



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 in² 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 AV1160 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 RTL0-16918B manual transmission
- Eaton RTL0-18918B manual transmission
- Eaton RTL0-20918B 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: 196.5cm³
 - RBM: 161,338Nm
 - Yield strength: 827MPa
 - 11 x 85 x 287mm
 - Section modulus: 340cm³
 - 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 |

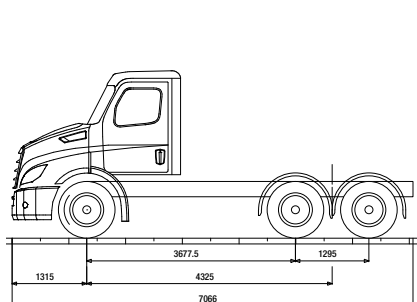
Tare mass is for the standard vehicle and includes all fluids, less fuel, less driver and passenger. Tare mass is calculated and subject to variation. For further details regarding the mass options, please discuss with your authorised Freightliner Dealer. Note the maximum fording depth is the lowest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

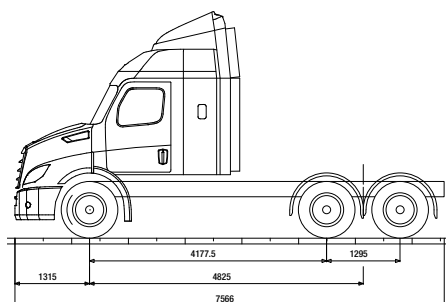
Cascadia 116:

| 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 |

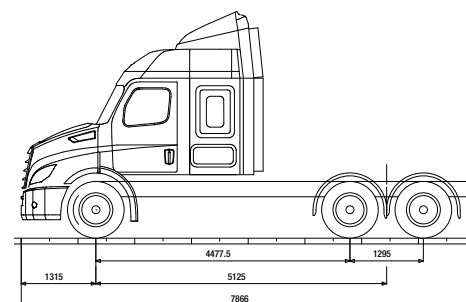
DAY CAB



36" XT SLEEPER CAB



48" XT SLEEPER CAB





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

ENGINE AND ENGINE EQUIPMENT

- Engines
 - Detroit Diesel DD16
 - GHG17 Emissions Level (exceeds Euro 6)
 - Standard
 - 500 hp (373 kW), 1,850 lb-ft
 - Optional
 - 530 hp (395 kW), 1,850 lb-ft
 - 560 hp (418 kW), 1,850 lb-ft
 - 600 hp (447 kW), 1,850 lb-ft
 - 560 hp (418 kW), 2,050 lb-ft
 - 600 hp (447 kW), 2,050 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
 - 1600 in² 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 AV160 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
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TRANSMISSION

- DT12 Automated Manual Transmission (AMT)
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FRONT AXLE

- Axle options
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- Suspension options
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- TRW TAS-85 power steering box

REAR AXLE

- Axle options
 - Meritor RT46-160 GP
- Suspension options
 - Freightliner AirLiner™ 46K
- Driver controlled differential locks

DRIVELINE

- Meritor RPL25SD
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BRAKES

- Brake options
 - Meritor Q+ cast spider cam brakes
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- Large Cross Section (LCS)
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 - 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
- Round hydraulic tanks
 - 227L
 - Various split tanks

TYRES

- Steer
 - Michelin X Multiway 3D XZE 295/80R22.5
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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)
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- Tyre Pressure Monitoring System (TPMS) (optional)
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RATINGS

- GVM: 26t
- GCM: Up to 106t Road Train *refer to Freightliner Engineering for higher GCM ratings

TARE MASS

Cascadia 126 Day Cab:

| Wheelbase (mm) | Front (kg) | Rear (kg) | Total (kg) |
|----------------|------------|-----------|------------|
| 4425 | 4,600 | 3,600 | 8,200 |

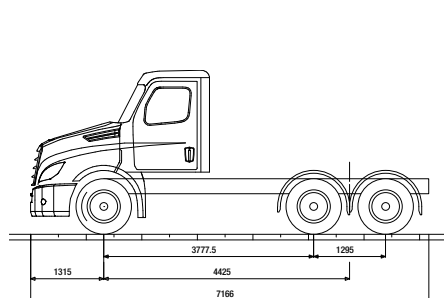
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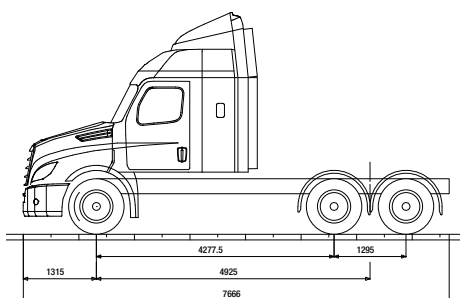
Cascadia 126:

| Cab Type | BBC (mm) | Cab Height (mm) |
|----------|----------|-----------------|
| Day Cab | 3,220 | 3,030 |
| 36" XT | 3,920 | 3,455 |
| 48" XT | 4,220 | 3,455 |
| 60" XT | 4,520 | 3,455 |
| 60" RR | 4,520 | 4,075 |

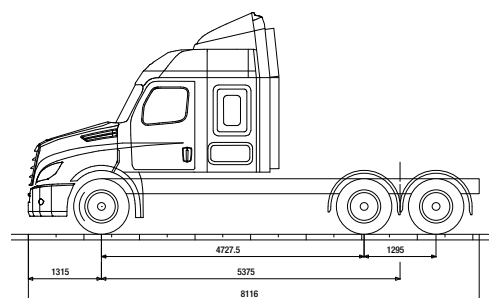
DAY CAB



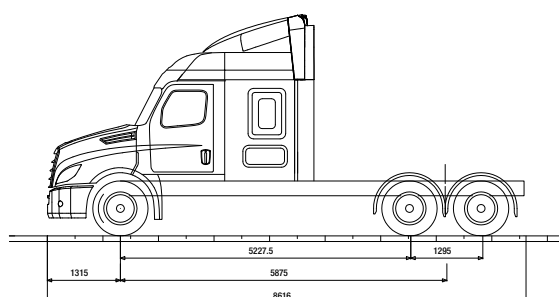
36" XT SLEEPER CAB



48" XT SLEEPER CAB



60" XT SLEEPER CAB



60" RR SLEEPER CAB

