



DRIVER DRIVEN

# CASCADIA 116



## SPECIFICATION LIST AND OPTIONAL EXTRAS

### CABINS / SLEEPERS

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

### 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
    - B-Pillar mounted RH vertical tailpipe
- Cooling
  - Standard
    - 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

### ELECTRICAL

- Alternator options
  - LN AVI160 12V 170A alternator

- 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 frame
- Auxiliary battery box option for parked HVAC system
- 12V AGM batteries

### TRANSMISSION

- DT12 Automated Manual Transmission (AMT)
  - Over-drive or direct-drive options
- Eaton RTLO-16918B manual transmission
- Eaton RTLO-18918B manual transmission
- Eaton RTLO-20918B manual transmission

### CLUTCH

- Detroit HD AMT 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 HLM-2 pusher axle

- Suspension options
  - Freightliner AirLiner™ 40K
  - Freightliner AirLiner™ 46K
- Driver controlled differential locks

### DRIVELINE

- Meritor RPL25SD
- Meritor RPL35

### BRAKES

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

### CHASSIS

- Frame
  - 8 x 88 x 281mm
    - Section modulus: 196.5cm<sup>3</sup>
    - RBM: 161,338Nm
    - Yield strength: 827MPa
  - 11 x 85 x 287mm
    - Section modulus: 340cm<sup>3</sup>
    - RBM: 281,445Nm
    - Yield strength: 827MPa
- Wheelbases from 4325-7175mm
- Integrated FUPD bumper
- Integrated FUPD bullbar

### FUEL TANKS

- Large Cross Section (LCS)
  - 735x700mm cross section
  - Options available
    - 320L, 360L, 430L, 480L, 490L\*, 510L, 530L, 535L
  - \*Integrated step in 490L
- Round fuel tanks
  - Seam to seam steps
  - 25" diameter
  - Options available
    - 227L, 264L, 302L, 340L, 378L, 453L, 528L, 567L

- DEF tanks
  - 49L, 87L or 200L

### TYRES

- Steer
  - Michelin X Multiway 3D XZE 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 LVL ONE 88267X
  - 8.25" x 22.5" Alcoa ULTRAx ONE
  - 8.25" x 22.5" Accuride steel disc
  - 12.25" x 22.5" Alcoa LVL ONE 82462X
  - 9.00" x 22.5" Alcoa ULTRAx 89U64X
- Drive
  - 8.25" x 22.5" Alcoa LVL ONE 88267X
  - 8.25" x 22.5" Accuride steel disc

### CAB FEATURES – INTERIOR

- Variety of seat options – ISRI, Sears and National seats
- Microwave, TV (all sleepers) and refrigerator provision (60" sleeper only)
- Optimised Idle HVAC (sleeper cab only)
- Parked HVAC system available
- Battery powered air conditioning compressor
- Premium insulation
- Prewire for UHF radio, beacons, PTO, telematics system
- Generous interior storage
- Single piece windscreen
- Interior grab handles (A and B pillar)

**YOUR AUTHORISED FREIGHTLINER DEALER IS:**

Daimler Truck and Bus Australia Pacific Pty Ltd, ABN 62 629 141 699.  
 41 Lexia Place, Mulgrave, VIC, 3170. Telephone 1800 033 557. LIT 00 202 0798

**INSTRUMENTS**

- 5" driver display screen
- Steering wheel controls
- Radio with Bluetooth, AUX input and USB connector
- Self-cancelling turn signals
- Gauge package

**TECHNOLOGY**

- Intelligent Powertrain Management (IPM)
- Detroit Assurance 5.0
- Active Brake Assist (ABA)
- Adaptive Cruise Control (ACC)
- Lane Departure Warning (LDW)
- Intelligent high-beam
- Automatic wipers/headlamps
- Side Guard Assist (SGA)
- Detroit Connect with fuel and safety analytics

**CAB FEATURES – EXTERIOR**

- Back of cab utility lights
- LED headlamps with Daytime Running Lights (DRL)
- Tyre Pressure Monitoring System (TPMS) (optional)
- LED fog lights (optional)
- Hood mounted heated mirrors (optional)

**RATINGS**

- GVM: 26t
- GCM: Up to 70t B-Double \*refer to Freightliner engineering for higher GCM rating

**TARE MASS**

Cascadia 116 Day Cab:

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

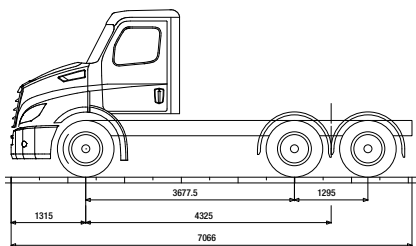
Tare mass is for the standard vehicle and includes all fluids, less fuel, less driver and passenger. Tare mass is calculated and subject to variation. For further details regarding the mass options, please discuss with your authorised Freightliner Dealer. Note the maximum fording depth is the lowest of the following: - the lowest point of the ATD, the outlet for the horizontal exhaust or the centre line of the steer axle hub.

**DIMENSIONS**

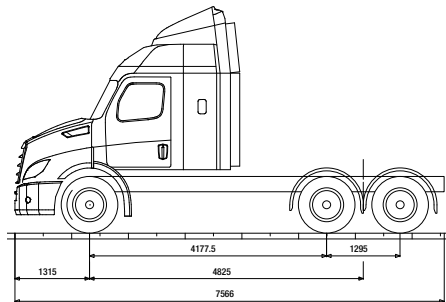
Cascadia 116:

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

**DAY CAB**



**36" XT SLEEPER CAB**



**48" XT SLEEPER CAB**

