

COLUMBIA CL112. CONSTRUCTION.

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
- Trailer controls
- Air lines to end of frame and electrics to rear of cab

CABINS / SLEEPERS

- Columbia CL112 6x4, 8x4, 10x4, set back front axle
- Day Cab

ENGINE

- Cummins ISL, In Line 6 cylinder (7.9 litre) Upgradeable to 400 hp with no engine hardware change
- 320 hp (235 kW), 996 lb-ft
- 340 hp (250 kW), 1,106 lb-ft
- 360 hp (265 kW), 1,180 lb-ft
- 380 hp (280 kW), 1,254 lb-ft
- 400 hp (294 kW), 1,254 lb-ft Exhaust
- RH horizontal ATD (After Treatment Device) and horizontal outlet
- LH vertical ATD and outlet
- 1,300 in2 (8,387 cm2) aluminum radiator
- Horton On/Off DriveMaster fan clutch
- Diesel Exhaust Fluid (DEF) or AdBlue tank 80 litres for 6x4 and 45 litres for 8x4 and 10x4

ELECTRICAL

- Alternator, 12 volt Leece-Neville, 160 Amp brushless
- Batteries
- 2 x 12 Volt batteries
- 3 x 12 Volt AGM batteries

CLUTCH

- Eaton 14" or 15 ½" twin ceramic disc clutch
- Advantage manual adjusting
- Advantage self adjusting
- Aluminum clutch housing

TRANSMISSION

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

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)
- Twin steer - Meritor, MFS14 axle (capacity 6,624 kg) with 14K parabolic taper leaf springs (capacity 6,620 kg) and TRW THP60 & RCS45 power steering box

REAR AXLE

- Meritor, capacity
- MT40-14XG, 18,140 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™ 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 HLM-2 lazy pusher axle suspension
- Dual leveling valves

DRIVELINE

- Driveline
- Dana Spicer 1760 HD with 1710 inter axle (Allison only)
- Dana Spicer 1810 HD with 1710 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

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
- Rigid truck with 1,650 mm square end rear overhang
- Wheelbases available up to 7.0 metres

- Yield strength 870 MPa with Huckspin 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+ 295/80R22.5
- Michelin XZE2+ 11R22.5
- Michelin XZA2 Energy 315/80R22.5 Drive
- Michelin XDE2+ 11R22.5
- Michelin XZE2+ 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
- Air adjustable tilt and telescopic steering column
- 455 mm VIP Charcoal gray steering wheel
- Drift woodgrain with black instrument bezels

To speak to your nearest authorised Freightliner dealer call 1300 66 22 30 or visit www.freightliner.com.au
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 and accessories available at additional cost to standard specifications.

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KEY

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

- Cruise control
- AM/FM radio preparation kit with speakers
- Interior 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 o
- 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)
6 x 4	24,000	28,500
8x4	28,500	32,000
10 x 4	32,000	36,000

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 CONSTRUCTION

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

Axle Type FOH 1,255 mm	WB (mm)	OA Length (mm)
6x4	4,900	7,805
8x4	5,450	8,355
10x4	6,475	9,380

* 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 ATD, the outlet for the horizontal exhaust or the centre line of the steer axle hub.