



TRANSPORTATION SPECS - Boom Trucks

TEREX MODEL BT4792 - 23 TON CAPACITY

COMPONENT WEIGHTS

	<u>LBS.</u>	<u>KGS.</u>
Complete Crane c/w Jib, Counterweight and Block	44,700	20 276

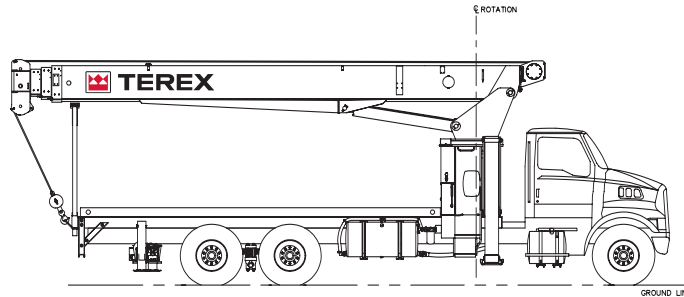
ADDITIONAL INFORMATION

Block 17.5 Ton Single Sheave	200	91
Ball 7 Ton	175	79
Jib Swingaway 26' – 44'		
Tire Size Fronts: 425/65R22.5 Rears: 11R22.5		
Deck Size: 8' x 21' (23-7-2466)		

STERLING CRANE

BT MODEL

SPECIFICATIONS



BOOM

- ▶ 29-92' (8.84-28.04 m) four-section full power fully synchronized boom. Patented keel boom design utilizes a keel shaped base plate combined with a deep, four plate boom section to optimize strength / rigidity-to-height ratio. Exclusive, patented color-coded boom and load charts allow the operator to easily determine boom extension, boom angle and load capacity. Maximum sheave height with four-section 29-92' (8.84-28.04 m) boom is 101' (30.78 m). Maximum sheave height with optional two-stage 26-44' (7.92-13.41 m) jib is 144' (43.89 m).

WINCH

- ▶ Hydraulic winch with gear motor and planetary reduction gearing provides 2-speed operation. First layer rope pull is 11,400 lb (5 170 kg). Wire rope size is 9/16" (14 mm) with 37,000 lb (16 783 kg) breaking strength.

OPERATING SPEEDS

- ▶ Mainframe / turret assembly planetary gear rotation provides 180° rotation (370° with optional front bumper outrigger). Swing rotation is 75 seconds. Boom up/down is 41/30 seconds and boom extend/retract is 80/36 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/m). Hydraulic tank capacity is 90 gal (342 L).

CONTROLS

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

OUTRIGGERS

- ▶ Front outriggers are Link-Type. The maximum width over main outrigger pad is 21' 9" (6.62 m), main outrigger spread at maximum ground penetration is 21' 4" (6.51 m).
- ▶ Rear outriggers are Out & Down type. The maximum width over auxiliary outrigger pads is 17' 6" (5.34 m).

SUBFRAME

- ▶ Single fabricated, closed-box style subframe yields greater strength and rigidity. Wheelbase for standard truck crane mounting configuration is 261" (6.62 m).

OPTIONS AND ACCESSORIES

- ▶ Single and two-stage jibs
- ▶ Multi-part load blocks
- ▶ Main winch with 2 speed motor
- ▶ Auxiliary winch
- ▶ Rotation-resistant load line
- ▶ Heavy duty wood flatbed
- ▶ Extra heavy duty wood flatbeds
- ▶ Extra heavy duty steel flatbeds
- ▶ Radio remote controls
- ▶ One-man or two-man baskets
- ▶ Self-leveling work platform
- ▶ Winch drum tensioner
- ▶ Continuous rotation
- ▶ Oil cooler
- ▶ Single front bumper outrigger (required for 370° or continuous rotation)
- ▶ Hydraulic hose reel
- ▶ Hydraulic auxiliary tool circuit
- ▶ Toolbox