

# 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, 4x2 or 6x4 set back front axle
- Cab
- Day Cab
- 34" Mid roof sleeper cab
- 48" 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 vertical outlet
- 1,625 in<sup>2</sup> (10,484 cm<sup>2</sup>) aluminum radiator
- Donaldson PowerCore air filter
- Horton two speed DriveMaster Polar Extreme fan clutch

## 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 ½" twin ceramic disc clutch
- Advantage manual adjusting
- Advantage self adjusting
- Aluminum clutch housing

## TRANSMISSION

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

## POWER TAKE OFF

- Muncie with Allison transmissions

## FRONT AXLE / SUSPENSION / STEERING

- Packages
- 6.5 tonne - Meritor, MFS16-122A axle (capacity 7,258 kg) with 16K parabolic taper leaf springs (capacity 7,258 kg) and TRW THP60 + RCH45 power steering boxes (capacity 7,350 kg)
- 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
- RS23-186 for 4x2, 10,435 kg
- MT40-14xGP, 18,140 kg
- RT40-145GA, 18,140 kg
- RT46-160GP, 20,870 kg
- Driver Controlled Differential Locks (DCDL)
- Meritor Steelite X30 brake drums
- ConMet Pre-Set aluminum rear hubs

## REAR SUSPENSION

- Suspension, capacity
- Freightliner AirLiner™ 23K, Air Bag for 4x2, 10,435 kg
- Freightliner AirLiner™ 40K, Air Bag, 18,140 kg
- Freightliner AirLiner™ 46K, Air Bag, 20,870 kg
- Freightliner TufTrac™ 40K, 6 rod/steel spring, 18,140 kg
- Freightliner TufTrac™ 46K, 6 rod/steel spring, 20,870 kg
- Hendrickson PRIMAAX™ EX 460, Air Bag, 20,870 kg
- Dual leveling valves

## DRIVELINE

- Driveline
- Meritor RPL 25SD with RPL20 inter axle Drive Shafts
- Dana Spicer 1810HD with 1710 inter axle

## BRAKES

- Brakes
- Meritor S Cam brakes with auto slack adjusters
- Bendix disc brake, available only with the 6.35 tonne front axle package
- Traction Control with or without Roll Stability Control
- Wabco ABS anti-lock brake

## CHASSIS

- Frame section
- 8.7 x 88.9 x 258.8 mm
- 8.7 x 88.9 x 277.8 mm
- 11.1 x 93.7 x 282.6 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 Huckspin 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+ 295/80R22.5
- Michelin XZA2 Energy 315/80R22.5
- Drive
- Michelin XDE2+ 11R22.5
- Michelin XDE M/S 11R22.5

## WHEELS

- Steer and Drive
- 8.25" x 22.5" Alcoa disc, 10 stud 285 mm PCD
- 9.00" x 22.5" Alcoa disc, 10 stud 285 mm PCD (steer only)
- 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

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#### KEY

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

- 455 mm Charcoal gray steering wheel
- Sleeper cab privacy curtains for all windows
- Drift woodgrain with black instrument bezels
- Cruise control
- AM/FM radio preparation kit with speakers
  - Interior sleeper trim
  - Cloth
  - Vinyl
  - Seats
  - EzyRider® II high back air-suspension driver and passenger seat with lumbar support, seat cushion tilt/length control
  - EzyRider® II high back fixed passenger seat with toolbox storage
    - Driver's-side SRS air bag with base 505 mm diameter steering wheel

#### 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 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/CB antenna dual mirror mounted
- 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)
4 x 2	16,000	46,000
6 x 4	24,000	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.

#### TARE WEIGHT

WB (mm)	Front (kg)	Rear (kg)	Total (kg)
4,350	4,287	3,090	7,377

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

#### DIMENSIONS CST112

Cab type	BBC (mm)	OA Cab Height Unladen (mm)*
Day Cab	2,878	2,863
34" Sleeper	3,527	3,083
48" Sleeper	3,877	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
48" Sleeper	5,450	8,112

\* 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.