



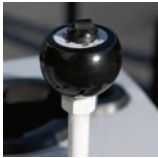
## Our Best Features

Elliott leads the industry with the range of equipment on its BoomTrucks. Features that improve efficiency, safety, control and performance – to save you time and money.



### **SUPERLINK OUTRIGGERS™**

Reduce outrigger footprint, so you can easily position your equipment and work in restricted and confined areas.



### **THUMB THROTTLE™**

A dramatic improvement over the foot pedal, offering greater control, less fatigue and improved safety - especially in foul weather when you need to keep both feet on the floor.



### **DYNASMOOTH CONTROL VALVE™**

No jerks, bumps or jogs with this feature that allows the smoothest movements, with maximum control.



### **RADIO REMOTE™**

With a wide variety of configurations, this rugged weatherproof transmitter features up to 16 proportional functions, 15 digital functions and two-way radio frequency communication.



### **LOAD MOMENT INDICATOR™**

The all-weather housing, compact design and plug-and-play capabilities ensure ease of use.

## Built To Fit

Connect with an Elliott engineer to design a machine to your exact specifications. Our complimentary Built to Fit program makes it possible – improving productivity on the jobsite, eliminating the expense of renting or purchasing additional equipment and allowing you to recover the cost of your investment more quickly.



**BoomTruck™**  
TRUCK-MOUNTED CRANE

**ELLIOTT**  
EQUIPMENT COMPANY

**DoMore.**

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**BoomTruck™**  
TRUCK-MOUNTED CRANE

MODEL 1800 SPECIFICATIONS





## Model 1800. Any job. Anywhere.

What will you be working on today? Materials lifting? Line and cable maintenance? Installing signage? Inspecting and maintaining track? Whatever you’re doing, you’ll get the job done faster and easier with Elliott’s Model 1800.

Our most popular configuration, the 1800 is also the most affordable with an industry-leading 18-ton capacity mounted on a single-axle chassis. In fact, the 1800 allows you to do so much more, that most of our customers actually own more than one. Not surprising when you consider that the Elliott BoomTruck is truly the workhorse of our line up, with standard features that include:

| STANDARD FEATURES                                       |                                            |
|---------------------------------------------------------|--------------------------------------------|
| - LMI Load Moment Indicator                             | - 372° non-continuous rotation             |
| - Rear bumper underride protection                      | - Proportional boom extension              |
| - Internal Boom Hard Wire Anti-Two Block                | - Cup holder at control console            |
| - Backup Alarm                                          | - 12V power outlet at control console      |
| - 1-year parts and labor and 5-year structural warranty | - One hard copy and one CD operator manual |
| OPTIONS                                                 |                                            |
| - Steel and wood beds                                   | - Steel gravity-leveled two man basket     |
| - 1-piece and 2-piece jibs                              | - Radio remote controls                    |
| - Front stabilizer                                      | - Toolboxes                                |
| - Superlink "short jack" option for main outriggers     | - Hydraulic Oil cooler                     |
| - Rotation resistant wire rope                          | - Continuous rotation                      |
| - Boom mounted hose reel                                | - Burst of speed winch                     |
| - Hydraulic tool circuit                                | - 24" bulkhead                             |
| - Line blocks                                           |                                            |

## Specifications

|                        | 1838F            | 1860F            | 1870F            | 1870CP      | 1881 TM          | 18125R              |
|------------------------|------------------|------------------|------------------|-------------|------------------|---------------------|
| PERFORMANCE            |                  |                  |                  |             |                  |                     |
| Lifting Capacity       | 36,000 lbs.      | 36,000 lbs.      | 36,000 lbs.      | 36,000 lbs. | 36,000 lbs.      | 36,000 lbs.         |
| Crane Weight           | 13,540 lbs.      | 14,845 lbs.      | 15,615 lbs.      | 16,235 lbs. | 16,420 lbs.      | 27,500 lbs.         |
| Jib Lengths            | NA               | 20'              | 23', 40'         | 23', 40'    | NA               | NA                  |
| Maximum Vertical Reach | 48'              | 70'              | 120'             | 120'        | 91'              | 137'                |
| Operator controls      | Dualside standup | Dualside standup | Dualside standup | Open seated | Dualside standup | Single-side standup |

| WINCH                  |             |             |             |             |             |             |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Speed                  | 1           | 1           | 1           | 1           | 1           | 2           |
| Winch Type             | Planetary   | Planetary   | Planetary   | Planetary   | Planetary   | Planetary   |
| Bare Drum Pull         | 12,800 lbs. | 12,800 lbs. | 12,800 lbs. | 12,800 lbs. | 12,800 lbs. | 12,800 lbs. |
| Single Line Pull       | 9,600 lbs.  | 9,600 lbs.  | 9,600 lbs.  | 9,600 lbs.  | 9,600 lbs.  | 9,060 lbs.  |
| Line Speed (3rd layer) | 166 fpm     | 166 fpm     | 166 fpm     | 166 fpm     | 166 fpm     | 212 fpm     |
| Wire Rope Length       | 275'        | 275'        | 275'        | 275'        | 275'        | 425'        |
| Wire Rope Size         | 9/16"       | 9/16"       | 9/16"       | 9/16"       | 9/16"       | 9/16"       |
| Breaking Strength      | 33,600 lbs. | 33,600 lbs. | 33,600 lbs. | 33,600 lbs. | 33,600 lbs. | 45,400 lbs. |

| OPERATING SPEED     |         |         |         |         |         |         |
|---------------------|---------|---------|---------|---------|---------|---------|
| Swing Rotation      | 38 sec. | 38 sec. | 38 sec. | 38 sec. | 38 sec. | 41 sec. |
| Boom Up/Down        | 18/14   | 18/14   | 18/14   | 18/14   | 18/14   | 36/35   |
| Boom Extend/Retract | 30/30   | 45/45   | 55/55   | 55/55   | 70/70   | 80/80   |

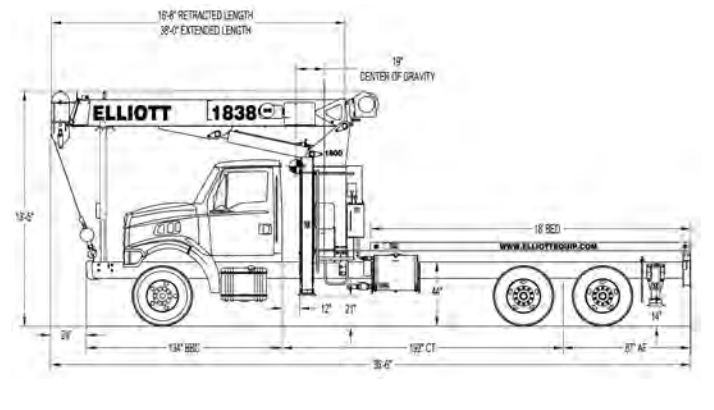
| HYDRAULICS        |            |            |            |            |            |             |
|-------------------|------------|------------|------------|------------|------------|-------------|
| Pump Sections     | 3          | 3          | 3          | 3          | 3          | 1           |
| Pump Type         | Gear       | Gear       | Gear       | Gear       | Gear       | Piston      |
| Gallon per Minute | 39/23/9    | 39/23/9    | 39/23/9    | 39/23/9    | 39/23/9    | 50          |
| Reservoir         | 70 gallons | 70 gallons | 70 gallons | 70 gallons | 70 gallons | 143 gallons |

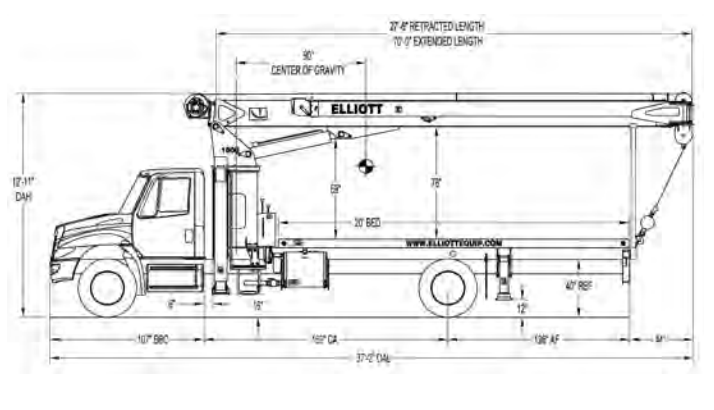
| OUTRIGGERS              |          |          |          |              |          |          |
|-------------------------|----------|----------|----------|--------------|----------|----------|
| Front type              | "A" LINK | "A" LINK | "A" LINK | OUT-DOWN     | "A" LINK | OUT-DOWN |
| Front Spread            | 20"-10"  | 20"-10"  | 20"-10"  | 17'-6"       | 20"- 10" | 20'      |
| Rear type               | "A" STAB | "A" STAB | "A" STAB | OUT-DOWN     | "A" STAB | OUT-DOWN |
| Rear Spread             | 10'-4"   | 10'-4"   | 10'-4"   | 17'-6"       | 10'-4"   | 20'      |
| Front Bumper Stabilizer | Optional | Optional | Optional | Not required | Required | Required |

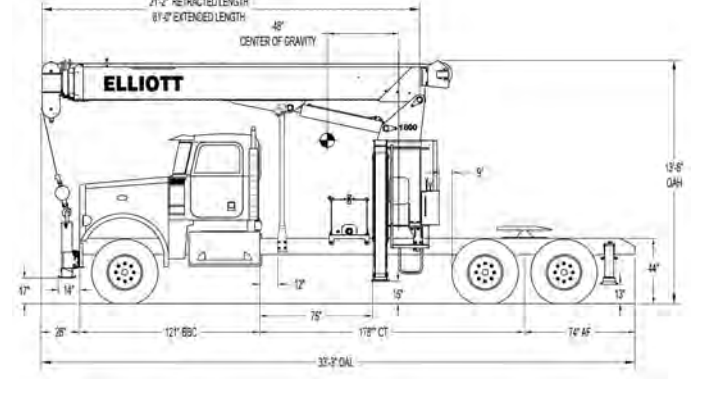
Crane weights include crane turret, boom, sub base, main outriggers, rear stabilizers, boom rest, and reservoir (w/ oil). Specifications subject to change.

All designs conform to ANSI B30.5, Welding conforms to AWS D1.1. All testing will conform to SAE 1063 and SAE 765 specifications.

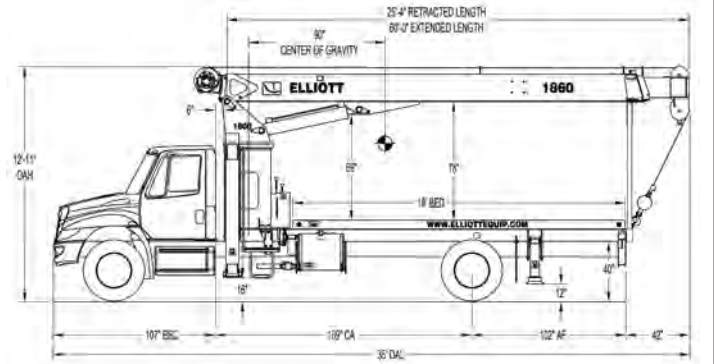
## Chassis Specifications

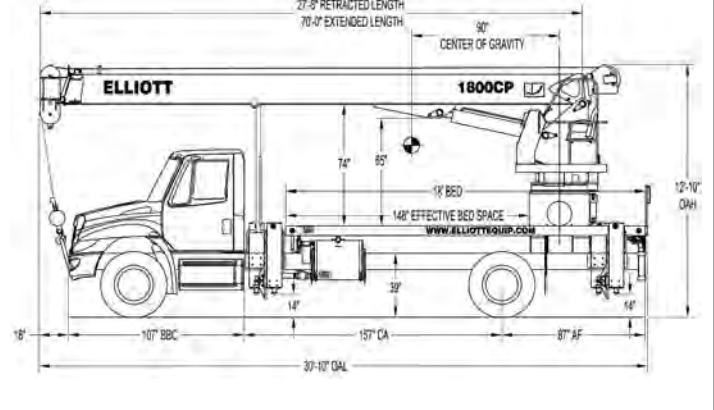
| 1838F                                                                               |             |                       |                |
|-------------------------------------------------------------------------------------|-------------|-----------------------|----------------|
|  |             |                       |                |
| Wheelbase (WB)                                                                      | 256"        | GVWRF                 | 20,000 lbs.    |
| Cab-To-Axle (CA/CT)                                                                 | 192"        | GVWRR                 | 40,000 lbs.    |
| Afterframe (AF)                                                                     | 90"         | Frame Section Modulus | 13.3 @ 110,000 |
| GVWR                                                                                | 60,000 lbs. | Approximate Payload   | 18,500 lbs.    |

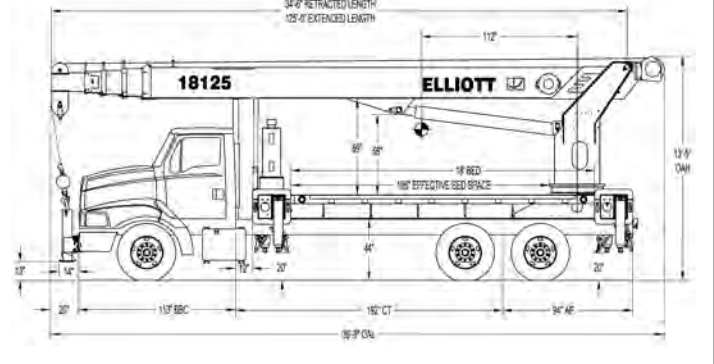
| 1870F                                                                                |             |                       |                |
|--------------------------------------------------------------------------------------|-------------|-----------------------|----------------|
|  |             |                       |                |
| Wheelbase (WB)                                                                       | 236"        | GVWRF                 | 12,000 lbs.    |
| Cab-To-Axle (CA/CT)                                                                  | 169"        | GVWRR                 | 21,000 lbs.    |
| Afterframe (AF)                                                                      | 126"        | Frame Section Modulus | 13.3 @ 110,000 |
| GVWR                                                                                 | 33,000 lbs. | Approximate Payload   | 1,700 lbs.     |

| 1881TM                                                                                |             |                       |                |
|---------------------------------------------------------------------------------------|-------------|-----------------------|----------------|
|  |             |                       |                |
| Wheelbase (WB)                                                                        | 268"        | GVWRF                 | 20,000 lbs.    |
| Cab-To-Axle (CA/CT)                                                                   | 178"        | GVWRR                 | 40,000 lbs.    |
| Afterframe (AF)                                                                       | 75"         | Frame Section Modulus | 30.0 @ 110,000 |
| GVWR                                                                                  | 60,000 lbs. | Approximate Payload   | NA             |

Elliott BoomTruck specifications subject to change.

| 1860F                                                                               |             |                       |                |
|-------------------------------------------------------------------------------------|-------------|-----------------------|----------------|
|  |             |                       |                |
| Wheelbase (WB)                                                                      | 236"        | GVWRF                 | 12,000 lbs.    |
| Cab-To-Axle (CA/CT)                                                                 | 169"        | GVWRR                 | 21,000 lbs.    |
| Afterframe (AF)                                                                     | 102"        | Frame Section Modulus | 13.3 @ 110,000 |
| GVWR                                                                                | 33,000 lbs. | Approximate Payload   | 2,400 lbs.     |

| 1870CP                                                                               |             |                       |                |
|--------------------------------------------------------------------------------------|-------------|-----------------------|----------------|
|  |             |                       |                |
| Wheelbase (WB)                                                                       | 224"        | GVWRF                 | 12,000 lbs.    |
| Cab-To-Axle (CA/CT)                                                                  | 157"        | GVWRR                 | 21,000 lbs.    |
| Afterframe (AF)                                                                      | 90"         | Frame Section Modulus | 13.3 @ 110,000 |
| GVWR                                                                                 | 33,000 lbs. | Approximate Payload   | 1,400 lbs.     |

| 18125R                                                                                |             |                       |                |
|---------------------------------------------------------------------------------------|-------------|-----------------------|----------------|
|  |             |                       |                |
| Wheelbase (WB)                                                                        | 256"        | GVWRF                 | 20,000 lbs.    |
| Cab-To-Axle (CA/CT)                                                                   | 192"        | GVWRR                 | 40,000 lbs.    |
| Afterframe (AF)                                                                       | 94"         | Frame Section Modulus | 30.0 @ 110,000 |
| GVWR                                                                                  | 60,000 lbs. | Approximate Payload   | 7,000 lbs.     |