



13.5M

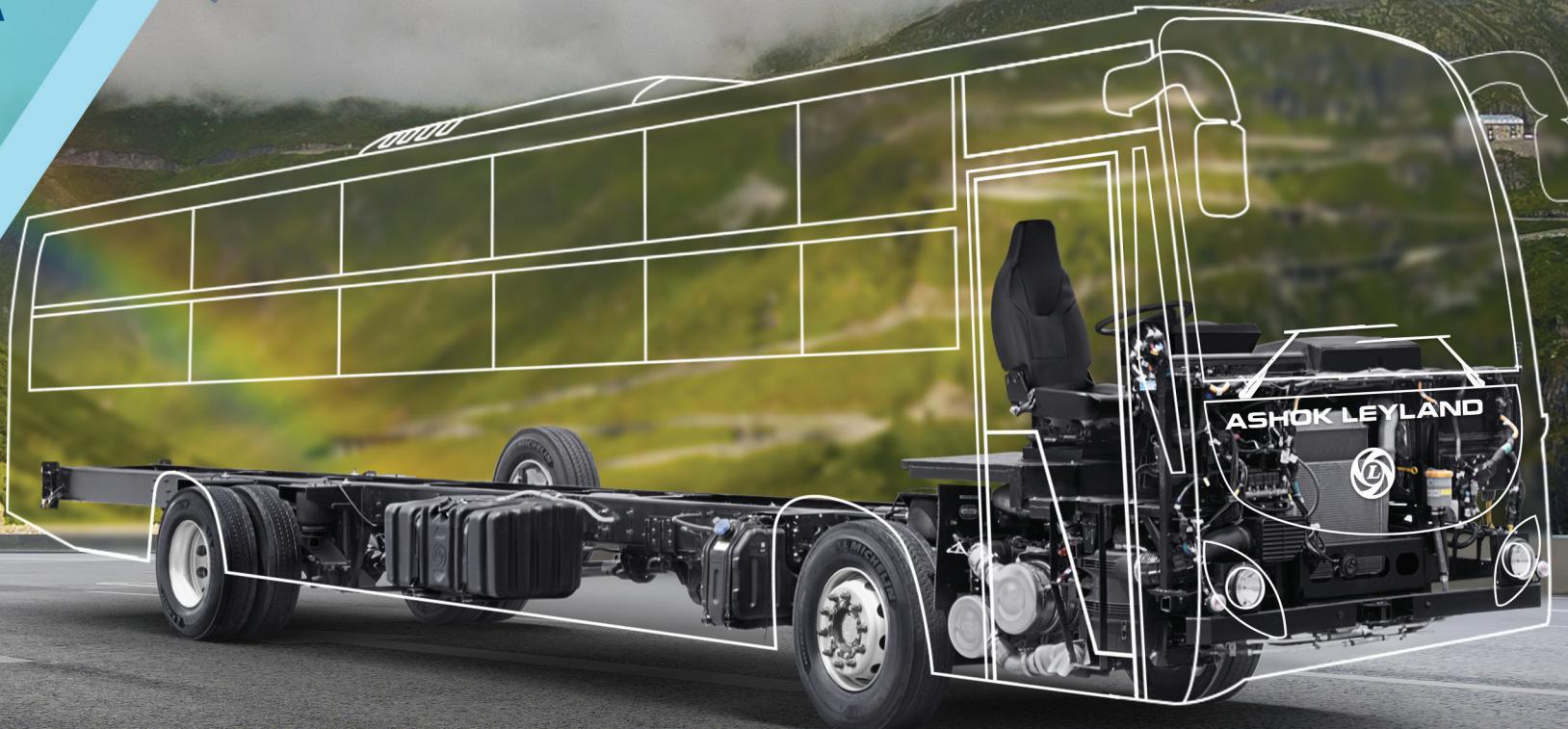
TF2513.5F6R



6 YEARS^{*}
LAKH km

DRIVELINE
WARRANTY

*whichever is earlier



Long distance
intercity sleeper



Long distance
intercity seater



Tourist



HINDUJA GROUP

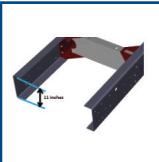
The new trendsetter from the Ashok Leyland family, 13.5M, comes equipped with modern technology to meet global demands. It is a true intercity bus, which offers best-in-class comfort for the passengers with a choice of full air suspension and direct drive for A.C. The longest in its category, the 13.5M offers the privilege of more legroom for better comfort and higher seating capacity to ensure higher returns for the operator. It is best suited for sleeper coach applications, which is a fast-growing segment in the country. The heavy-duty drive train, powered by the highest horsepower engine in its category, ensures more trips for the operator, the ease of non-stop driving for the driver, and a safe journey for the passenger.

SUPERIOR PERFORMANCE

Engine



- Proven i-Gen6 technology with the highest power
- Flat torque over a wider range of RPM for better drivability, ensures lesser gearshifts and maximum mileage
- Long-lasting engine life ensures higher profit



Chassis

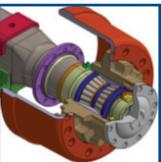
- 11" deep frame gives higher strength and longer life
- Full-depth cross-member provides higher rigidity

Unitized bearing



- No need for periodic servicing
- Unaltered factory setting ensures better wheel alignment

Tubeless tyres



- Better ride comfort
- Better fuel performance
- Better heat dissipation
- Helps avoid sudden loss of air in case of a puncture

EFFORTLESS DRIVE

Air-assisted hydraulic clutch



- Increased clamp load providing improved clutch life
- Hydraulic operation with clutch booster for effortless gear shift
- Flat flywheel and no face plate

Integrated pedal unit



- Better ergonomics and ease of accessibility
- Fit and forget with no further setting required
- Less pedal effort and pedal travel
- Optimal positioning of pedals for an untiring long-distance drive

Smooth cable gear shift



- Smooth and effortless gear shift reduces driver fatigue
- Lesser vibration and precise gear shift feel

Comfort and precise steering

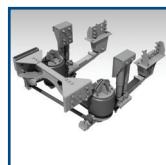


- Tilt and telescopic wheel adjustment option to suit driver's preference
- Better ergonomics and improved driver comfort
- Improved visibility of the driver console
- Better TCD enables easier maneuverability within city limits
- Simplified steering system without bevel box arrangement reduces maintenance

SAFE AND COMFORTABLE RIDE

Engine-driven A.C.

- Direct drive for A.C. compressor from the vehicle engine
- Modular arrangement - better belt life
- Better NVH due to non-requirement of auxiliary engine for A.C.



Engine Brake

- Ensures better control during downhill operation
- Improves service brake components' life
- Shorter braking distance



Front Suspension

- Two air bellows with 5 link suspension system at the front ensures a smooth ride for the passengers
- Lesser greasing points, lower maintenance cost

Disc brake

- Front disc brake optional for heavy-duty application
- Shorter braking distance increases driver's confidence
- Improved tyre life due to faster heat dissipation

Rear air suspension

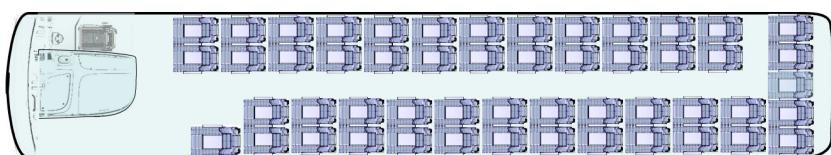
- Four bellow air suspension at the rear
- Outrigger mounted air bellow offers better stability
- Low noise, vibration and harshness

Retarder

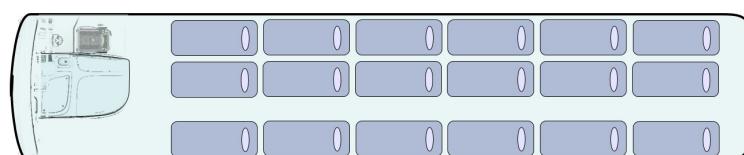
- Better braking efficiency
- Increases driver's confidence in high-speed operation
- Improved brake liner, drum, and other driveline components' life
- Improved tyre life
- Lesser friction, low noise

SEATING LAYOUT

TF2513.5F6R - 52+D (2x2) Push back seat with FOH door



TF2513.5F6R - 36 (2x1) Sleeper berth with FOH door



*Layout for representation purpose only. Accessories and features shown in pictures and elsewhere are optional, may not constitute standard fitment

TECHNICAL SPECIFICATIONS

13.5M - TF2513.5F6R

Engine	A Series BS VI - 4 Cylinder with i-Gen6 technology
Maximum power	185 kW (248 hp) @ 2200 rpm
Maximum torque	900 Nm @ 1100-1800 rpm
Clutch	Diaphragm type with air assisted hydraulic actuation
Transmission	6 speed synchromesh with overdrive, Cable shift system
Front suspension	Rubber ended leaf spring/ Air suspension
Rear suspension	Air suspension
Steering	Integral power assisted, Tilt and Telescopic
Rear axle	Fully floating single reduction hypoid with unitized bearing option
Brakes	Full air brakes dual line 'S'-cam with ABS, Front disc option
Tyres	295/ 80 R22.5 tubeless
Electricals	Battery: 24 V - 150 Ah/ 200 Ah (EMR variant) Alternator: 150 A
Fuel tank	375 L, Rectangular - Cross linked polymer tank
Auxiliary brake	Engine brake, Electro Magnetic Retarder option
A.C.	Provision for direct drive A.C.
DEF tank	48 L
Wheel base	7000 mm
Front overhang	2265 mm
Rear overhang	4000 mm
Overall length	13265 mm
GVW	18500 kg
Indicative seating capacity	2x2 - 52+D Push back seats 2x1 - 36+D Sleeper

• Specifications are subject to change in future considering continuous product improvements



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