



ASHOK LEYLAND



***FALCON CITY BUS***

# FALCON CITY BUS

## Technical information

<b>ENGINE</b> Bore & Store (mm) Displacement (l) Max output Max torque Air filter  Fuel filter  Cooling system type	H series W06DT 104 x 113 5.759 180 ps @ 2400 rpm 60 kgm @ 1600 rpm Dry type with cleanable elements Fleet guard - Fuel filter cum water separator on pressure side and Fuel Strainer before feed pump Pump circulated pressurised cooling thermostat controlled with dehydration tank.	<b>SUSPENSION</b> Weweller  <b>STEERING WHEEL &amp; TYRES</b> ZF Integral Power Steering (LH) 2nos in the front and 4 nos in the rear  Rim size Tyre size	Semi -elliptic laminated multi leaf suspension, rubber ended for better shock absorbing  10.00 x 20 - 16 PR Nylon												
<b>CLUTCH</b>  Actuation Facing dia (mm) Thickness (mm) Wear Allowance per side (in mm) Gross frictional area (cm <sup>2</sup> ) Gear Box Gear ratios	380 mm Dia Diaphragm clutch (Valeo) Hydraulic 380 10 1.5min 1508 ZF, 5 speed synchromesh type 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>BRAKE</b>  Total braking area (cm <sup>2</sup> ) lining Thickness (mm) Parking brakes	Air pressure diaphragm operated with dual line arrangement 4640 12.7 Flick valve operated Pneumatic hand brake on rear wheels only												
<b>PROPELLER SHAFT</b>  No of Propeller shaft	1600 series with rubber mounted centre bearing 3 Nos.	<b>OPTIONAL FITMENTS</b>  <b>ELECTRICAL SYSTEM</b> TYPE Battery Alternator (Max output)	Flettener Ventilators, LED Route Boards, CD player, ABS and A/C  24V negative earth 150 Amp. Hr. (20 Hr. rating) 55A												
<b>REAR AXLE</b>  Axle capacity (kg) Axle ratio	RS145-Fully floating single speed hypoid gear 10200 4.89 : 1	<b>PERFORMANCE DATA</b> Max. Speed in top gear (kpmh) Max. Gradeability	94 1 in 6												
<b>FRONT AXLE</b>	Forged I - section reverse elliot type 6000	<b>MAJOR DIMENSION (mm)</b> Wheelbase Overall length (Frame) Overall width (Bus) Front Overhang (Up to frame) Rear Overhang Front track Rear track Frame height (Laden) Minimum ground clearance Minimum turning circle radius	5639 10591 2500 1644 3308 2020 1816 910 250 11500												
<b>FRAME</b> No of Cross members Frame dimensions (mm)	All steel ladder type bolted 8 229 mm depth x 76 mm width x 6.35 mm thickness	<b>WEIGHT (kg)</b> Front axle Rear axle Total	<table border="1"> <thead> <tr> <th></th> <th>UNLADEN</th> <th>LADEN</th> </tr> </thead> <tbody> <tr> <td>Front axle</td> <td>2760</td> <td>6000</td> </tr> <tr> <td>Rear axle</td> <td>1920</td> <td>10200</td> </tr> <tr> <td>Total</td> <td>4680</td> <td>16200</td> </tr> </tbody> </table>		UNLADEN	LADEN	Front axle	2760	6000	Rear axle	1920	10200	Total	4680	16200
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## SEATING LAYOUT Seating Capacity 56+1

