STINGER™ 4792/5092
Boom Truck Cranes

FEATURES

• 47,000 lbs. (21 319 kg) or 50,000 lbs. (22 680 kg) maximum lifting capacity
• 101 ft. (30.8 m) maximum sheave height
• 144 ft. (43.9 m) maximum sheave height with 44 ft. (13.4 m) jib
• 92 ft. (28.0 m) fully proportional four-section telescopic “keel” boom
• Exclusive color coded boom and load charts
• Easy-to-install optional 26-44 ft. (7.9-13.4 m) jib, man baskets or work platform increase job capabilities

• Choice of two 4792 configurations – behind cab (with either 180° or 360° work area) or rear mount. Choice of three 5092 configurations – behind cab (with either 180° or 360° work area), rear mount or riding seat
• Electronic Load Moment Indicator and anti-two-block device standard
• 2-speed planetary winch has 11,400 lb. (5171 kg) maximum line pull, 150/220 fpm (46/67 mpm) line speed
• Externally located planetary rotation drive for easy accessibility for maintenance
• Dual control stations with direct mechanically controlled hydraulic system (single station on RS 5092 model)
• Efficient load sensing, pressure-compensating hydraulic system has 90 gal. (340 l) capacity
• Terex Support Plus product service

simple, available and cost effective™

Machines shown may have optional equipment.
Load Ratings (Pounds) for 360° Full Capacity Work Area with Outriggers Extended and Optional Front Stabilizer

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<th>OPER. RADIUS (FT)</th>
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Area of Operation

Deductions from Rated Loads for Handling Devices

OVERHAUL BALL: 175 lbs.
1 SHEAVE LOAD BLOCK: 200 lbs.
2 SHEAVE LOAD BLOCK: 250 lbs.
AUX. SHEAVE: 50 lbs.

JIB CAPACITIES FOR ALL BOOM LENGTHS
VERIFY OPERATIONAL MODE SETTING ON MG585 DISPLAY BEFORE LIFTING WITH JIB

1. Operating radius is the horizontal distance from the centerline of rotation to the center of the vertical hoist line axis of rotation.
2. Crane load ratings on outriggers are based on freely retracting boom first. See Note 5
3. Rated loads may not be exceeded when lifting rated loads in the specified area.
4. Rated loads shall be considered a part of the load.
5. Area of operation is not intended or approved except where specified in Owner’s Manual.
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### MOUNTING CONFIGURATIONS

#### 4792/5092 Behind Cab (BT) Mounting Configuration

- **Gross Vehicle Weight Rating:** 52,000 lbs. (23,587 kg)
- **Front Axle Weight Rating:** 18,000 lbs. (8,165 kg)
- **Rear Axle Weight Rating:** 34,000 lbs. (15,422 kg)
- **Wheelbase (WB):** 246 in. (6248 mm)
- **Cab to Axle (CA):** 168 in. (4267 mm)
- **Afterframe (AF):** 100 in. (2540 mm)
- **Transmission (Neutral lock-up required for automatic transmission):** Heavy-Duty
- **Electrical System:** Heavy-Duty
- **Cooling System:** Heavy-Duty
- **Frame Section Modulus:** 26.0 in³ (426 cm³)
- **RBM Per Frame Rail:** 2,860,000 in. lb. (32,950 m. kg)

#### 4792/5092 Rear Mount (RM) Mounting Configuration

- **Gross Vehicle Weight Rating:** 52,000 lbs. (23,587 kg)
- **Front Axle Weight Rating:** 18,000 lbs. (8,165 kg)
- **Rear Axle Weight Rating:** 34,000 lbs. (15,422 kg)
- **Wheelbase (WB):** 246 in. (6248 mm)
- **Cab to Axle (CA):** 180 in. (4572 mm)
- **Afterframe (AF):** 100 in. (2540 mm)
- **Transmission (Neutral lock-up required for automatic transmission):** Heavy-Duty
- **Electrical System:** Heavy-Duty
- **Cooling System:** Heavy-Duty
- **Frame Section Modulus:** 26.0 in³ (426 cm³)
- **RBM Per Frame Rail:** 2,860,000 in. lb. (32,950 m. kg)

#### 5092 Riding Seat (RS) Mounting Configuration

- **Gross Vehicle Weight Rating:** 58,000 lbs. (26,309 kg)
- **Front Axle Weight Rating:** 18,000 lbs. (8,165 kg)
- **Rear Axle Weight Rating:** 40,000 lbs. (18,144 kg)
- **Wheelbase:** 261 in. (6629 mm)
- **Cab to Axle:** 192 in. (4877 mm)
- **Afterframe:** 85 in. (2159 mm)
- **Transmission (Neutral lock-up required for automatic transmission):** Heavy-Duty
- **Electrical System:** Heavy-Duty
- **Cooling System:** Heavy-Duty
- **Frame Section Modulus:** 30.0 in³ (491 cm³)
- **RBM Per Frame Rail:** 3,300,000 in. lb. (38,020 m. kg)

**Notes:** Some standard features for the optional mounting configurations will vary. Consult your Terex Cranes dealer or factory for chassis and mounting requirements.
TEREX STINGER 4792/5092
Boom Truck Cranes

SPECIFICATIONS

Boom
92 ft. (28.0 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 sheave height with four section 92 ft. (28.0 m) boom is 101 ft. (30.8 m). Maximum sheave height with optional two-stage 44 ft. (13.4 m) jib is 144 ft. (43.9 m).

Winch
Hydraulic winch with gear motor and planetary reduction gearing provides 2-speed “Burst-of Speed” operation. First layer rope pull is 11,400 lbs. (5171 kg). Wire rope size is 9/16” (14 mm) with 33,600 lbs. (15 241 kg) breaking strength.

Operating Speeds
Main frame / turret assembly planetary rotation provides 180° rotation (370° with optional front bumper outrigger). Swing rotation is 40 seconds. Boom up/down is 34/30 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 36, 20 and 11 gpm (136.3, 75.7 and 41.6 lpm). Combined system capacity is 67 gpm (253.6 lpm).

OUTRIGGERS

Wide-stance link-type main outriggers on 4792 have a 20 ft. (6.1 m) pin-to-pin spread when fully extended. All 5092 configurations have 21 ft. (6.40 m) out-and-down main outriggers. Out-and-down rear outriggers have 17 ft. 6 in. (5.3 m) tip-to-tip span.

Subframe
Cross-braced, closed-box style subframe yields greater strength and rigidity. Wheel base for standard truck crane mounting configuration is 249 in. (6.27 m) for link-type main outriggers and 261 in. (6.63 m) for out-and-down rear outriggers.

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

For more information, product demonstration, or details on purchase, lease and rental plans, please contact your local Terex Cranes dealer.

Winch drum tensioner
Continuous rotation (standard on RS model)
Oil cooler
Rear bumper
Single front bumper outrigger (required for 370° or continuous rotation on BT or RM models)
Hydraulic hose reel
Hydraulic auxiliary tool circuit
Removeable cab (RS model only)

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty applicable to the particular product and sale. We make no other warranty, expressed or implied.