



# CENTURY CLASS. CST112.

## KEY

- Feature with selectable options listed
- Feature Common to all variants

## CONFIGURATION

- **Truck and Trailer Package:**
  - Air lines to end of frame and electrics to rear of cab
  - Battery box single outboard LHS frame mounted
  - Painted fixed rear mudflap brackets
- **Prime Mover Package:**
  - Fifth wheel mounting angles
  - Air lines and electrics to BOC
  - Rear of cab exterior grab handles with rubber inserts
  - Stainless steel sprung rear mudflap brackets

## CABINS / SLEEPERS

- CST112, 6x4 or 8x4 set back front axle
- Cab
  - Day Cab
  - 34" Mid roof sleeper cab

## ENGINE

- Detroit Diesel DD13, In Line 6 cylinder (12.8 litre)
- 450 hp (336 kW), 1,650 lb-ft
- Exhaust, Horizontal ATD (After Treatment Device) and horizontal outlet
- 1,625 in<sup>2</sup> (10,484 cm<sup>2</sup>) aluminum radiator
- Donaldson PowerCore air filter
- Borg Warner Electric Viscous Fan Drive

## ELECTRICAL

- Alternator, 12 volt Leece-Neville, 185 Amp brushless
- Battery Box location depends on option combinations
  - Mounted between the rails
  - Single outboard box LHS frame mounted under cab
- 4 x 12 Volt AGM batteries

## CLUTCH

- Eaton 15 1/2" twin ceramic disc clutch
  - Advantage self adjusting
- Aluminum clutch housing

## TRANSMISSION

- To suit engine and GCMS
  - Eaton Manual
  - Eaton UltraShift with SmartShift™ paddle
  - Allison 4500 RDS with the provision for transmission PTO

## FRONT AXLE / SUSPENSION / STEERING

- Packages
  - 6.35 tonne - Meritor, FG941 axle (capacity 6,624 kg) with 14K parabolic taper leaf springs (capacity 6,620 kg) and TRW THP60 power steering box (capacity 6,350 kg)

## REAR AXLE

- Meritor, capacity
  - MT40-14XGP, 18,140 kg
  - RT46-160GP, 20,870 kg
- Driver Controlled Differential Locks (DCDL)
- Meritor Steelite X30 brake drums
- ConMet Pre-Set Plus aluminum rear hubs

## REAR SUSPENSION

- Suspension, capacity
  - Freightliner AirLiner™ 40K, Air Bag, 18,140 kg
  - Freightliner AirLiner™ 46K, Air Bag, 20,870 kg
- Dual leveling valves

## DRIVELINE

- Meritor MXL 176T with 17T inter axle drive shafts

## BRAKES

- Brakes
  - Meritor S Cam brakes with auto slack adjusters
- Traction Control with or without Roll Stability Control (6x4 Prime Mover only)
- Wabco ABS anti-lock brake

## CHASSIS

- Frame section
  - 8.7 x 88.9 x 277.8 mm
- Frame insert
  - 6.35 mm C-channel partial or full length insert
- End of frame

- Prime movers are tapered with 1,425 mm rear overhang
- Trucks are straight with 1,650 mm rear overhang
- Wheelbases available up to 7.0 metres
- Yield strength 870 MPa with Grade 8 threaded hex head frame fasteners
- Front frame tow hooks
- 87 db to 112 db self adjusting reverse alarm

## FUPD – ADR84/00 Compliant

- Front Underrun Protection Device (FUPD)

## FUEL TANKS

- Tanks - 25" diameter
  - Fuel tanks from 227 litres
  - Hydraulic oil tanks / split hydraulic - fuel tanks

## TYRES

- Steer
  - Michelin XZE2+ 275/70R22.5
  - Michelin X Multiway 3D 295/80R22.5
  - Michelin X Multi D 11R22.5
- Drive
  - Michelin XZE2+ 275/70R22.5
  - Michelin X Multi D 11R22.5
  - Michelin XDE M/S 11R22.5

To speak to your nearest authorised Freightliner dealer visit [www.freightliner.co.nz](http://www.freightliner.co.nz). Freightliner is a registered trademark of Daimler Trucks North America LLC. Vehicle as shown includes options and accessories available at additional cost to standard specifications. Information in this brochure was correct as at January 2017. However, the manufacturer reserves the right to discontinue or make changes to design, specifications and options without notice. Part Number: ZCST112SS

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[www.freightliner.co.nz](http://www.freightliner.co.nz)

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## WHEELS

- Steer and Drive
- 8.25" x 22.5" Alcoa Dura-Bright disc, 10 stud 285 mm PCD

## CAB FEATURES - INTERIOR

- Flat floor throughout cab and sleeper area
- Air adjustable tilt and telescopic steering column
- 455 mm Charcoal gray steering wheel
- Sleeper cab privacy curtains for all windows
- Drift woodgrain with black instrument bezels
- Cruise control
- Delphi AM/FM Radio with CD and Bluetooth
- Interior sleeper trim
  - Cloth
  - Vinyl
- Seats
  - Xtreme HD seat with 3 point integrated belts, high back air-suspension driver and fixed passenger seat with lumbar support, seat cushion tilt/length control
  - Premium high back air-suspension driver and passenger seat with lumbar support, seat cushion tilt/length control, B-pillar mounted seat belts

## INSTRUMENTS

- ICU4 Driver Message Centre
- Low air pressure warning light and buzzer
- Primary / secondary air pressure gauges
- Tandem rear axle temperature gauges
- Electric engine coolant temperature gauge
- Engine oil temperature and pressure gauges
- Transmission oil temperature gauge
- Voltmeter
- Analogue clock
- Two extra switches with indicator lights wired to back of cabin

## CAB FEATURES - EXTERIOR

- Lightweight aluminum construction cab with Henrob self piercing rivets, which exceeds stringent European ECE-R29 crash-worthiness standard
- Two piece curved windscreen sloped at an optimal angle of 24°
- Electric wipers with delay and 8 litre windshield washer reservoir
- Aerodynamic mirrors are electronically adjustable and heated with spotter mirrors and passenger down-view mirror
- Dual Air horns with lanyard
- Power electric windows
- AM/FM/WB mirror mounted with wiring for CB antenna
- Spotlights over LH& RH doors
- Aerodynamic Equipment to suit all applications

## PAINT

- Customer options available
- Note:- Special colours require additional lead time.*

## GVM / GCM

GVM / GCM	GVM (kg)	Standard GCM (kg)
6x4	24,000	Up to 58,000
8x4	30,210	Up to 58,000

GVM / GCM ratings are for standard equipment only in on-highway operation. GVM / GCM ratings may vary depending on individual vehicle specifications. Off-highway operations and higher GCMs are available with approved TAD.

## DIMENSIONS CST112

Cab Type	BBC (mm)	OA Cab Height Unladen (mm)*
Day Cab	2,878	2,863
34" Sleeper	3,527	3,083

Cab Type FOH 1,237 mm	WB (mm)	OA Length (mm)
Day Cab	4,350	7,021
34" Sleeper	4,800	7,462

\* For 258.8 mm rail, 11R22.5 tyres and Freightliner AirLiner 40K, excludes aerodynamic equipment.

Note 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.