

CRANE WORKS



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Houston - Denver - Kansas City - San Diego - Newark - Calgary

NEW TEREX BT4792 BOOM TRUCK

STANDARD FEATURES

BASIC MACHINE:

- 23.5 tons (21.3mt) capacity rating.
- Mainframe consists of all-steel, box construction. Subframe length designed for 21' flatbed.
- Dual-side, stand-up controls with foot throttle pedal
- Front main "A" frame outriggers independently controlled with an overall extended span of 22' (6.7m) to the outside of the pads.
- Rear outriggers are "H" frame, out-and-down type with an overall extended span of 17' 6" to the outside of pads.
- Rotation Planetary gearbox - hydraulic motor driven with 370-degrees of non-continuous swing rotation.
- Crane consoles include 4 lever crane function control handles - 4 lever outrigger control handles - engine start/stop switches - signal horn - bubble level and warning light for high hydraulic oil temperature.
- GREER 510 Rated Capacity Limiter system with digital read out display, integrated work area definition program and ATB anti-two block external boom wiring
- Standard Color Scheme: Terex Gray (Mainframe Pedestal, Subframe, Front and Rear Outriggers, Extending Boom Sections, Boom Tip Head, Flatbed)
- Terex White (Turret, Base Boom and Jib) - Terex Black (Control Stand, Operators Platform and Guards, Access steps and ladders)

BOOM:

- Four section KEEL designed boom, full power, mechanically synchronized with 29' to 92' maximum length (8.8 - 28m) and maximum tip height of 101' (30.8m)
- Each KEEL section is high-strength, steel plate construction designed to optimize the strength to weight ratio.
- Boom sections are color stripe coded to corresponding load chart.
- Boom Tip head is equipped with 2 bottom head sheaves - includes one and two-man steel workbasket attachment point.





HYDRAULIC SYSTEM:

- High capacity, full flow oil filtration system with a 90 gallon (342L) capacity reservoir and internal suction filter screen.
- Three section vane pump is PTO driven and allows independent functioning of Boom, Winch and Swing operations.
- The combined system output is 57 gpm at 2300 rpm pump speed and up to 3000 psi operating pressures.
- The return line filter is 10 micron and is externally mounted to the reservoir.

HOIST:

- Standard Two-Speed Planetary Hoist - hydraulic motor driven - Maximum Line Pull 11,854lbs / 5,332lbs @ low speed/high speed setting
- Optional choice of 315' (96m) of 9/16-in (14mm) Regular Lay or Rotation Resistant wire rope
- Maximum line speed of 137 / 209 fpm low speed /high speed.
- Standard grooved drum with tapered flanges for improved spooling.

MANUALS:

- Hard Copy Operators Manual - (1) CDROM includes Operators/Parts/Schematics/Greer/Wire Rope (manuals)- (1) CDROM includes AEM Safety Video

INCLUDED ITEMS

- Black decals
- 370-degree, non-continuous rotation
- Combined flow hoist (standard hoist with hi-speed button on lever)
- Hotshift PTO
- Regular lay wire rope
- Overhaul ball and swivel hook – 7-ton
- 17.5 US ton 1-sheave block with hook
- Swing away jib: 26' – 44' two section



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