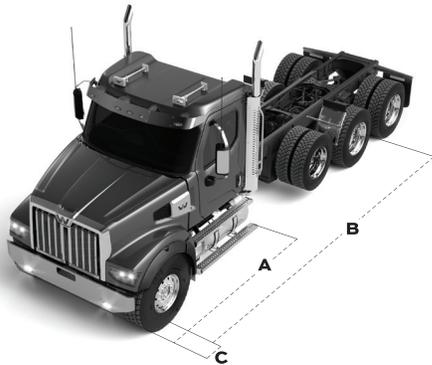


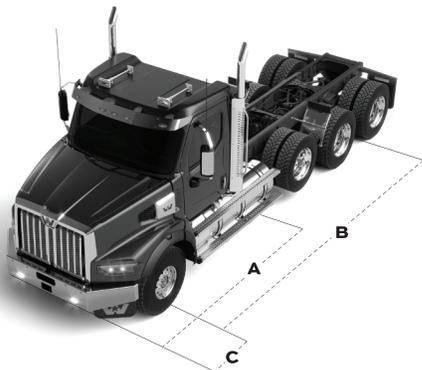
# ALL THE OPTIONS YOU NEED TO BUILD EXACTLY THE TRUCK YOU WANT.

The 49X represents the next generation of the tough vocational truck, engineered to reduce weight and boost safety, dependability and uptime, with the features to make upfit faster and easier.

## DIMENSIONS



SF	SET FORWARD AXLE	A BBC: 122"
		B WB: UP TO 361"
		C BA: 30.1"



SB	SET BACK AXLE	A BBC: 122"
		B WB: UP TO 361"
		C BA: 46.5"

## SLEEPER



**36" Trench-Style Low Roof**  
Available in Mid Roof



**48" Mid Roof**



**60" Mid Roof**



**72" Stratosphere High Roof**  
Available in Mid Roof



## **CAB**

- X-Series steel-reinforced aluminum cab with X-Series steel door
- Trench-style low roof with lowered center section for optimal packaging of over cab equipment
- One-piece roped-in windshield
- Optional impact-resistant and heated windshields available
- Optional single or high-visibility three-piece rear window

## **INTERIOR TRIM LEVELS**

- X-Series Base
  - Mordura cloth seat
  - Vinyl sleeper upholstery
  - Standard insulation
  - Standard LED cab lighting
  - Black finish steering wheel switches
  - Black finish dash gauge bezels
  - Carbon with black trim accents
- X-Series Premium
  - Laredo leather seats
  - Upgraded sleeper upholstery
  - Premium insulation
  - Premium LED cab lighting
  - Bright finish steering wheel switches
  - Bright finish dash gauge bezels
  - Premium teak trim

## **INTERIOR COLORS**

- Quarry Grey
  - Charcoal Black
  - Timber Brown
- (available on Premium Package only)*

## **HOOD**

- Impact-resistant, durable, lightweight molded resin hood with sloped high-visibility design
- ISO TECH Hood Suspension System
- Standard with locking hood strut

## **GRILLE**

- Radiator-mounted steel grille with stainless steel surround

## **HVAC**

- Best-in-class HVAC with 5 face outlets, 4 floor outlets, 2 side window defrost outlets and 10 blower speeds
- Available only on sleepers, optional Idle-Free Dual HVAC that provides up to 10 hours of cooling or 34 hours of heating when parked

## **AIR INTAKE**

- Engine mounted air intake, plus optional hood-mounted pre-cleaners deliver improved dust capacity

## **ENGINE**

- Detroit® DD15®, 400-505 HP, 1550-1850 lb-ft
- Detroit® DD16®, 500-600 HP, 1850-2050 lb-ft
- Cummins X12, 350-500 HP, 1450-1700 lb-ft
- Cummins X15, 400-605 HP, 1450-2050 lb-ft

## **TRANSMISSION**

- Detroit® DT12®-V and Detroit® DT12®-VX AMT
- Allison Automatic 4000, 4500, 4700
- Eaton Fuller Manual 10- 13- 18-speed; 8LL and 9ALL
- Eaton Ultrashift PLUS and Endurant AMT

## **POWER TAKE-OFFS (PTOS)**

- Intuitive and simple to use PTO control system that makes programming easy
- FEPTO and REPTO available
- Factory installed transmission PTO

## **FRONT AXLE**

- Detroit® single 12,000-23,000 lbs
- Meritor single 12,000-22,000 lbs

## **REAR AXLE**

- Detroit® single 21,000-23,000 lbs
- Detroit® tandem 40,000-44,000 lbs
- Dana tandem 52,000-60,000 lbs
- Meritor single 21,000-30,000 lbs
- Meritor tandem 40,000-58,000 lbs
- Meritor tridem 69,000-78,000 lbs

## **FRONT SUSPENSION**

- Flatleaf 14,600-23,000 lbs
- Taperleaf 12,000-20,000 lbs

## **REAR SUSPENSION**

- AirLiner® single 21,000-23,000 lbs
- AirLiner® tandem 40,000-46,000 lbs
- AirLiner® tridem 69,000 lbs
- Chalmers tandem 40,000-70,000 lbs
- Flatleaf single 23,000-30,000 lbs
- Hendrickson tandem 40,000-52,000 lbs
- Neway single 26,000 lbs
- Neway tandem 46,000-52,000 lbs
- Neway tridem 69,000-78,000 lbs
- TufTrac tandem 40,000-52,000 lbs

## **BRAKES**

- WABCO® 4S/4M and 6S/6M Anti-lock Braking System (ABS) with and without traction enhancement
- Air Disc Brakes

## ACTIVE SAFETY

- Detroit Assurance® suite of safety systems including: Active Brake Assist 5, Adaptive Cruise Control to 0 MPH, Side Guard Assist, Tailgate Warning, Lane Departure Warning, Automatic Headlights/Wipers and Intelligent High Beams, available with Detroit® engines
- WABCO® OnGuard including collision mitigation and adaptive cruise control, optional with Cummins engines

## FRAME

- Single-channel RBM @ 1.8-3.7MM inch-lbs
- Inner C-channel reinforced RBM @ 4.3-5.4MM inch-lbs
- 8"-30" parent rail front frame extensions options available

## BUMPERS

49X offers three bumper styles in various finishes and thicknesses, as well as a boxed-in bumper with an optional grille guard for logging applications. All 49X bumpers are tapered at the wheel ends for ground clearance and weight savings

- Standard 1/8" stainless steel vocational
- Optional 3/16" painted steel
- Optional 1/4" plain or polished aluminum
- Optional 5/16" bright steel severe service
- Optional 3/8" painted steel severe service
- Optional 1/4" painted or bright steel logger

## FRONT TOW DEVICES

- There are a number of towing device options mounted directly to the front frame head for increased strength and durability, with ratings from 80,000-140,000 lbs
- Dual Removable Tow Hoops, 80,000 lbs
- Center Tow Pin, 80,000 lbs
- High Capacity Center Tow Pin, 140,000 lbs

## FUEL TANKS

- Aluminum 25" cylindrical, plain or polished
- LH 60-150 gallon (227-568 liter)
- RH 60-, 70-, 80-, 100-, 120-, 150-gallon (227-, 265-, 303-, 379-, 454-, 569-liter)
- Standard forward mounting; optional aft mounting
- LH and RH split fuel/hydraulic tank options available
- LH and/or RH auxiliary fuel supply and return ports available

## DEF TANK

- 8-, 13- and 23-gallon (23-, 49- and 87-liter)
- Standard forward mounting
- Optional LH or RH aft mounting

## UPFIT EFFICIENCY FEATURES

- All-new QuickFit Interface System
  - Easier to integrate truck equipment with the vehicle's electrical power and communication sources
  - Advanced multiplexed electrical system for easy Truck Equipment Manufacturer (TEM) interface, programming and power access
  - Auxiliary in-cab backwall mounted E-Vault available, which houses:
    - QuickFit Programmable Controllers
    - QuickFit Interface Connectors
    - TEM-specific power distribution module
    - High-current power access
- Multiple clear back-of-cab chassis configurations

- Updated standard air dryer mounting location delivers clear back-of-cab
- Standard in-cab battery mounting location with optional mounting on frame or between rails
- Up to 24 programmable multiplexed, 4 hard-wired and 2 pneumatic switches

*All 49X technical details can be found in the Western Star Technical Resource Guide (TRG). For access to the TRG, log on to [DTNACONNECT.COM](http://DTNACONNECT.COM)*



QUALITY BUILT  
IN THE USA

Cleveland, NC Portland, OR

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