



# CASCADIA 116



## SPECIFICATION LIST AND OPTIONAL EXTRAS

### CABINS / SLEEPERS\*

- Standard
  - Day cab
- Optional
  - 36" XT sleeper cab
  - 48" XT sleeper cab

\* Sleeper cabs meet ADR 42/04 All cabs ECE R29 Compliant



### ENGINE AND ENGINE EQUIPMENT

- Engine
  - Detroit Diesel DD13
    - GHG17 Emissions Level (exceeds Euro 6)
- Standard
  - 450hp (336 kW), 1,650 lb-ft
- Optional
  - 470hp (350 kW), 1,650 lb-ft
  - 505hp (377 kW), 1,850 lb-ft
- Exhaust
  - Horizontal after-treatment system mounted RH under cab
- Standard
  - Horizontal tailpipe
- Optional
  - Gantry mounted RH vertical tailpipe
  - Gantry mounted dual vertical tailpipe, sleeper cab only
  - B-Pillar mounted RH vertical tailpipe (day cab only)
- Cooling
  - Electronically controlled variable speed fan clutch
- 1400 in<sup>2</sup> radiator
- Air Compressor
  - Standard
    - BW BA-921 19.0CFM single air compressor
  - Optional
    - BW LK-862 34.8CFM dual air compressor

### TRANSMISSION

- DT12 Automated Manual Transmission
  - DT12-OHE Overdrive Highway
  - DT12-OV Overdrive Vocational
  - DT12-DHE Direct Drive Highway
  - DT12-OVX Overdrive Extreme, with PowerLaunch
- EATON FULLER 18 speed Manual
  - RTLO-16918B
  - RTLO-18918B
  - RTLO-20918B

### ELECTRICAL

- Alternator options
  - LN 2333GH 12V 185A brushless alternator

- DR 40-SI 12V 275A alternator
- Battery box options
  - In cab passenger seat
  - Between frame rails
  - Outboard battery box mounted on LH (various location options)
- Auxiliary battery box option for parked HVAC system
- 12V AGM batteries

### CLUTCH

- Detroit HD AMT Twin Plate Clutch
- Eaton Advantage 15-1/2" self-adjusting clutch

### FRONT AXLE

- Axle options
  - Meritor FG-941 14,600lb
  - Detroit DA-F 16,000lb
- Suspension options
  - Freightliner Taper Leaf 14,600lb
  - Freightliner Taper Leaf 16,000lb
- TRW TAS-85 power steering box

### REAR AXLE

- Axle options
  - Meritor MT40 14XG
  - Meritor MT40 14XGP
  - Meritor RT46 160GP
  - Hendrickson FM20 ToughLift pusher axle
- Suspension options
  - Airliner 40k, Road Friendly Cert No. RF2013<sup>^</sup>
  - Airliner 46k, Road Friendly Cert No. RF2013<sup>^</sup>
  - Freightliner Lift Axle Rear Suspension, Lift axle and Airliner 46k only. Road Friendly No. RF2112
- Driver controlled differential locks

<sup>^</sup>Rear Axle Spread 1,300mm

### DRIVELINE

- Meritor RPL25SD
- Meritor RPL35

### BRAKES

- Brake options
  - Meritor Q+ caswt S-Cam brakes
  - Bendix ADB22X air disc brakes
- WABCO 6S/6M ABS
- Electronic Stability Control (ESC)

### CHASSIS

- Frame
  - 8 x 88 x 281mm
  - Section modulus: 196.5 cubed
  - RBM: 161,338Nm
  - Yield strength: 827MPa
- 11 x 85 x 287mm
  - Section modulus: 340 cubed
  - RBM: 281,445Nm
  - Yield strength: 827MPa
- Wheelbases from 4325-7175mm

- Standard
  - Integrated FUPD bumper
- Optional
  - Integrated FUPD bull bar
  - Integrated Road Train FUPD bull bar

### FUEL TANKS

- Large Cross Section (LCS)
  - 735x700mm cross section
  - Options available
    - 320L, 360L, 430L, 480L, 490L\*, 510L, 530L, 535L, 600L\*, 775L\*
- \*Integrated step in 490L, 600L, 775L
- Round fuel tanks
  - Seam to seam steps
  - 25" diameter
  - Options available
    - 227L, 264L, 302L, 340L, 378L, 453L, 528L, 567L, 416L
- Round Hydraulic Tanks
  - 227L, 227L/189L Split, 227L/227L Split
- DEF tanks
  - 49L, 87L or 200L

### TYRES

- Steer
  - Michelin X Multi Z2 295/80R22.5
  - Michelin X Line Energy 315/80R22.5
  - Michelin X Multi Z 11R22.5
  - Michelin X Multi Z 275/70R22.5
- Drive
  - Michelin X Multi D+ 11R22.5
  - Michelin X Multi Z 275/70R22.5

### WHEELS\*

- Steer
  - 8.25" x 22.5" Alcoa ULA18X
  - 8.25" x 22.5" Alcoa ULTRAx ONE
  - 8.25" x 22.5" Accuride steel disc
  - 9.00" x 22.5" Alcoa ULTRAx 89U64X
- Drive
  - 8.25" x 22.5" Alcoa ULA18X
  - 8.25" x 22.5" Accuride steel disc

\*Alcoa Dura-Black finish available on alloy wheels

### CAB FEATURES - INTERIOR

- Driver seat
  - Standard
    - Basic 2.0 Air Suspension
  - Optional
    - ISRI High Back Air Suspension
    - Gen 2 RollTek Equipped ISRI ABTS Air Suspension
- Passenger seat
  - Standard
    - Basic 2.0
  - Optional
    - Basic 2.0 Air Suspension
    - Battery Box
    - ISRI High Back Air Suspension
- TV mount (all sleepers)
- Under Bunk Dometic CD30 Fridge (48" sleeper optional)
- Optimised Idle HVAC (sleeper cab only)

- Parked HVAC system available
- Battery powered air conditioning compressor, Sleeper Cab only
- Premium insulation
- Prewire for UHF radio, beacons, PTO, telematics system
- Generous interior storage
- Single piece windscreen
- Interior grab handles (A and B pillar)

### INSTRUMENTS

- 5" driver display screen
- Steering wheel controls
- Radio with Bluetooth, AUX input and USB connector
- Self-cancelling turn signals
- Gauge package
  - Optional
    - Digital dash displays with 12" cluster and 10" infotainment



### SAFETY EQUIPMENT

- Detroit Assurance 5.0
  - Active Brake Assist (ABA)
  - Adaptive Cruise Control (ACC) to 0kmh
  - Lane Departure Warning (LDW)
  - Intelligent high-beam
  - Automatic wipers/headlamps
  - Side Guard Assist (SGA)
- Detroit Connect with safety analytics and video capture for events

### CAB FEATURES - EXTERIOR

- Back of cab utility lights
- LED headlamps with Daytime Running Lights (DRL)
  - Standard
    - Back of cab utility lights
    - LED headlamps with Daytime Running Lights (DRL)
  - Optional
    - LED fog lights
    - Hood mounted heated mirrors

### AIRBAGS

- Standard
  - Steering wheel mounted
- Optional
  - B-pillar mounted (RollTek)

## TARE MASS

Cascadia 116 Day Cab 6x4:

Wheelbase (mm)	Front (kg)	Rear (kg)	Total (kg)
4325	4,400	3,440	7,840

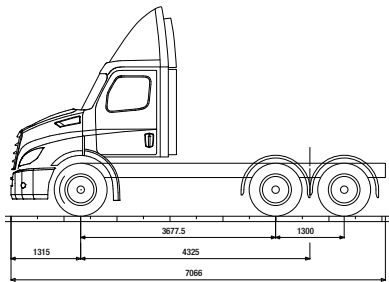
Tare mass is for the standard vehicle and includes all fluids, less fuel, less driver and passenger. Tare mass is calculated and subject to variation. For further details regarding the mass options, please discuss with your authorised Freightliner Dealer.

## DIMENSIONS

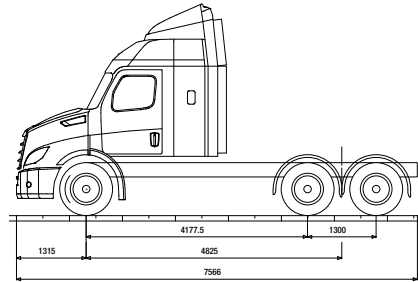
Cascadia 116:

Cab Type	BBC (mm)	Cab Height (mm)
Day Cab	2,970	3,030
36" XT	3,670	3,455
48" XT	3,970	3,455

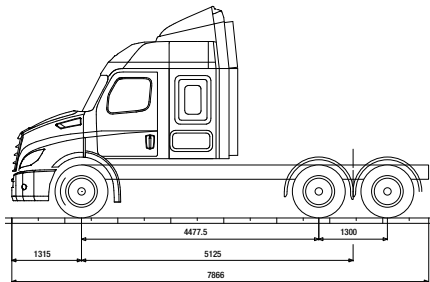
Heights excluding aero device.



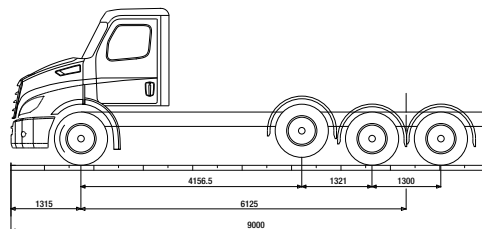
DAY CAB



36" XT SLEEPER CAB



48" XT SLEEPER CAB



DAY CAB 8x4 (6x4 with Pusher Lift Axle)

\*Available with sleeper cabs

## RATINGS

- GVM/GCM Ratings are for standard equipment only in on-highway operation
- Off-highway operations and higher GCM's require application approval from Daimler Truck AuP
- Ratings vary depending on equipment selected

## AUSTRALIA RATINGS

Configuration	6x4	8x4
GVM	26t	31.5t
GCM	Up to 70t (B-Double) Up to 85t (Road Train)	Up to 70t (B-Double)

## NEW ZEALAND RATINGS

Configuration	6x4	8x4
GVM	24t	28t
GCM	Up to 65t	Up to 65t

SCAN HERE TO  
CONTACT DEALER



To speak to your nearest authorised Freightliner Dealer, call 1800 033 557 or visit [freightliner.com.au](https://www.freightliner.com.au).

Freightliner is a registered trademark of Daimler Trucks North America LLC. Information in this brochure is correct as at June 2024.

© Daimler Truck Australia Pacific Pty Ltd ACN 618 413 282

The manufacturer reserves the right to make changes to the design, form, and specification prior to delivery, provided these changes, while taking into account the interests of the vendor, can be deemed reasonable with respect to the purchaser.