SPECIFICATION INFORMATION

Crane Rating (with Boost): 44,840 ft-lb (6.2 tm)*

7621 Boom Length: 11' (3.35 m) from CL of Crane
7630 Boom Length: 13' 4" (4.06 m) from CL of Crane

7621 Boom Extension:
- 1st Stage: Hydraulic 60" (152.4 cm)
- 2nd Stage: Hydraulic 60" (152.4 cm)

7630 Boom Extension:
- 1st Stage: Hydraulic 100" (254 cm)
- 2nd Stage: Hydraulic 100" (254 cm)

7621 Max. Reach: 21' (6.40 m) from CL of Crane
7630 Max. Reach: 30' (9.68 m) from CL of Crane

7621 Max. Vertical Lift: 23' (7.01 m)
7630 Max. Vertical Lift: 31' 9" (9.68 m)

Boom Elevation: -10˚ to +80˚

Stowed Height: 37.75" (82.6 cm) (crane only)

Mounting Space Required: 20" x 21" (50.8 x 53.3 cm)

Approximate Crane Weight:
- 7621: 1,885 lbs (855 kg)
- 7630: 2,100 lbs (953 kg)

Controls:
- Stellar® CDTplus™ radio control standard for all functions

Winch
- Rope Diameter: 3/8" (0.95 cm)
- Line Pull Speed: 60 ft/min (18.29 m)
- Max. Single Part Line: 3750 lbs (1700 kg)
- Max. Double Part Line: 7500 lbs (3402 kg)

Rotation:
- 400˚ power (worm gear)

7621 Lifting Capacities:
- 7500 lbs @ 5'10" (3400 kg @ 1.78 m)**
- 2135 lbs @ 21' (665 kg @ 6.40 m)**

7630 Lifting Capacities:
- 7500 lbs @ 5'10" (3400 kg @ 1.78 m)**
- 1490 lbs @ 30' (675 kg @ 9.14 m)**

Power Supply Required:
- PTO & Pump 8 gpm @ 3000 psi (30.31 lpm @ 207 bars)

Min. Rec. Chassis (GVRW): 19,000***

NOTE: All Stellar cranes meet ANSI B30.5 and OSHA 1910.180 specifications. Specifications subject to change without notification.

*Crane rating in Boost Mode. Normal crane rating is 38,000 ft-lbs (5.25 ton-m)
**Maximum capacities in Boost Mode.
***Guideline for Stellar® TMAX™ package with curbside rear crane.
Consult with Stellar for other installations.

DEFINING CHARACTERISTICS

Stellar® CDTplus™ (Crane Dynamics Technology Plus™)
The Stellar CDTplus control system is EXCLUSIVE TO STELLAR and features a NEW handheld transmitter with an over-molded rubber bumper system to maximize durability while keeping it lightweight. The new LCD display features operator feedback including real time load capacity, maximum distance with the current load, boom angle, and percentage of load. The boost feature allows a momentary increase in the capacity of the crane, and a Safe Mode to keep the crane and operator safe should a load indicating device fail to operate correctly. The new Stellar CDTplus remote handle features a rechargeable battery and an in-cab docking and recharging station.

Full Hydraulic Extension
The Stellar CDTplus series offers cranes in either 21' or 30' of all hydraulic reach. No manual extensions.

Market Leading Boom Articulation
The Stellar CDTplus cranes offer -10 degrees to +80 degree. This gives the operator both easy reach to snatch block stowing and the best ability to load items into the load bed.

Quick Release Snatch Block Stow
The Stellar quick release snatch block stow is installed on the underside of the boom to easily stow your snatch block after use. Plus, its unique design gently releases the snatch block for use when the boom is raised at close to 60 degrees to ensure a safe and orderly deployment.

On-Demand Speed Control
The Stellar exclusive on-demand speed control ramps engine RPM up only when the crane is being used. When the crane is not used for 5 seconds engine RPM returns to idle. This lowers fuel consumption and reduces noise pollution in the work area.

Maximum Foot-Pound Rating
The Stellar CDTplus series cranes offers robust ft. lb. ratings during standard mode and increases that by 18% during “Boost” mode to help you get maximum lift when you need it most.

Planetary Winch
The planetary winch on every crane manufactured by Stellar was designed to match the capacity and hydraulic control system. It lifts the maximum crane load and offers the smoothest and fastest speeds in the market today to help keep your productivity at maximum levels.

400 Degree Enclosed Rotation
Stellar uses a durable enclosed rotation system with a cast iron base and an internal mechanical stop to provide the most durable rotation system found in the industry.

Greaseable Pivot Bushings
Each pivot pin location on the CDTplus series crane includes bushings and grease zerks to provide for years of use.

Hexagonal Booms
Stellar Industries made the hexagonal boom design famous in the telescopic service crane market. The hexagonal boom design is optimized to deliver dramatically less boom flex and side to side movement than other boom designs on the market.

Flip Sheave with Bar Style Anti-Two Block
The Stellar CDTplus series is available standard with our patent pending flip sheave with a bar style ATB. The flip sheave allows for a shorter horse head profile which allows for boom placement in tight quarters, such as an equipment cab.
**7621 CAPACITY CHART**

- **Reach in Feet/Meters**
  - **Capacity in Pounds/Kilograms**
  - **Boost** (if Equipped)
  - **Standard**

**7630 CAPACITY CHART**

- **Reach in Feet/Meters**
  - **Capacity in Pounds/Kilograms**
  - **Boost** (if Equipped)
  - **Standard**

**7621 Dimensions**

- **Stowed Height (Crane Only):** 0.98m
- **Approximate Crane Weight:** 7621 lbs (3450 kg)

**7630 Dimensions**

- **Stowed Height (Crane Only):** 0.98m
- **Approximate Crane Weight:** 7630 lbs (3400 kg)

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**Weight of load handling devices are part of the load lifted and must be deducted from the capacity.**

- **Maximum 1-part line capacity is 3750 lbs. (1700 kg). For greater loads, use 2-part line.**

**Weight of load handling devices are part of the load lifted and must be deducted from the capacity.**

- **Maximum 1-part line capacity is 3750 lbs. (1700 kg). For greater loads, use 2-part line.**

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**CG 38.57in**

- **Capacity in Pounds/Kilograms**
  - **1st Stage:**
    - 700 lbs 3185 kg
    - 2200 lbs 1000 kg
    - 3400 lbs 1545 kg
  - **2nd Stage:**
    - 700 lbs 3185 kg
    - 2200 lbs 1000 kg
    - 3400 lbs 1545 kg

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**Winch Specifications**

- **Max. Single Part Line:** 4080 kgs 7500 lbs
- **Max. Double Part Line:** 7500 lbs 3400 kg
- **Max. Single Part Line:** 4080 kgs 7500 lbs
- **Max. Double Part Line:** 7500 lbs 3400 kg

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**Models 9621 and 7630 Crane**

- **Required Mounting Space:**
  - **Length:** 12.18m (40 ft)
  - **Height:** 3.35m (11 ft)
  - **Width:** 2.74m (9 ft)

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**Controls**

- **Boom Elevation:**
  - **1st Stage:**
    - 9º
    - 15º
  - **2nd Stage:**
    - 12º
    - 24º

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**Power Supply**

- **Wire Rope:**
  - **1st Stage:**
    - 2375 lbs 1070 kg
    - 3455 lbs 1565 kg
  - **2nd Stage:**
    - 2375 lbs 1070 kg
    - 3455 lbs 1565 kg

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**Lifting Capacity**

- **Model 9621 Crane:**
  - **Model 7630 Crane:**
    - 3400 kg 9000#
    - 4080 kgs 7500 lbs

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**Boost (if Equipped)**

- **Standard**
  - **1st Stage:**
    - 2215 kg 4890 lbs
    - 3435 lbs 1695 kg
  - **2nd Stage:**
    - 2215 kg 4890 lbs
    - 3435 lbs 1695 kg

---

**CG 38.57in**

- **Weight of load handling devices are part of the load lifted and must be deducted from the capacity.**

---

**Model 9621 Crane**

- **Required Mounting Space:**
  - **Length:** 12.18m (40 ft)
  - **Height:** 3.35m (11 ft)
  - **Width:** 2.74m (9 ft)

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**Model 7630 Crane**

- **Required Mounting Space:**
  - **Length:** 13.48m (44 ft)
  - **Height:** 4.54m (15 ft)
  - **Width:** 3.91m (13 ft)

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**Capacity in Feet/Meters**

- **Reach in Feet/Meters**
  - **Capacity in Pounds/Kilograms**
  - **Boost** (if Equipped)
  - **Standard**

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**Dimensions**

- **CG 38.57in**
  - **Capacity in Pounds/Kilograms**
    - **1st Stage:**
      - 2215 kg 4890 lbs
      - 3435 lbs 1695 kg
    - **2nd Stage:**
      - 2215 kg 4890 lbs
      - 3435 lbs 1695 kg

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**Specifications Sheet**

- **Models 9621 and 7630 Crane**
  - **Required Mounting Space:**
    - **Length:** 12.18m (40 ft)
    - **Height:** 3.35m (11 ft)
    - **Width:** 2.74m (9 ft)

---

**CG 38.57in**

- **Capacity in Pounds/Kilograms**
  - **1st Stage:**
    - 2215 kg 4890 lbs
    - 3435 lbs 1695 kg
  - **2nd Stage:**
    - 2215 kg 4890 lbs
    - 3435 lbs 1695 kg

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**Controls**

- **Boom Elevation:**
  - **1st Stage:**
    - 9º
    - 15º
  - **2nd Stage:**
    - 12º
    - 24º

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**Power Supply**

- **Wire Rope:**
  - **1st Stage:**
    - 2375 lbs 1070 kg
    - 3455 lbs 1565 kg
  - **2nd Stage:**
    - 2375 lbs 1070 kg
    - 3455 lbs 1565 kg

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**Lifting Capacity**

- **Model 9621 Crane:**
  - **Model 7630 Crane:**
    - 3400 kg 9000#
    - 4080 kgs 7500 lbs

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**Boost (if Equipped)**

- **Standard**
  - **1st Stage:**
    - 2215 kg 4890 lbs
    - 3435 lbs 1695 kg
  - **2nd Stage:**
    - 2215 kg 4890 lbs
    - 3435 lbs 1695 kg

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**Model 9621 Crane**

- **Required Mounting Space:**
  - **Length:** 12.18m (40 ft)
  - **Height:** 3.35m (11 ft)
  - **Width:** 2.74m (9 ft)

---

**Model 7630 Crane**

- **Required Mounting Space:**
  - **Length:** 13.48m (44 ft)
  - **Height:** 4.54m (15 ft)
  - **Width:** 3.91m (13 ft)

---

**Dimensions**

- **CG 38.57in**
  - **Capacity in Pounds/Kilograms**
    - **1st Stage:**
      - 2215 kg 4890 lbs
      - 3435 lbs 1695 kg
    - **2nd Stage:**
      - 2215 kg 4890 lbs
      - 3435 lbs 1695 kg

---

**Specifications Sheet**

- **Models 9621 and 7630 Crane**
  - **Required Mounting Space:**
    - **Length:** 12.18m (40 ft)
    - **Height:** 3.35m (11 ft)
    - **Width:** 2.74m (9 ft)
NEW TMAX Service Bodies

**TMAX1™ Service Body**
**Applicable Chassis:** 16,000 – 19,500 GVWR (19.5 tire size)

**Compatible Crane Models:**
- 3315
- 4421
- 5521
- 7621
- 7630

**Cab to Axle:** 84" (213.36 cm)
**Body Length Nominal:** 133" (337.82 cm)
**Body Height:** 44" (111.76 cm)
**Body Width:** 94" (238.76 cm)
**Compartment Depth:** 22" (55.88 cm)
**Floor Width:** 50" (127 cm)
**Net Weight:** 3220 lbs (1460.37 kg)

**TMAX2™ Service Body**
**Applicable Chassis:** Above 19,500 GVWR (22.5 tire size)

**Compatible Crane Models:**
- 7621
- 7630
- 9621
- 9630
- 10621
- 10630

**Cab to Axle:** 84" (213.36 cm)
**Body Length Nominal:** 133" (337.82 cm)
**Body Height:** 52" (132.08 cm)
**Body Width:** 94" (238.76 cm)
**Compartment Depth:** 22" (55.88 cm)
**Floor Width:** 50" (127 cm)
**Net Weight:** 3600 lbs (1632.93 kg)

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Your local distributor: