

**ELECTRICAL SYSTEM**

Type : 24 V negative earth  
 Battery : 200 Amp. Hr.  
 (20 Hr. rating)  
 Alternator max output : 100 Amps

**PERFORMANCE DATA**

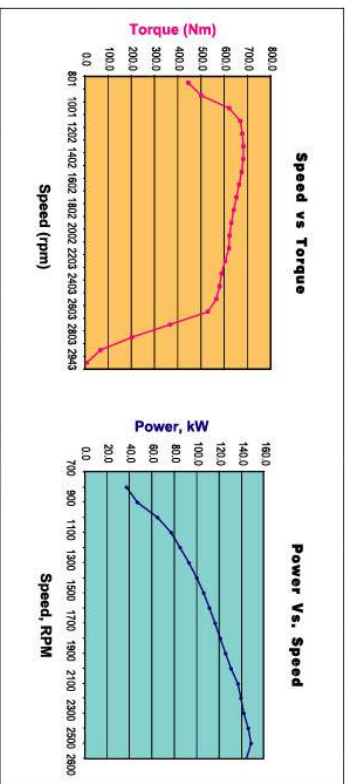
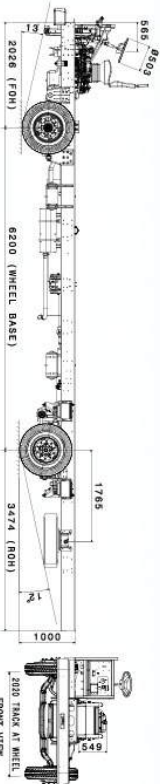
Max speed in top gear : 100 Km/h  
 Max gradeability % : 28.41  
**WEIGHTS (Kgs)**  
 Front axle : 6000  
 Rear axle : 10200  
 Total : 16200

**MAJOR DIMENSIONS**

(For chassis in mm)  
 Wheelbase : 6200  
 Front overhang : 2026  
 Rear overhang : 3407  
 Overall length : 11700  
 Overall width : 2550  
 Front track : 2020  
 Rear track : 1816  
 Min. ground clearance : 280  
 Turning circle dia : 21500  
 Angle of Approach : 12 deg (for Chassis)  
 Angle of Departure : 10 deg (for Chassis)

**Other Features:**

- a) Clutch Booster
- b) Electromagnetic Retarder
- c) Exhaust Brake
- d) Automatic slack adjusters



**ASHOK LEYLAND**

480, Anna Salai, Nandanam, Chennai - 600 035, INDIA.  
 Fax: +914424346220 www.ashokleyland.com

Authorised Dealer

Specifications are subject to change as per our policy of continuous improvement

12M Lux Liner / Sep '07/ 3000/ Exp



**ASHOK LEYLAND**



**12M LUX LINER**

# 12M LUX LINER

45 to 68 seats

## TECHNICAL SPECIFICATION



### ENGINE

**Bore x Stroke** : mm : WO 6DTI E-II Turbocharged intercooled diesel  
**Max output** : 104 x 113  
**Maximum torque** : 151KW (205 PS) @ 2500 rpm  
**Air filter** : 696 Nm (69.6 Kgm) @ 1303 rpm  
**Fuel filter** : Fleet Guard Fuel filter cum water separator  
**Fuel tank capacity** : litres : 350 Litres  
**Cooling type** : Pump circulated, pressurised cooling, thermostat controlled with deaeration tank

### CLUTCH

**Facing dia & thickness** : mm : 380 & 10  
**Total frictional area** : Sq.cms : 754

### GEAR BOX

**6 speed ZF 6.38 Synchronmesh**  
**I :** 6.93 **II :** 4.43 **III :** 2.63  
**IV :** 1.51 **V :** 1.00 **VI :** .84  
**Rev :** 7.22

### PROPELLER SHAFT

**No. of shafts** : 3  
**1600 series**

### REAR AXLE

**Axle capacity** : kgs : Fully floating single speed Hypoid Gear,  
**Axle Ratio** : 10200  
 5.83:1

### FRONT AXLE

**Capacity** : kgs : Forged I section reverse Elliot type  
 : 6000

### FRAME

**No. of cross members** : All steel ladder type  
**Frame dimensions** : bolted construction  
 : 8 + 1  
**(depth x width x thickness)** : mm : 275 X 85X 6.3

### SUSPENSION

**Shock absorber** : Air Suspension ( both front & rear )  
 : Double acting, telescopic  
 type both at front and rear



### STEERING

**Wheel dia** : mm : ZF Power assisted steering  
**Drive** : RH

### WHEELS & TYRES

**Rim size** : 2 nos. in front and 4 nos. in rear+1 spare  
**Type size** : B 7.5" x 20" - 160 mm (O/Hset)

### BRAKES

**Braking Area** : sq.cm : Full air pressure diaphragm operated  
**Lining thickness** : mm : on all wheels dual line circuit system  
**Parking brake** : 12.7 front, 12.7 rear  
 : Pneumatically operated on rear wheels only