



ASHOK LEYLAND

12M
THE SMART
LONG DISTANCE
RUNNER



POWERED BY FUEL EFFICIENT 'H' SERIES ENGINES | CHOICE OF 160 HP , 183 HP AND 225 HP ENGINES
SYNCHROMESH OVERDRIVE GEARBOX FOR BETTER FUEL ECONOMY



HINDUJA GROUP



WHEN IT COMES TO LONG DISTANCE JOURNEYS, THERE IS NO MATCH FOR ASHOK LEYLAND 12M FRONT ENGINE BUSES. THE 12M PROVIDES THREE OPTIONS OF POWER RANGE TO MATCH VARIED OPERATING NEEDS OF FUEL EFFICIENCY, FASTER TRIP, LOW MAINTENANCE COST AND COMFORT. AVAILABLE IN A/C AND NON-A/C OPTIONS, THE 12M PROVIDES GOOD RIDE COMFORT FOR LONG JOURNEYS WHICH KEEPS YOUR PASSENGERS AND DRIVER SAFE AND COMFORTABLE.

160 HP (INLINE FIP)



Powered by world's first engine with inline fuel pump compliant to BS3 emission norms, it has rugged aggregates which are low in maintenance and high on performance making the vehicle more economical.

APPLICATIONS	Intercity, Tourist, Mofussil.
KEY FEATURES	Highly customer friendly Inline Fuel Injection Pump (FIP) with Mechanical Governor.
ADVANTAGES	<ul style="list-style-type: none"> → 6 speed OD Gearbox for better fuel economy → Wider brakes for better braking and enhanced service life → Aesthetically improved instrument cluster with electronic speedometer and engine RPM meter

183 HP (EDC)



With its Powerful 183 HP engine and advanced Electronic Diesel Control (EDC) it gives faster Turn Around good fuel economy, Rugged aggregates which are low in maintenance and high in performance making the vehicle more robust and reliable.

APPLICATIONS	Intercity, Tourist, Mofussil.
KEY FEATURES	Higher power for better turn around time Electronic Diesel Control (EDC) for consistent performance.
ADVANTAGES	<ul style="list-style-type: none"> → EDC with its sensors, safeguards the engine → 6 speed OD Gearbox for better fuel economy → Wider brakes for better braking and enhanced service life → Aesthetically improved instrument cluster with electronic speedometer and engine RPM meter.

225 HP (CRS)



Powered by most advanced 'H' Series Common Rail 225 HP BS3 engine gives faster turnaround and good fuel economy. A quiet and smooth engine, a soft suspension and a rugged driveline makes the journey a joy for today's demanding passengers.

APPLICATIONS	Intercity Luxury, Tourist, AC Coaches
KEY FEATURES	Powerful, quieter and smoother CRS engine with optimised performance. Engine driven AC. Electromagnetic retarder as standard fitment.
ADVANTAGES	<ul style="list-style-type: none"> → 6 speed OD Gearbox for better fuel economy → Wider brakes for better braking and enhanced service life → Clutch booster for smoother gear shifts → Aesthetically improved instrument cluster with electronic speedometer and Engine RPM meter → Optional ABS for All India Tourist Permit Buses

SPECIFICATION

	12M - 160 HP (INLINE FIP)	12M - 183 HP (EDC)	12M - 225 HP (CRS)
Engine	'H' Series (6ETI3K), 6 Cylinder Diesel BS3	'H' Series HA135LT3, 6 Cylinder Diesel BS3	'H' Series HA57L165, 6 Cylinder Diesel BS3
Maximum power	118 kW (160 HP) @ 2400 rpm	135 kW (183 HP) @ 2500 rpm	165 kW (225 HP) @ 2500 rpm
Maximum torque	550 Nm @ 1500 - 1700 rpm	550 Nm @ 1500 - 2100 rpm	800 Nm @ 1400 - 1900 rpm
Clutch	353mm Dia (14") Single Plate Dry Type, Hydraulic actuation	353mm Dia (14") Single Plate Dry Type, Hydraulic actuation	381mm Dia (15") Single Plate Dry Type, Hydraulic actuation with Clutch booster
Transmission	6 Speed S6 36 synchromesh ODGB	6 Speed S6 36 synchromesh ODGB	6 Speed 6S 850 synchromesh ODGB
Rear axle	Fully Floating, Single speed hypoid gear	Fully Floating, Single speed hypoid gear	Fully Floating, Single speed hypoid gear
Frame	All Steel Ladder Type, Bolted construction	All Steel Ladder Type, Bolted construction	All Steel Ladder Type, Bolted construction
Suspension	Front: Rubber ended leaf / Air Suspension Rear: Progressive Shackle multi leaf / Air suspension	Front: Rubber ended leaf / Air Suspension Rear: Progressive Shackle multi leaf / Air suspension	Front: Rubber ended leaf / Air Suspension Rear: Air Suspension
Steering	Integral Power Steering	Integral Power Steering	Integral Power Steering
Brakes	Full air, dual line, 'S' cam operated brakes	Full air, dual line, 'S' cam operated brakes	Full air, dual line, 'S' cam operated brakes with Electromagnetic retarder, ABS Optional
Parking Brake	Flick valve operated hand brake on rear wheels only	Flick valve operated hand brake on rear wheels only	Flick valve operated hand brake on rear wheels only
Battery	24 V (2 X 12 V) - 150 Amp. Hr	24 V (2 X 12 V) - 150 Amp. Hr	24 V (2 X 12 V) - 200 Amp. Hr
Tyres	10 R 20 - Radial / 10.00 x 20 - 16 PR Nylon	10 R 20 - Radial / 10.00 x 20 - 16 PR Nylon	10 R 20 - Radial / 10.00 x 20 - 16 PR Nylon
Fuel Tank (Litres)	350	350	350
Max Speed (Kmph)	80	91	94



Renowned for fuel economy 'H' series 6 cylinder Engines



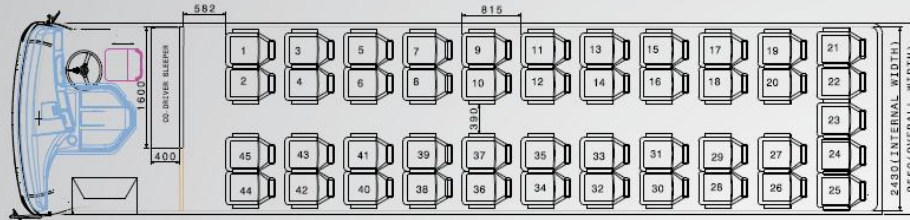
Wider brake lining for better brake response and higher life

MAJOR DIMENSIONS (mm)	ALPSV 4/170	ALPSV 4/169	ALPSV 4/157
Wheel Base	6200	6200	6200
Front Overhang	2026	2026	2026
Rear Overhang	3474	3474	3474
Overall Length	11700	11700	11700
Front Track	2020	2020	2020
Rear Track	1816	1816	1816
Min. Ground Clearance	260	260	260
Turning Circle Radius	9025	9025	9025
GVW (Kg)	16200	16200	16200



All New look integrated instrument cluster

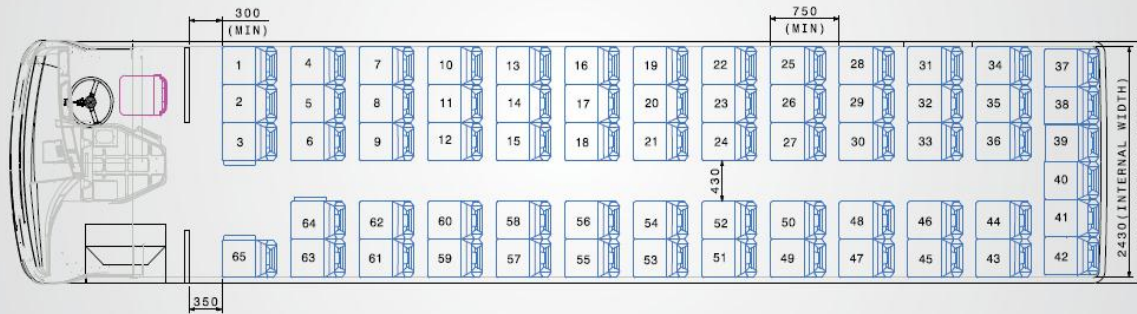
DELUXE -PUSHBACK - 2X2 LAYOUT - 45 SEATS



SUPER LUXURY - PUSHBACK - 2X2 LAYOUT - 40 SEATS



SEMI-DELUXE - HIGH BACK - 3 X 2 LAYOUT - 65 SEATS



Specifications are subject to change due to continuous improvements and are for reference only. Seating layouts shown are indicative only.



Total Maintenance Solutions



Covers Vehicle Aggregates For 3 Years / 3,00,000 kms



Hassle-free Maintenance For 2 Years / 2,00,000 kms



Original Quality Parts



24 X 7 National Helpline



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