

SIGNA 2518 REEFER CONTAINER TRUCK WITH AMT

This vehicle will demonstrate the fully built capability of Tata Motors in the fast growing multi axle containerized freight space with superior features for enhanced drivability like AMT (Automated Manual Transmission) yielding unique benefits like fatigueless driving, better fuel economy and even out the need for skilled drivers. This vehicle will also introduce the Signa range of cabins, which is most appreciated and preferred by existing tractor-trailer customers, on 25T GVW truck. This vehicle adds value to customer in terms of full vehicle warranty, instant usage readiness, chassis design aptness to specific application and acquisition cost advantage.

USP:

- This vehicle introduces AMT for Heavy Commercial Vehicles in India which enables Optimized gear shifting, Enhanced Drivability, Enhanced Fuel Economy and Enhanced clutch and transmission lifetime
- AMT automates clutch and shift actuation, helping drivers to focus on road traffic conditions, improves vehicle control, enhances driving comfort, eases out handling and improves vehicle safety and road safety
- AMT leads to reduced TCO due to lesser number of mechanical parts and lesser maintenance cost
- Signa Cabin: Unmatched driving comfort and ergonomics with air conditioning

Applications: Refrigerated applications like Meat, Frozen Desserts, Dairy Products, Pharmaceutical products

Technical Specifications:

Parameter	Description
Engine	Cummins ISBe 5.9L -180HP BS-IV Umbrella
Max Power	132.5 KW @ 2500rpm
Max Torque	700 Nm @ 1300 - 1800 rpm
Clutch Type	Single plate dry friction type-380mm dia 3.5 inch Electro Pneumatic clutch booster. No Clutch Pedal
Gear Box	Tata G750 AMT with 6 forward & 1 reverse
Front Axle	Heavy duty forged I beam Reverse Elliot Type - P2 Axle 7.5T
Rear Axle	TATA Single Reduction Axle
Suspension	Front- Parabolic Leaf Spring Assy-90mm, ARB at front Rear Semi-elliptical-80mm
Frame	Ladder type heavy duty frame with Riveted / bolted cross members & straight long member 285x65x7mm
Cab	Signa Sleeper AC Cab
Battery	12 V,120 Ah x 2Nos.
Service Brakes	Wabco ABS 4S 3M 8 Bar system with HSA'
Fuel Tank Capacity	400 liters
Tyres	295/80R22.5 at front and 445/65R22.5 at Rear
Features	AMT, AMT Display unit, AC cabin, Tubeless tyre, Alloy wheel
Wheel Base	6750 mm
Max Speed	80 kmph
Max Gradability	26%
GVW	25000 Kg

