



**ASHOK LEYLAND**



**FALCON BUS**



HINDUJA GROUP

## TECHNICAL INFORMATION

<b>ENGINE</b>	:H series W06DTI(Euro I)
Bore & Stroke (mm)	:104 x 113
Displacement (l)	:5.759
Max output	:180 ps @ 2400 rpm
Max. torque	:60 kgm @ 1600 rpm
Air filter	:Dry type with cleanable elements
Fuel filter	:prefilter on feed pump and 1.1L dual filter on pressure side.
Cooling system type	:Pump circulated pressurised cooling, thermostat controlled with deaeration tank.
<b>CLUTCH</b>	:350 dia diaphragm clutch - Rane Luke make - push type
Actuation	:Hydraulic
Facing dia (mm)	:350
Thickness (mm)	:10
Total frictionla area (cm <sup>2</sup> )	:1220
<b>GEAR BOX</b>	:ZF, 5 speed synchromesh type
Gear ratios	:1st - 7.2 : 1 , 2nd - 4.2 : 1 , 3rd - 2.44 : 1 , 4th - 1.454 : 1 , 5th - 1.00 : 1 , Rev. - 8.05 : 1
<b>PROPELLER SHAFT</b>	:1600 series with rubber mounted centre bearing
No of Propeller shaft	:3 Nos.
<b>REAR AXLE</b>	:RSI45-Fully floating single speed hypoid gear
Axle capacity (kg)	:10200
Axle ratio	:4.89 : 1
<b>FRONT AXLE</b>	:Forged I - section reverse elliot type
Axle capacity (kg)	:6000
<b>FRAME</b>	:All steel ladder type bolted
No of cross members	:8
Frame dimensions (mm)	:229 mm depth x 76 mm width x 6.35 mm thickness
<b>SUSPENSION</b>	:Semi-elliptic laminated multi leaf Weweller suspension, rubber ended for better shock absorbing
<b>STEERING</b>	:ZF Integral Power Steering (LH)
<b>WHEELS &amp; TYRES</b>	:2nos in the front and 4 nos in the rear
Rim size	:B7.50 x 20 - 165 mm offset
Tyre size	:10.00 x 20 - 16 PR Nylon
<b>BRAKES</b>	:Air pressure diaphragm operated with dual line arrangement
Total braking area (cm <sup>2</sup> )	:4640
Lining Thickness (mm)	:12.7
Parking brakes	:Flick valve operated pneumatic hand brake on rear wheels only
<b>ABS</b>	:OPTIONAL

### ELECTRICAL SYSTEM

TYPE	:24V negative earth
Battery	:150 Amp. Hr.(20 Hr.rating)
Alternator (max. output)	:55A

### PERFORMANCE DATA

Max. Speed in top gear (kmph)	:94
Max. gradeability	:1 in 6

### MAJOR DIMENSIONS(mm)

Wheelbase	:5639
Overall length	:10591
Overall width	:2500
Front Overhang	:1644
Rear Overhang	:3308
Front track	:2020
Rear track	:1816
Frame height (Laden)	:910
Minimum ground clearance	:250
Minimum turning circle radius	:11500

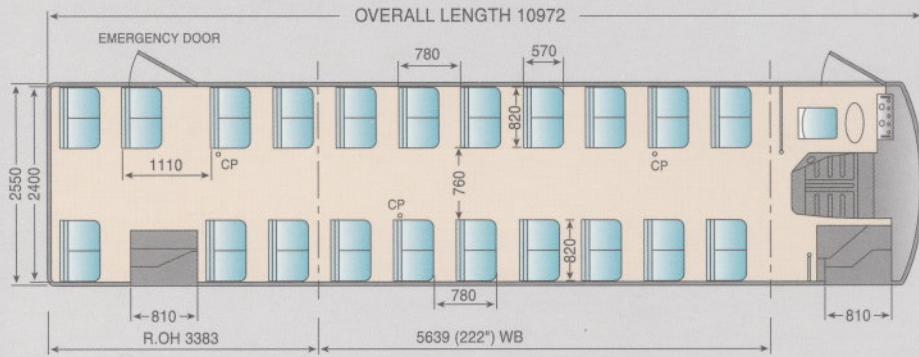
### WEIGHT(kg)

	UNLADEN	LADEN
Front axle	2760	6000
Rear axle	1920	10200
Total	4680	16200

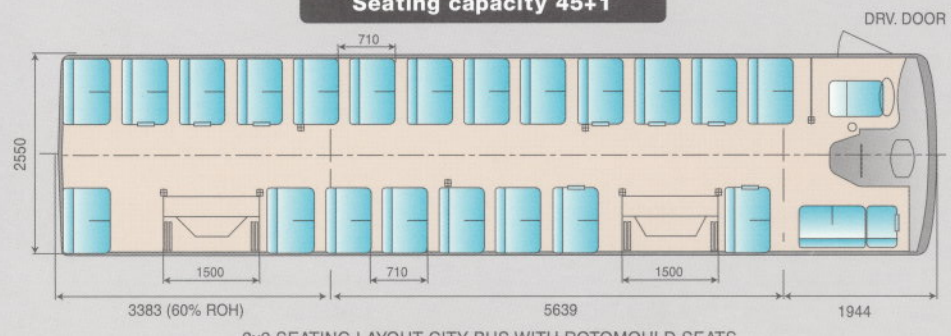


# SEATING LAYOUTS

**Seating capacity 42+1**

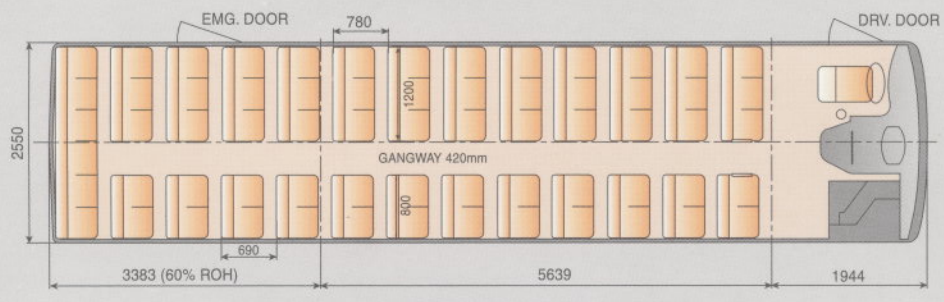


**Seating capacity 45+1**

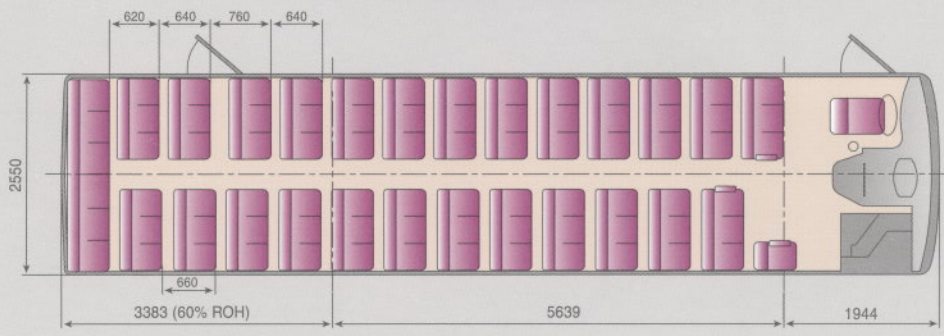


2x2 SEATING LAYOUT CITY BUS WITH ROTOMOULDED SEATS

**Seating capacity 66+1**



**Seating capacity 83+1**



**ASHOK LEYLAND**

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Authorised Dealer

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