

BOSS
9018

 **ASHOK LEYLAND**



TECHNICAL SPECIFICATIONS

ENGINE

	HA6ET13U 6 Cylinder turbocharged Intercooled Diesel
Bore x Stroke	Ø 104 x 113 (mm)
Displacement	5759 cc
Max. output	180 HP (132 kW) @ 2400 rpm
Max. torque	67 kgm (660 Nm) @ 1400-2000 rpm
Emission	Euro III
Air filter	Fleetguard with primary & safety element
Fuel filter	Fleetguard fuel filter cum water separator
Fuel tank capacity	208 litres plastic tank
Cooling type	Pump circulated, thermostat controlled pressurised cooling with de-aeration tank

CLUTCH

Air boosted hydraulic 380mm diaphragm clutch

GEAR BOX

ZF S6-36-6 speed synchromesh with overdrive

I - Gear	II - Gear	III - Gear	IV - Gear
6.93	3.79	2.36	1.51
V - Gear	VI - Gear	Reverse	
1	0.84	6.22	

PROPELLER SHAFT

	SPL 100
No. of shafts	For 4500 WB - 2 nos. & 5100 WB - 3 nos.

REAR AXLE

	Fully floating single speed hypoid gear
Axle capacity	8200 kg
Axle ratio	3.73 : 1

FRONT AXLE

	Forged 'I' section reverse elliot type
Axle capacity	4200 kg

FRAME

	Bolted construction constant width over chassis
Frame dimensions	204 x 63 x 7mm

SUSPENSION

	Parabolic leaf springs with ARB
Shock absorber	Double acting telescopic type

STEERING

	ZF integral power assisted recirculating ball type
Drive	Right hand drive / Left hand drive

WHEELS & TYRES

	2 nos. in front, 4 nos. in rear & spare 1 no.
Rim size	19.5 x 6.75
Tyre size	245 / 70R 19.5

BRAKES

	Full air dual line caliper operated disc brake
Parking brake	Spring actuated pneumatic on rear only
Additional	Exhaust brake

ELECTRICAL SYSTEM

	24V
Battery	110 Amp.hr - 2x12 V
Alternator range	85 Amps to 100 Amps
Starter motor	4.5 kW 24V

PERFORMANCE DATA

Max. speed in top gear	117 kmph
Max. gradeability	29%

WEIGHTS (kgs)

	4500 WB	5100 WB
Front axle	2588	2613
Rear axle	1482	1497
Unladen	4070	4110
GVW	9990	

MAJOR DIMENSIONS (mm)

Wheel base	4500	5100
Front overhang	1225	1225
Rear overhang	2020	2420
Overall length	7745	8745
Overall width	2297	2297
Overall height	2520	2520
Front track	1845	1845
Rear track	1740	1740
Frame width	854	854
Min ground clearance	200	200
Turning circle diameter	14.8 m	16.6 m
Angle of approach	18.3°	18.3°
Angle of departure	14.2°	12.7°
Loading span (ft)	18	21

FEATURES

Suspended tiltable
day cabin with HVAC as optional

Telescopic tiltable steering

Variants available: LE and LX

For LX variants air-conditioned cabin and AMT will be inbuilt

Authorised Dealer