

Jan Bus
WHERE COMFORT MEETS ECONOMY



ASHOK LEYLAND

The world's first **single-step entry,**
front engine and **fully flat floor** bus.



Defining new standards for city travel

Introducing a revolutionary concept in urban mobility - the Jan Bus from Ashok Leyland. An innovative, feature-rich and technologically advanced transportation solution, the Jan Bus has been engineered to deliver a smooth ride for passengers and an economical business proposition for owners.

650 mm above the ground, the fully-built Jan Bus gives you a uniform floor height - from the driver cabin to the rear of the bus. Its wide doors and single-step entry make boarding and alighting easier, while the stylishly cantilever-mounted seats and seat-mounted stanchions allow for ample leg room and also make cleaning and maintenance easier.

The interiors can be customised per specific requirements and we also offer AC and non-AC options. The 5-door placement possibility makes the Jan Bus modular to suit varied requirements of city bus, Bus Rapid Transit System (BRTS) as also for airport tarmac services.



The trademarked Automated Manual Transmission - LEYMATIC® - makes for a smoother drive, saving the driver the stress of strenuous gear shifts and difficult clutch operations. LEYMATIC® also improves the operating economics of the Jan Bus. And all this is powered by a 235 HP turbo-charged BS 4 compliant CNG MPFI engine that provides superior acceleration and makes for more efficient travel. Especially pedestrian safe, the front fascia of the Jan Bus is more shock absorbent reducing the degree of impact.

Intelligent and high-tech, the Jan Bus is complete with multiplexing, electronically controlled engine and gear-shift. The inbuilt infotainment system not just keeps passengers informed and entertained but also offers an interesting advertising opportunity.



A city drive with advantages

- One-step entry/exit and wide doors for easy boarding and alighting
- 235 HP engine that reduces journey time, provides better pick-up and helps the driver navigate bridges and flyovers easily
- 12-metre long bus with a uniform flat floor at 650 mm to carry more passengers
- Stepless floor through the length of the bus offers hassle-free movement of passengers
- Front engine configuration is designed to save on fuel and make the bus user-friendly



The Jan Bus can be customised to your needs

- Cantilever type side-mounted seats and seat-mounted stanchions facilitate clutter-free gangway
- Seat options to suit varied needs and applications
- Door placement options at 5 locations make it best suited for City/BRTS/Tarmac operations
- HVAC for comfort in hot and cold climactic conditions
- Ramp for wheelchair access
- Manual transmission/automated manual transmission
- Elegantly designed driver work space
- Infotainment package to suit different requirements
- Front, rear and internal cameras to assist driver for better safety

Economy begins with fuel efficiency

- Multi-point fuel injection and distributor-less ignition system
- Optimised drive-train with LEYMATIC® - Automated Manual Transmission
- Electronic engine management system for optimal fuel delivery at varying operating conditions



A happy ride begins with a happy driver

- Automated Manual Transmission reduces driver fatigue
- Ergonomically designed driver work space
- Tilttable and height-adjustable steering
- Steering column mounted dash-board that moves along with the steering column for better visibility and ergonomics for different drivers
- Front and rear view cameras to help navigate 'blind spots'



Technical Specifications

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Engine	H Series 6 cylinder CNG MPFI engine meeting BS4 emission norms
Power	235 HP @ 2400 rpm
Torque	720 Nm @ 1600 – 1800 rpm
Clutch	380 mm Axial Spring
Gearbox	6 speed synchromesh with LEYMATIC® – Automated Manual Transmission
Front Axle	I – section, non-driven, reverse Elliot type
Rear Axle	Fully floating heavy duty axle
Steering	Hydraulic power assisted
Suspension	Full air suspension with anti-roll bar and double acting telescopic shock absorbers at front and rear
Tyres	295 / 80 R 22.5 Tubeless
Brakes	
Front	Drum / disc (optional)
Rear	Drum
CNG Cylinders	Roof-mounted
Overall Length	12,000 mm
Applications	City bus / BRTS / Tarmac
Air Conditioning	Direct drive from engine

PATENTS APPLIED FOR 16 FEATURES.

Seating Layout Options | Steps



City Bus Option 1
(Seating capacity 43 +D)



City Bus Option 2
(Seating capacity 43 + D)



Tarmac
(Seating capacity 19 + D)



BRTS
(Seating capacity 27 + D)



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