



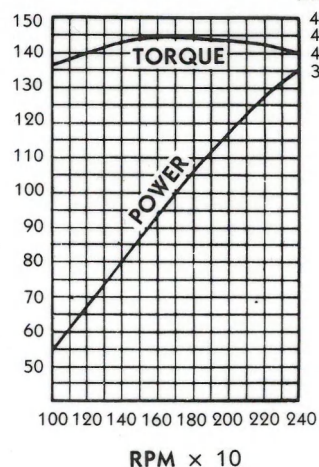
SPECIFICATION

ENGINE	:	AL 402 naturally aspirated water cooled
Bore x stroke (mm)	:	107 x 121
Displacement (lit)	:	6.538
Dry weight (Kg)	:	546
Compression ratio	:	16 : 1
Max. output	:	135 PS at 2400 RPM (BSAU 141a)
Max. torque (MKG)	:	42 at 1600 RPM (BSAU 141a)
Sump capacity (lit)	:	Max 13 Min 10.5
Air filter	:	Oil bath type
Fuel filter	:	0.5 (lit) dual on the pressure side.
Fuel tank capacity (lit)	:	200 mounted on RH side
Cooling type	:	Pump circulated pressurised cooling; thermostat controlled
Cooling water capacity (lit)	:	22
Radiator frontal area (Sq. cms.)	:	3579

CLUTCH	:	Single plate dry type hyd actuated.
Facing dia & thick (mm)	:	356 & 6.35
Total frictional area (sq.cms)	:	1238

GEAR BOX	:	6 speed ZF S6.36 synchromesh
Oil capacity (lit)	:	8.5
Ratios	:	I-7.43 : 1; II-4.32 : 1; III-2.57 : 1 IV-1.75 : 1; V-1.26 : 1; VI-1.00 : 1 R-6.67 : 1

Performance Data M.Kg.



GEAR BOX (Contd.) (OPTION) 5 Speed ZF 5.36 synchromesh	:	I-6.50 : 1; II-4.22 : 1 III-2.44 : 1; IV-1.52 : 1 V-1.00 : 1; R-8.05 : 1
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PROPELLER SHAFT	:	1600 series
No. of prop. shafts	:	3

VIKING

REAR AXLE : Fully floating single speed hypoid gear, pressed type casing.

Axle ratio : 5.853 : 1/5.857 : 1

Oil capacity (lit) : 7.5
Capacity (Kgs) : 10160

FRONT AXLE : Forged I section reverse Elliot type

Capacity (Kgs) : 5080

FRAME : All steel ladder type bolted with 'L' type external flitch

No. of cross members : 8
Frame dimensions (mm) : 229 x 76 x 6.3
(depth x width x thickness)

SPRINGS : Semi elliptic laminated multi leaf.

No. of leaves : Front 13, Rear 14 helper-6
Leaf width (mm) : Front 76, Rear 76.

SHOCK ABSORBERS : Double acting telescopic type on front & rear axle.

STEERING : ZF 8043 power steering LH drive

Angle of steering to frame : 73°
Wheel dia (mm) : 500

WHEELS & TYRES : 2 nos in front & 4 nos in rear
Rim size : B 7.00" x 20" - 152 mm offset
Tyre size : 9.00 x 20 - 14PR allround Nylon

BRAKES : Full air pressure Diaphragm operated on all wheels dual line circuit system.

Total braking area (Sq.cms) : 3842
Lining thickness (mm) : 12.7-front 16-rear
Parking brake : Pneumatically operated on rear wheels only.

ELECTRICAL SYSTEM : 24V, Negative earth

Batteries : 150 AH (20 hr. rating)
Alternator (max. output) : 30 AMPS

WEIGHTS (Kgs) : Unladen

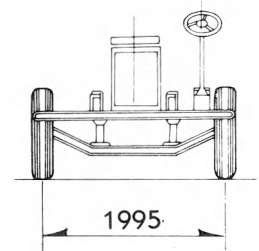
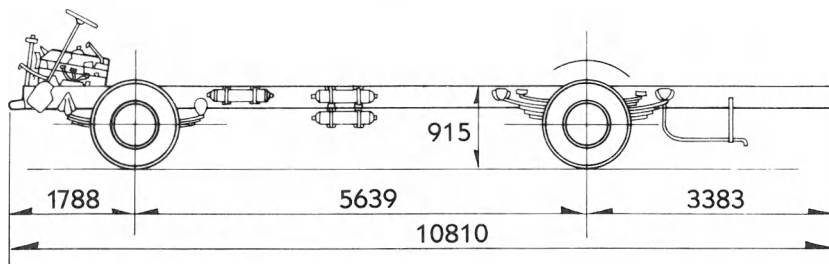
Front : 2426
Rear : 1568
Total : 3994

PERFORMANCE DATA :
Max. speed (KMPH) : 75

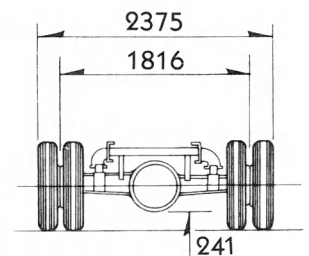
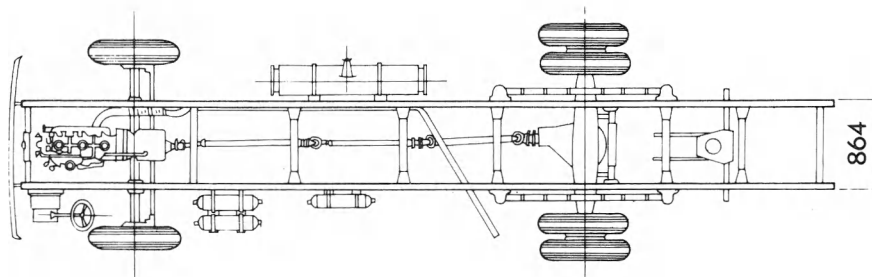
GRADEABILITY : 19.7% with ZF S6.36 Gear box
17.1% with ZF 5.36 Gear box

LEADING DIMENSIONS (mm)

Nomenclature : AL PSV 2/12L
Wheel base : 5639
Front overhang : 1788
Rear overhang : 3383
Overall length : 10810
Overall width : 2375
Front track : 1995
Rear track : 1816
Frame width : 864
Frame height (laden) : 915
Min. ground clearance : 241
Turning circle dia : 22000
Angle to approach : 18° (for chassis)
Angle of departure : 11.47° (for chassis)



FRONT VIEW



REAR VIEW

Note: All Dimensions are in mm

ASHOK LEYLAND LIMITED

480, Anna Salai, Nandanam,
Madras - 600 035. INDIA.
Telephone: 451356 Grams: "ASHLEY"
Telex: 041-6722/7384 Fax: 451772



Dealer