

Tucker's Machine & Steel Service, Inc.

TUCKERBILT[®]

T-644 CONCRETE TRANSPORTER



- Hopper mounted JCB tier 4 engine allows easy access.
- Enclosed climate controlled, pressurized operator cab.
- Longer chute offers higher and farther reach.
- Improved operator and mechanical safety.
- **Tuckerbilt[®] tough!**

TUCKERBILT® T-644 CONCRETE TRANSPORT VEHICLE SPECIFICATIONS

WEIGHT

- Approximately 25,000 lbs. (11,340 kg)

ENGINE

- JCB 320/41310 Tier 4 Final Certified
- 145 Continuous BHP @ 2200 RPM
- CAN technology automatically adjusts RPM to meet power requirements for maximum fuel economy

TRANSMISSION-DRIVE

- Danfoss H1 hydrostatic drive pump
- Speed infinitely variable to maximum of 11 MPH (21 km) with Creep Mode setting for efficient pouring at the form
- Maximum grade 6%

WORK FUNCTION PUMP-VALVING

- Pressure compensated, variable flow CAN controlled valving for power on demand means even more fuel savings

ARTICULATED STEERING

- Standard feature for unmatched maneuverability
- 11 ft (335 cm) inside tires turning radius
- 20 ft (610 cm) outside tires turning radius

AXELS

- Rear: 30,000 lbs (13,600 kg) solid mount with planetary reduction
- Front: 20,000 lbs (9,072 kg) air bag mounted for smooth ride. Drum-type air actuated brakes with safety braking system in case of failure. Spring brakes for parking.

TIRES

- 17.5 x 25 x 16 ply (445.55 mm x 635 mm) loader type

HOPPER

- Capacity: 6 yards (4.58 m³). Integrated Splash Deflector
- Swing: Hydraulic, 90 degrees left and right for full 180 degree access
- Lift: Hydraulic
- Vibrators: Electric

AUGER-TROUGH

- Fine tune auger speed to meet demand with a scroll wheel for fingertip control
- 100 selectable speeds available in forward and reverse
- Handles low-slump, standard mix, and SCC with ease
- 11'-10" (3613 mm) reach at the spout centerline.
- 14" (9355 mm) diameter, 3/8" thick abrasion resistant alloy auger flighting
- 15" (381 mm) trough with replaceable 3/16" thick abrasion resistant alloy chute sections

ENCLOSED CLIMATE-CONTROLLED, PRESSURIZED CAB

- Air-conditioned and heated for reduced exposure to the elements
- Pressurized to keep dust out
- Powered recirculation filter cleans the inside air to meet Silica regulations
- Ergonomic, multi-way adjustable suspension seat with operator present switch
- Dual joysticks offer full fingertip control of all functions

TRI-VIEW CAMERAS

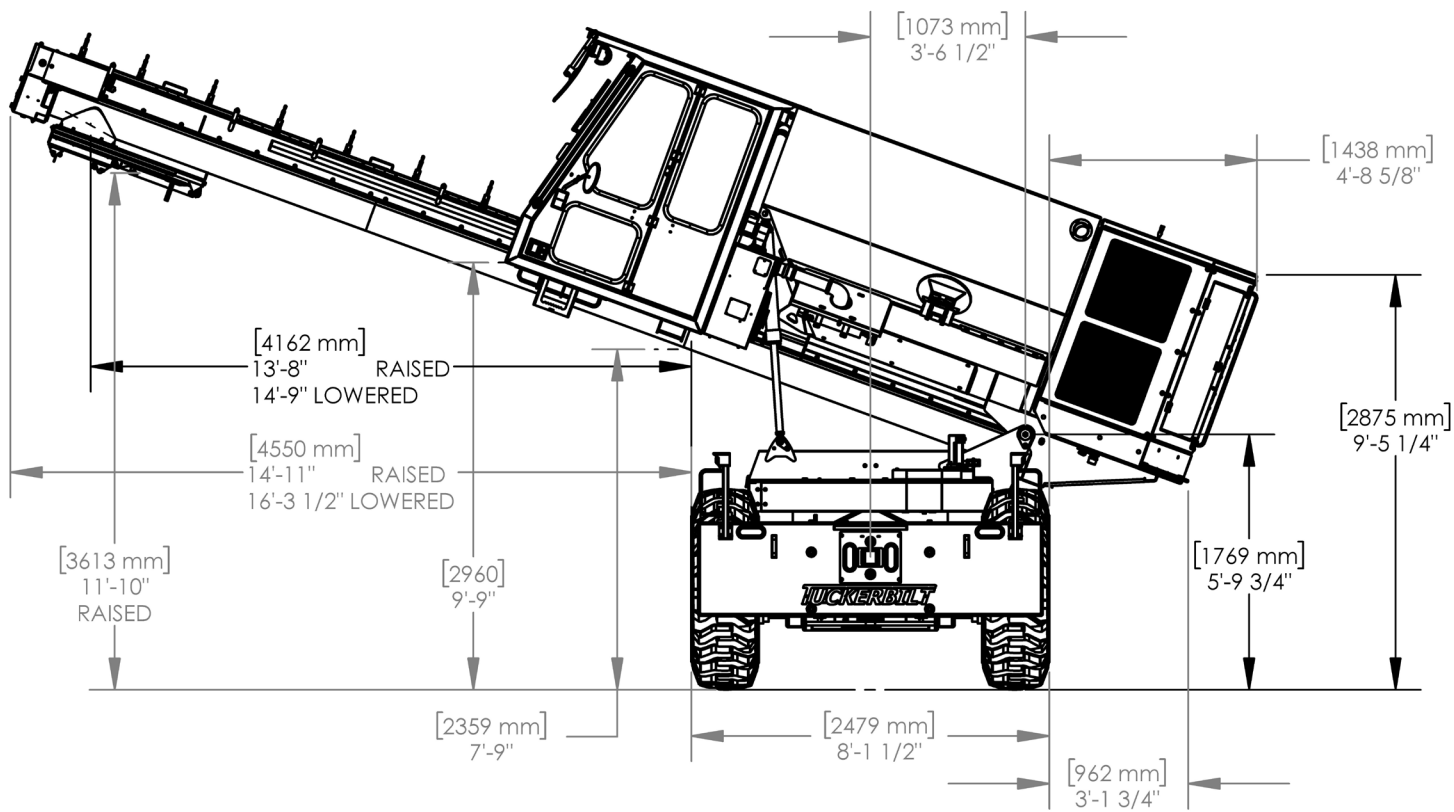
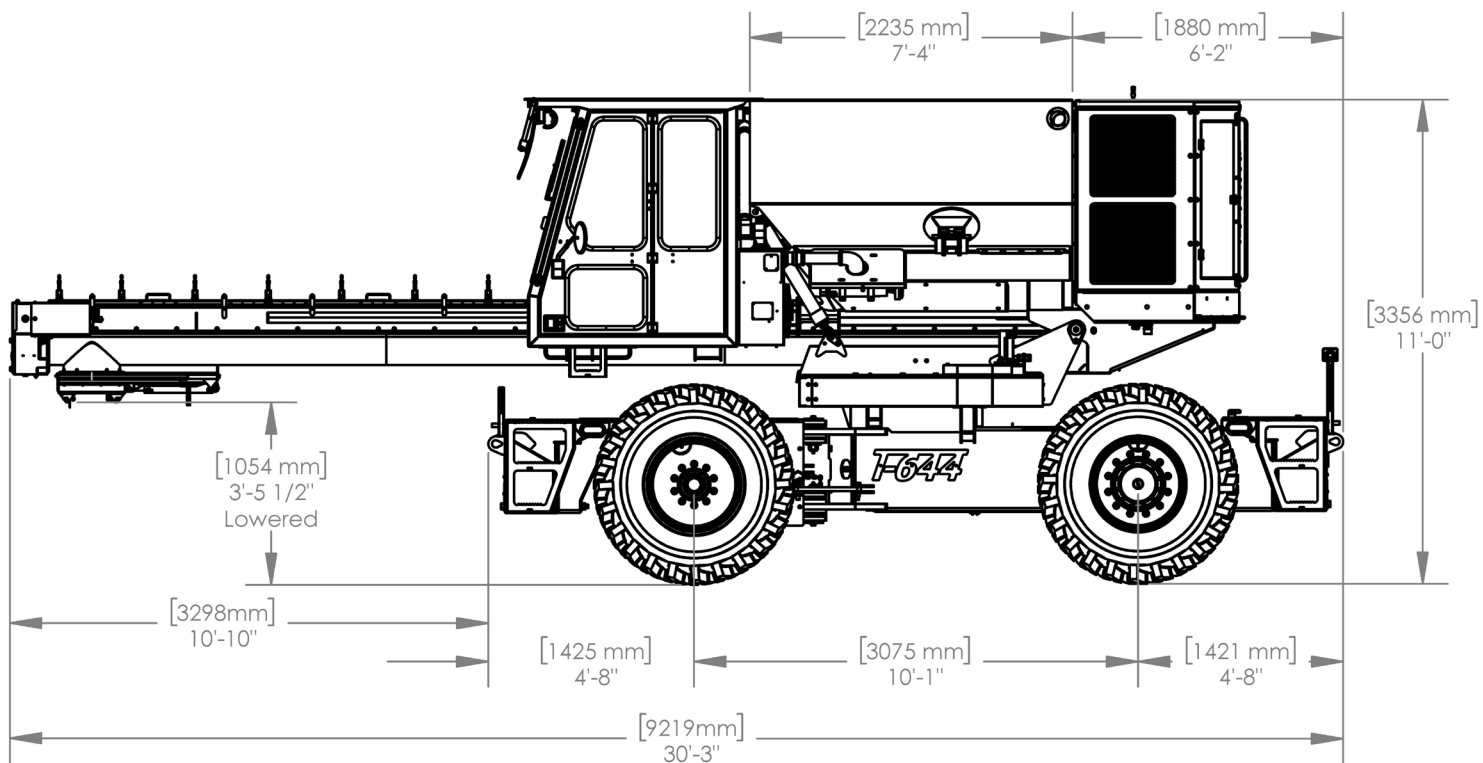
- 3 wide angle cameras - 1 rear facing, 1 on each side
- Always on, dedicated in cab display for maximum visibility and safety

STANDARD ACCESSORIES

- 2 LED work lights, 2 LED headlights, 2 LED backup lights
- Rear-pointed radar with in-cab alert warns of approaching danger when backing

CAN TECHNOLOGY

- The latest CAN technology provides robust systems diagnostics, increased operator and mechanical safety features, and maintenance logging



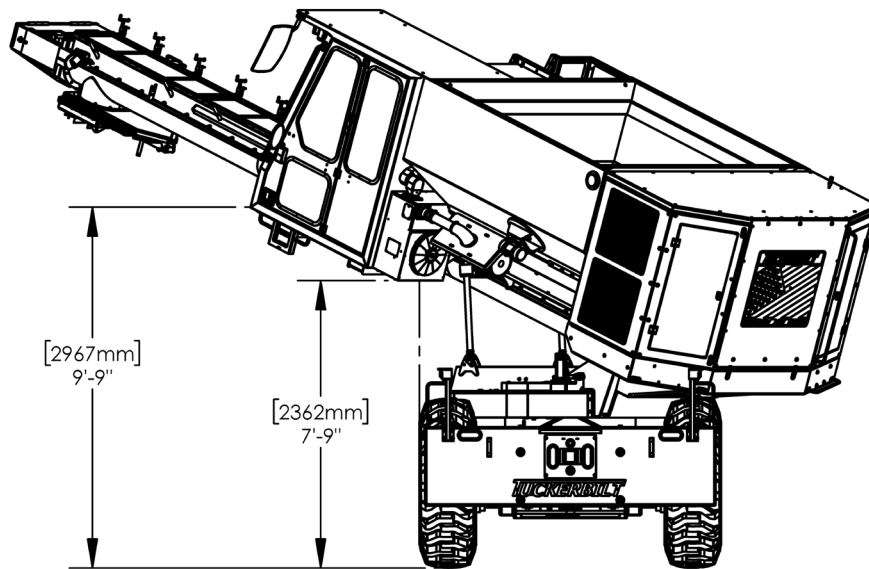
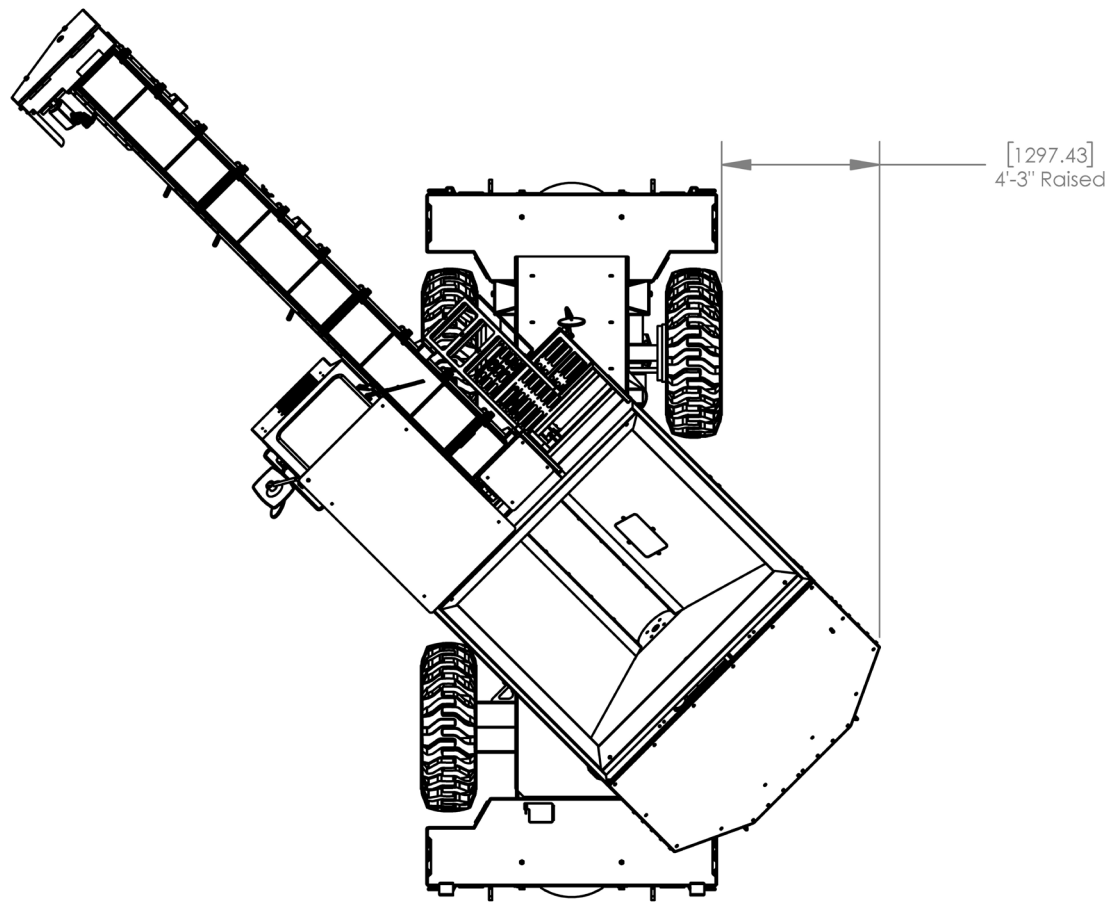
T-644 Overall Dimensions

DR. BY M.C.T.

DATE 3/20/2025

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice.





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Any Questions? Call Us at (352) 787-3157