



TRANSPORTATION SPECS - Boom Trucks

TEREX MODEL 60100 - 30 TON CAPACITY

COMPONENT WEIGHTS

	<u>LBS.</u>	<u>KGS.</u>
Complete Crane & Truck (Unit 30-7-1580)	54,000	24 495

ADDITIONAL INFORMATION

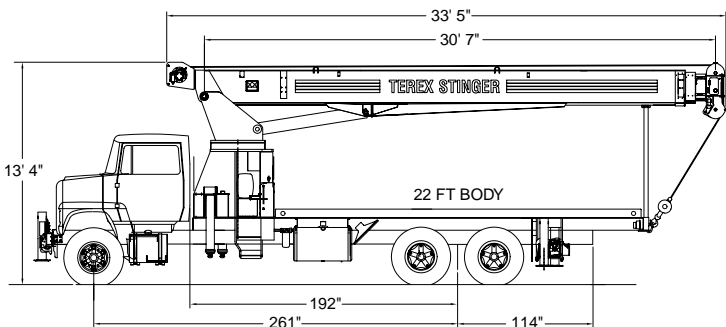
31' – 54'	2,100	953
30 Ton Block (3 Sheave)	430	195
6.5 Ton Ball	200	90
8' x 22' Deck		
Tire Size 11R22.5		

TRANSPORTATION

Maximum Driving Speed	50 mph	80 km/hr
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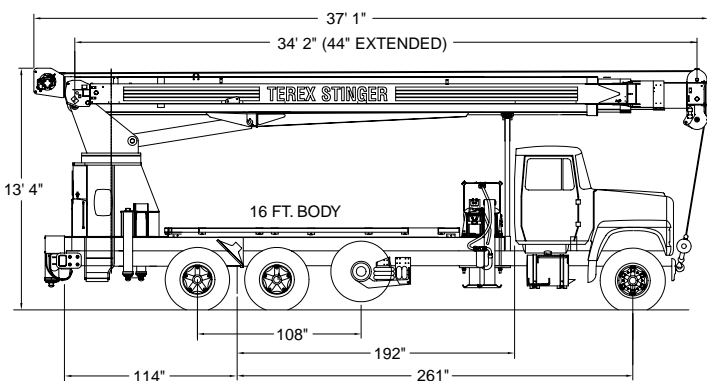
STERLING CRANE

MOUNTING CONFIGURATIONS



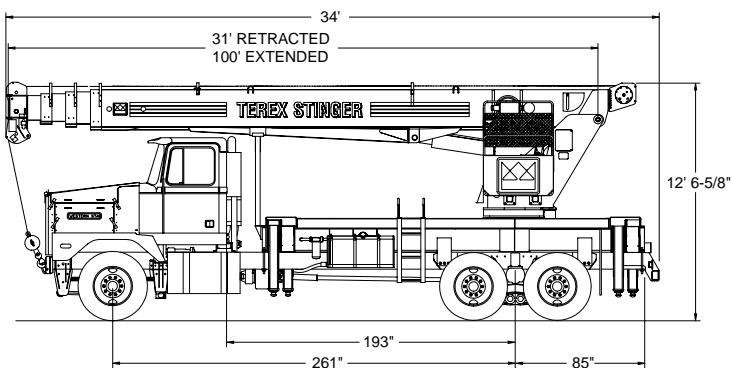
Behind Cab (BT) Mounting Configuration

Gross Vehicle Weight Rating.....	52,000 lbs. (23 587 kg)
Front Axle Weight Rating.....	18,000 lbs. (8165 kg)
Rear Axle Weight Rating.....	34,000 lbs. (15 422 kg)
Wheelbase.....	261 in. (6629 mm)
Cab to Axle.....	192 in. (4877 mm)
Afterframe.....	114 in. (2896 mm)
Transmission.....	Heavy-Duty (Neutral lock-up required for automatic transmission)
Electrical System.....	Heavy-Duty
Cooling System.....	Heavy-Duty
Frame Section Modulus.....	30.0 in ³ (491 cm ³)
RBM Per Frame Rail.....	3,300,000 in. lb. (38 020 m. kg)



Rear Mount (RM) Mounting Configuration

Gross Vehicle Weight Rating.....	60,500 lbs. (27 443 kg)
Front Axle Weight Rating.....	18,000 lbs. (8165 kg)
Rear Axle Weight Rating.....	42,500 lbs. (19 278 kg)
Wheelbase.....	261 in. (6629 mm)
Cab to Axle.....	192 in. (4877 mm)
Afterframe.....	114 in. (2896 mm)
Transmission.....	Heavy-Duty (Neutral lock-up required for automatic transmission)
Electrical System.....	Heavy-Duty
Cooling System.....	Heavy-Duty
Frame Section Modulus.....	40.0 in ³ (655 cm ³)
RBM Per Frame Rail.....	4,440,000 in. lb. (50 694 m. kg)



Riding Seat (RS) Mounting Configuration

Gross Vehicle Weight Rating.....	60,500 lbs. (27 443 kg)
Front Axle Weight Rating.....	18,000 lbs. (8165 kg)
Rear Axle Weight Rating.....	42,500 lbs. (19 278 kg)
Wheelbase.....	261 in. (6629 mm)
Cab to Axle.....	192 in. (4877 mm)
Afterframe.....	85 in. (2159 mm)
Transmission.....	Heavy-Duty (Neutral lock-up required for automatic transmission)
Electrical System.....	Heavy-Duty
Cooling System.....	Heavy-Duty
Frame Section Modulus.....	30.0 in ³ (491 cm ³)
RBM Per Frame Rail.....	3,300,000 in. lb. (38 020 m. kg)

STERLING CRANE

SPECIFICATIONS

Boom

100 ft. (30.5 m) four section full power mechanically synchronized boom. Patented keel boom design utilizes a keel-shaped baseplate combined with a deep, four plate boom section to optimize strength / rigidity-to-weight ratio. Exclusive, patented color-coded boom and load charts allow the operator to easily and quickly determine boom extension, boom angle and load capacity. Maximum tip height with four section 100 ft. (30.5 m) boom is 110 ft. (33.5 m). Maximum tip height with optional two-stage 55 ft. (16.76 m) jib is 163 ft. (49.6 m).

Winch

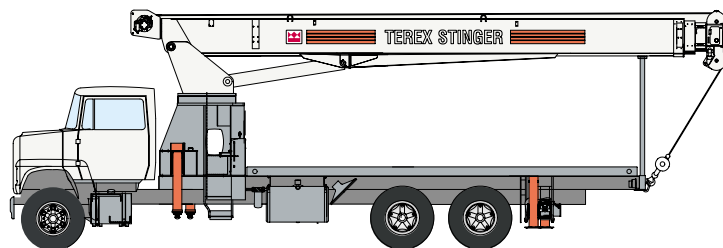
Hydraulic winch with gear motor and planetary reduction gearing provides 2-speed "burst of speed" operation. First layer rope pull is 15,000 lbs. (6 804 kg). Wire rope size is 5/8" (16 mm) with 45,400 lbs. (20 593 kg) breaking strength.

Operating Speeds

Main frame / turret assembly planetary rotation provides 180° rotation (370° with optional front bumper outrigger). Swing rotation is 75 seconds. Boom up/down is 60/41 seconds and boom extend/retract is 108/50 seconds.

Hydraulics

Three section pump allows the operator to perform simultaneous crane operations (winch, boom and swing). Capacities are 32, 17 and 8 gpm (122, 64 and 30 L/min). Combined system capacity is 67 gpm (253.6 L/min).



Controls

Fully proportional, excellent metering characteristics for precise boom movements. Independent outrigger controls allows the crane to be stable and level in rigorous working conditions. Load Moment Indicating System has audio alarm and functional shut down when operator encounters an overload situation.

Outriggers

Front and rear outriggers are heavy-duty, out and down type. Front spread is 24 ft. (7.32 m) for exceptional stability. Rear spread is 17' 9" (5.4 m).

Subframe

Cross-braced, closed-box style subframe yields greater strength and rigidity. Wheel base for standard truck crane mounting configuration is 261 in. (6.63 m).

OPTIONS AND ACCESSORIES

Terex Stinger offers a wide range of options and accessories to customize your truck crane to your exact needs.

These include:

- Single and two-stage jibs
- Multi-part load blocks
- Auxiliary winch
- Spin-resistant load line
- Wood, steel or extra heavy duty steel flatbeds
- Radio remote controls
- One-man or two-man baskets
- Self-leveling work platform
- Winch drum tensioner
- Continuous rotation (standard on RS model)
- Oil cooler
- Rear bumper
- Single front bumper outrigger (required for continuous or 370° rotation on BT or RM models)
- Hydraulic hose reel
- Hydraulic auxiliary tool circuit
- Removeable cab (RS model only)