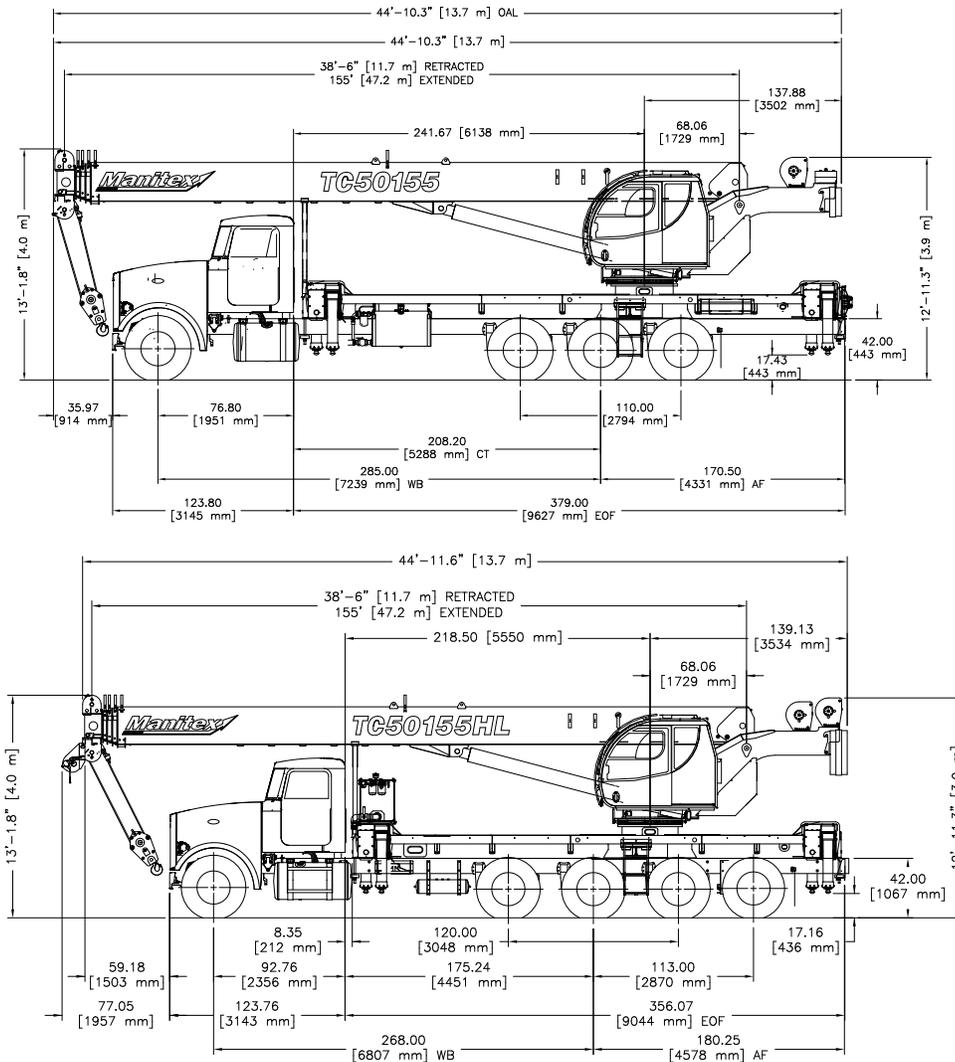


50155 & HL CHASSIS DATA

Dimensions



CHASSIS DATA

Model	50155	50155HL
Frame section modulus at 180/360° area of operation*	27.0 in ³ 110,000 psi, 758,423 kPa	27.0 in ³ 110,000 psi, 758,423 kPa

* Frame selection modulus at 360° area of operation requires front bumper stabilizer.

TRUCK AXLE WEIGHT

Model	50155	50155HL
Min. truck axle W - Front**	10,750 lbs. (4,876 kg)	9,500 lbs. (4,309 kg)
Min. truck axle W - Rear**	12,300 lbs. (5,579 kg)	13,400 lbs. (6,078 kg)
Nominal Frame W	34 in. (864 mm)	34 in. (864 mm)

** Minimum chassis weight is required to meet 85% stability requirements. Chassis data is general - not for engineering. Some dimensions depend on truck selection.

CRANE WEIGHT

Model	50155	50155HL
Crane	39,175 lbs. (17,796 kg)	45,605 lbs. (20,686 kg)
Jib fixed	1,510 lbs. (685 kg)	1,510 lbs. (685 kg)
Jib telescopic	N/A	N/A
Aluminum Platforms	621 lbs. (282 kg)	621 lbs. (282 kg)

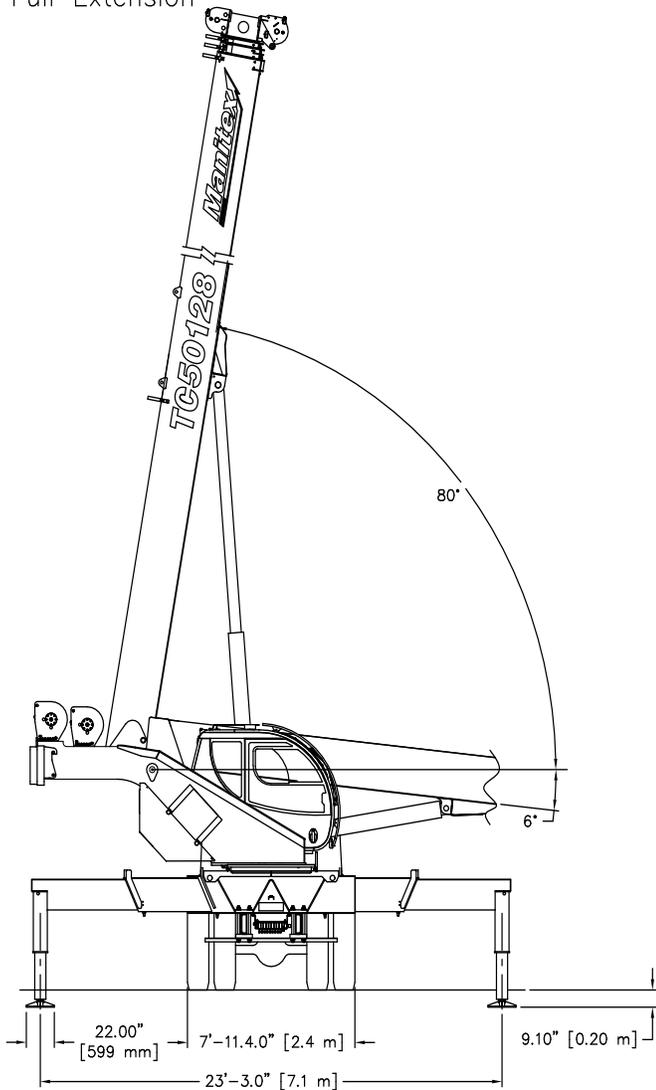
Notes: Additional axles required for federal bridge legal configuration - consult Manitex. Manitex highly recommends the addition of a front stabilizer and it may be required on some installations - consult Manitex.

Data published herein is intended as a guide only. Crane operation is subject to machine specific load charts and information.

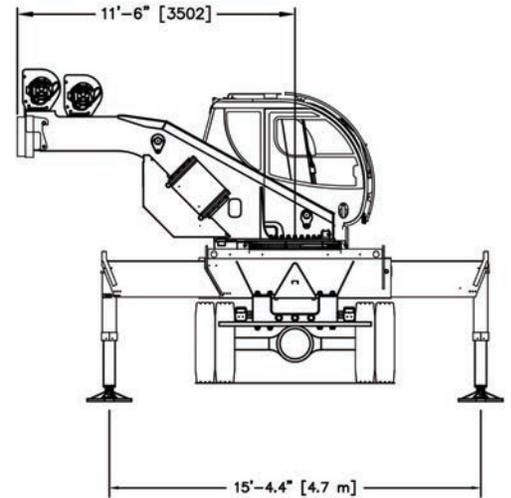
OUTRIGGER EXTENSION

Full Extension

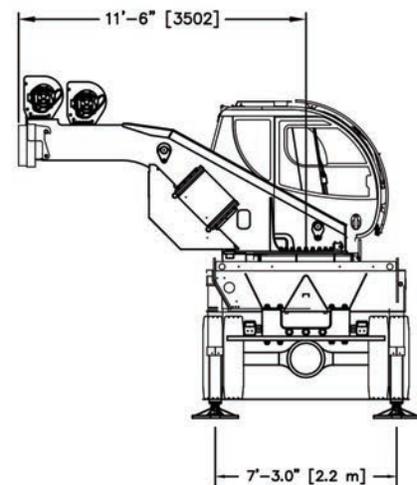
Full Extension



Mid Extension



Full Retraction



SUB FRAME

- Pedestal sub-frame and stabilizers are mounted to chassis by threaded rods and clamp plates
- Sub-frame: Torsion resistant, rigid 4-plate design mounted under crane full length of truck frame
- Rear under-ride protection: Standard on factory mounted cranes

ELECTRICAL SYSTEM

- State-of-the-art, weather-resistant components throughout
- Hermetically sealed enclosure includes power in relays and circuit status LEDs
- 12-24 Volt capability

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