



# COLUMBIA CL112.

## KEY

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

## CONFIGURATION

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

## CABINS / SLEEPERS

- Columbia CL112 6x4, 8x4, set back front axle
- Day Cab

## ENGINE

- Cummins ISLe5, In Line 6 cylinder (8.9 litre) Upgradeable to 400 hp with no engine hardware change
- 340 hp (250 kW), 1,106 lb-ft
- 400 hp (294 kW), 1,254 lb-ft
- Exhaust
  - RH horizontal ATD (After Treatment Device) and horizontal outlet
  - LH vertical ATD and vertical outlet
- 1,300 in<sup>2</sup> (8,387 cm<sup>2</sup>) aluminum radiator Horton On/Off DriveMaster fan clutch
- Diesel Exhaust Fluid (DEF) or AdBlue tank 80 litres or 45 litres.

## ELECTRICAL

- Alternator, 12 volt Leece-Neville, 185 Amp brushless
- 3 x 12 Volt AGM batteries
- Single outward battery box LHS frame mounted.

## CLUTCH

- Eaton 14" or 15 1/2" twin ceramic disc clutch
  - Advantage manual adjusting
  - Advantage self adjusting
- Aluminum clutch housing

## TRANSMISSION

- To suit engine torque and GCM requirements.
- Eaton Manual, UltraShift Plus
- Allison 3000 RDS & 4500 RDS

## FRONT AXLE /

### SUSPENSION / STEERING

- Packages
  - Meritor, FG941 axle (capacity 6,624 kg) with 14K parabolic taper leaf springs (capacity 6,620 kg) and TRW THP60 RCH45 power steering box (capacity 6,350 kg) 6.35 tonne
  - Meritor twin steer, MFS14 axle (capacity 6,624 kg) with 14K parabolic taper leaf springs (capacity 6,620 kg) and TRW THP60 & RCH60 power steering box

## REAR AXLE

- Meritor
  - MT40-14XGP
  - RT46-160GP
- Driver Controlled Differential Locks (DCDL)
- Meritor Steelite X30 brake drums
- ConMet Pre-Set Plus aluminum rear hubs

## REAR SUSPENSION

- Suspension
  - Freightliner AirLiner™ 40K, Air Bag
  - Freightliner AirLiner™ 46K, Air Bag
- Dual leveling valves

## DRIVELINE

- Driveline
  - Meritor MXL 176T with 17T inter axle
  - Meritor RPL 25SD with RPL20 Inter axle

## BRAKES

- Brakes
  - Meritor S Cam brakes with auto slack adjusters
- Traction Control
- Wabco ABS anti-lock brake
- Roll Stability Control
  - 6x4 Prime Mover
  - Agitator Spec also available

## CHASSIS

- Frame section
  - 8.7 x 88.9 x 258.8 mm
  - 8.7 x 88.9 x 277.8 mm
- Frame insert
  - 6.35 mm C-channel partial or full length insert

- End of frame
  - Rigid truck with 1,650 mm square end rear overhang
  - Prime movers are tapered with 1,425 mm rear overhang
- Wheelbases available up to 7,000 mm
- Yield strength 827 MPa with Grade 8 threaded hex head frame fasteners
- 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 Z 11R22.5
- Drive
  - Michelin XZE2+ 275/70R22.5
  - Michelin X Multi D 11R22.5
  - Michelin XDE M/S 11R22.5

## WHEELS

- Steer and Drive
  - 8.25" x 22.5" Alcoa Dura-Bright disc

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

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## CAB FEATURES - INTERIOR

- Flat floor throughout cab
- Air adjustable tilt and telescopic steering column
- 455 mm VIP Charcoal grey steering wheel
- Drift woodgrain with black instrument bezels
- Cruise control
- Delphi AM/FM Radio with CD and Bluetooth
- Interior trim
  - Cloth
  - Vinyl
- Seats
  - XTREME HD Driver's air suspension seat with integrated 3 pt seat belt

## 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 (Optional)
- 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
- Aerodynamic Equipment to suit all applications

## PAINT

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

## GVM / GCM

GVM / GCM	GVM (kg)	Optional GCM (kg)
6x4 Mixer	24,000	28,400
8x4 Mixer	28,500	32,000
6x4 Prime Mover	24,000	40,000

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 CL112

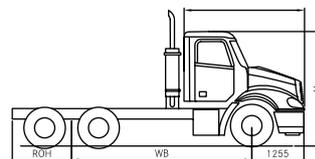
Cab Type	BBC (mm)	OA Height*
Day Cab	2,896	2,903

Axle	WB (mm)	OAL
6x4 Rigid	4,900	7,805
8x4 Rigid	5,450	8,355
6x4 Day Cab Prime Mover	4,350	7,030

\* For 258.8 mm rail, 11R22.5 tyres and Freightliner AirLiner 46K, excludes aerodynamic equipment.

Note maximum fording depth is the lowest of the following:- the lowest point of the horizontal ATD, the outlet for the horizontal exhaust or the centre line of the steer axle hub.

## 6X4 DAY CAB



## 8X4 DAY CAB

