

# CORONADO SD. SEVERE DUTY.

## 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

- Coronado 122, 6x4, set back front axle Cab
- Day Cab
- 34" Mid roof sleeper cab
- 48" Mid roof sleeper cab
- 58" XT roof sleeper cab
- 58" Raised roof sleeper cab

## ENGINE

- Detroit Diesel DD15. Upgradeable to 560hp with no engine hardware change
- 500 hp (373 kW), 1,850 lb-ft
- 530 hp (395 kW), 1,850 lb-ft
- 560 hp (418 kW), 1,850 lb-ft
- Cummins ISX/Signature Upgradeable to 600 hp with no engine hardware change
- 485 hp (362 kW), 1,850 lb-ft
- 500 hp (373 kW), 1,850 lb-ft
- 525 hp (392 kW), 1,850 lb-ft
- 550 hp (410 kW), 1,850 lb-ft
- 600 hp (448 kW), 1,850 / 2,050
- Exhaust, horizontal After Treatment Device (ATD) and vertical outlet
- 1,900 in<sup>2</sup> (12,258 cm<sup>2</sup>) aluminum radiator

- Donaldson PowerCore air filter with dual pre-filters
- Horton 2 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 (3,700 CCA)

## 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 with SmartShift™ paddle

## 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
- RT46-160GP, 20,870 kg
- RT50-160GP, 22,675 kg
- RT52-185GP, 23,580 kg
- RT52-380GP, 23,580 kg
- Driver Controlled Differential Locks (DCDL) Meritor Steelite X30 brake drums
- ConMet Pre-Set aluminum rear hubs

## REAR SUSPENSION

- Suspension, capacity
- Freightliner AirLiner™ 46K, Air Bag, 20,870 kg
- Hendrickson PRIMAAAX™ EX 460, Air Bag, 20,870 kg
- Freightliner TufTrac™ 46K, 6 rod/steel spring, 20,870 kg
- Neway AD-246, Air Bag, 20,870 kg
- Dual leveling valves

## DRIVELINE

- Meritor RPL 25SD with RPL20 inter axle Drive Shafts

## 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 straight with 1,650 mm 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 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

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#### KEY

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#### CAB FEATURES - INTERIOR

- Flat floor throughout cab and sleeper area
- Air adjustable tilt and telescopic steering column
- 455 mm VIP chrome and leather wrapped steering wheel
- Sleeper cab privacy curtains for all windows
- Burl woodgrain with bright finish instrument bezels
- Cruise control
- Radio preparation kit
- Air Conditioning
  - 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

- ICU4M Driver Message Centre (DMC) with 2x20 display, keypad and ivory face gauges
- Low air pressure warning light and buzzer
- Primary / secondary brake circuit 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 wiring 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 & 8 litre windshield washer reservoir
- Aerodynamic bright mirrors are electronically adjustable and heated with spotter mirrors and passenger down-view mirror
- Dual Air horns with lanyard
- Electric windows & door locks
- 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	80,000 (B-Double)	90,000 (R-Train)

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)
4,400	4,543	3,493	8,036

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 CORONADO SD

Cab type	BBC (mm)	OA Cab Height Unladen (mm)*
Day Cab	3,136	2,981
34" Sleeper	3,786	3,195
48" Sleeper	4,136	3,195
58" XT sleeper	4,386	3,496
58" RR sleeper	4,386	4,064

Cab Type FOH 1,196 mm	WB (mm)	OA Length (mm)
Day Cab	4,400	7,021
34" Sleeper	5,000	7,621
48" Sleeper	5,450	8,071
58" Sleeper	5,600	8,221

\* For 277.8 mm rail, 11R22.5 tyres and Freightliner AirLiner 46K, excludes aerodynamic equipment.

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.