,800 | 5,000 | 5,200 | 50 |
| 55 | | | | | 4,000 | 4,100 | 55 |
| 60 | | | | | 3,100 | 3,200 | 60 |
| 65 | | | | | | 2,500 | 65 |
| 70 | | | | | | 1,900 | 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 – Optional

| 15,100 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds) | | | | | | | | | | | |
|--|------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|-----|
| Radius (ft) | Boom Length (ft) | | | | | | | | | Radius (ft) | |
| | 35.5 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | | |
| 7 | 120,000* | | | | | | | | | | 7 |
| 10 | 100,000 | 80,900 | 72,800 | | | | | | | | 10 |
| 12 | 76,000 | 73,200 | 65,800 | 50,900 | 37,900 | | | | | | 12 |
| 15 | 65,800 | 63,600 | 57,700 | 47,300 | 37,900 | 35,400 | | | | | 15 |
| 20 | 53,400 | 52,000 | 47,500 | 39,300 | 37,900 | 34,700 | 28,900 | | | | 20 |
| 25 | 41,900 | 41,700 | 40,300 | 37,900 | 37,900 | 34,300 | 28,300 | 24,000 | 19,500 | | 25 |
| 30 | | 32,900 | 33,600 | 33,900 | 32,900 | 30,400 | 24,900 | 22,600 | 19,500 | | 30 |
| 35 | | | 25,400 | 25,800 | 25,900 | 26,100 | 22,100 | 20,100 | 18,500 | | 35 |
| 40 | | | 19,900 | 20,400 | 20,600 | 20,700 | 19,800 | 18,000 | 16,500 | | 40 |
| 45 | | | | 16,500 | 16,700 | 16,800 | 16,900 | 16,200 | 14,700 | | 45 |
| 50 | | | | 13,500 | 13,800 | 13,900 | 14,000 | 14,100 | 13,300 | | 50 |
| 55 | | | | | 11,500 | 11,700 | 11,800 | 11,800 | 11,900 | | 55 |
| 60 | | | | | 9,700 | 9,900 | 10,000 | 10,100 | 10,200 | | 60 |
| 65 | | | | | | 8,400 | 8,600 | 8,600 | 8,700 | | 65 |
| 70 | | | | | | 7,100 | 7,300 | 7,400 | 7,500 | | 70 |
| 75 | | | | | | | 6,200 | 6,300 | 6,400 | | 75 |
| 80 | | | | | | | | 5,300 | 5,400 | 5,500 | 80 |
| 85 | | | | | | | | | 4,600 | 4,700 | 85 |
| 90 | | | | | | | | | 4,000 | 4,000 | 90 |
| 95 | | | | | | | | | | 3,400 | 95 |
| 100 | | | | | | | | | | 2,900 | 100 |

* Special Conditions Or Wire Rope Required

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 – Optional

| 15,100 lb Counterweight – On Tires – Stationary – Boom Centered Over Rear (All Capacities Are Listed In Pounds) | | | | | | | |
|--|------------------|--------|--------|--------|--------|--------|-------------|
| Radius (ft) | Boom Length (ft) | | | | | | Radius (ft) |
| | 35.5 | 40 | 50 | 60 | 70 | 80 | |
| 10 | 49,000 | | | | | | 10 |
| 12 | 44,800 | 44,700 | | | | | 12 |
| 15 | 39,600 | 39,400 | 29,200 | | | | 15 |
| 20 | 26,000 | 26,300 | 26,900 | 19,500 | | | 20 |
| 25 | 18,200 | 18,600 | 19,100 | 19,500 | 14,800 | | 25 |
| 30 | | 13,800 | 14,300 | 14,600 | 14,800 | 14,200 | 30 |
| 35 | | | 11,000 | 11,300 | 11,600 | 11,700 | 35 |
| 40 | | | 8,600 | 8,900 | 9,200 | 9,300 | 40 |
| 45 | | | | 7,100 | 7,300 | 7,500 | 45 |
| 50 | | | | 5,700 | 5,900 | 6,100 | 50 |
| 55 | | | | | 4,700 | 4,900 | 55 |
| 60 | | | | | 3,800 | 4,000 | 60 |
| 65 | | | | | | 3,200 | 65 |
| 70 | | | | | | 2,500 | 70 |

| 15,100 lb Counterweight – On Tires – Pick & Carry (1 mph) – Boom Centered Over Rear (All Capacities Are Listed In Pounds) | | | | | | | |
|--|------------------|--------|--------|--------|--------|--------|-------------|
| Radius (ft) | Boom Length (ft) | | | | | | Radius (ft) |
| | 35.5 | 40 | 50 | 60 | 70 | 80 | |
| 10 | 36,200 | | | | | | 10 |
| 12 | 32,900 | 33,100 | | | | | 12 |
| 15 | 28,800 | 29,000 | 29,200 | | | | 15 |
| 20 | 23,500 | 23,700 | 24,000 | 19,500 | | | 20 |
| 25 | 18,200 | 18,600 | 19,100 | 19,500 | 14,800 | | 25 |
| 30 | | 13,800 | 14,300 | 14,600 | 14,800 | 14,200 | 30 |
| 35 | | | 11,000 | 11,300 | 11,600 | 11,700 | 35 |
| 40 | | | 8,600 | 8,900 | 9,200 | 9,300 | 40 |
| 45 | | | | 7,100 | 7,300 | 7,500 | 45 |
| 50 | | | | 5,700 | 5,900 | 6,100 | 50 |
| 55 | | | | | 4,700 | 4,900 | 55 |
| 60 | | | | | 3,800 | 4,000 | 60 |
| 65 | | | | | | 3,200 | 65 |
| 70 | | | | | | 2,500 | 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.