

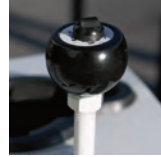
Our Best Features

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



ELLIOTT
EQUIPMENT COMPANY

DoMore

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
Winch Type	Planetary
Bare Drum Pull	12,800 lbs.
Single Line Pull	9,600 lbs.
Line Speed (3rd layer)	166 fpm
Wire Rope Length	275'
Wire Rope Size	9/16"
Breaking Strength	33,600 lbs.

OPERATING SPEED	
Swing Rotation	38 sec.
Boom Up/Down	18/14
Boom Extend/Retract	30/30

HYDRAULICS	
Pump Sections	3
Pump Type	Gear
Gallon per Minute	39/23/9
Reservoir	70 gallons

OUTRIGGERS	
Front type	"A" LINK
Front Spread	20'-10"
Rear type	"A" STAB
Rear Spread	10'-4"
Front Bumper Stabilizer	Optional

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.

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.

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.

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.

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

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.

Elliott BoomTruck specifications subject to change.