



ASHOK LEYLAND

ENGINEERING YOUR TOMORROWS

U-TRUCK

U-1616 T

4X2 TIPPER



HIGHER FUEL EFFICIENCY
LOWER OPERATING COST
3-YEAR CARE PACKAGE



HINDUJA GROUP



THE U-1616 T OFFERS HIGH FUEL EFFICIENCY AND LOW MAINTENANCE DUE TO ITS 'H' SERIES ENGINE WITH INLINE PUMP. A MATCHING DRIVELINE, DRIVER-FRIENDLY CAB AND AN ASSORTMENT OF ROBUST BODIES ENABLE THE U-1616 T TO PERFORM ECONOMICALLY AND RELIABLY, ENSURING HIGH PRODUCTIVITY ACROSS THE CONSTRUCTION INDUSTRY. THESE FEATURES TOGETHER MAKE THE U-1616 T A WINNER.

AGGREGATES



ENGINE

- Turbocharged intercooled 'H' series BSIII diesel engine delivering 160 HP @ 2400 rpm
- Torque of 550 Nm @ 1500 – 1700 rpm for better driveability
- Proven 'H' series engine for higher kmpl
- User-friendly Inline FIP for low maintenance costs



CLUTCH

- 352 mm dia axial spring clutch with organic lining for longer life
- Hydraulic actuation for fatigueless clutch operation



GEARBOX

- 6-speed synchromesh gearbox with overdrive for faster turnaround time and higher fuel efficiency in empty condition
- First gear ratio of 8.28:1 for higher gradeability



REAR AXLE

- Fully-floating single-speed RS-145 hypoid axle for longer life
- Optimised rear axle ratio of 5.57:1 for higher fuel efficiency



FRONT AXLE

- All-new heavy-duty front axle
- Higher wheel-lock angle for shorter turning-circle dia



FRAME

- 11" deep joggled frame to carry heavier payload
- Flanged fasteners for lesser maintenance



FUEL TANK

- 200 L cross-linked polymer tank
- No formation of rust; higher impact strength
- Reed-type fuel sensor for higher accuracy in measurement of fuel level



SUSPENSION

- Front: Semi-elliptic, multi-leaf uprated springs with shock absorbers
- Rear: Semi-elliptic, multi-leaf uprated springs



CABIN

- Factory-built day cab
- Fully-suspended cab for better riding comfort
- Spacious cab with larger stowage space
- Retractable seat belt for driver safety
- 3-piece metal bumper with twin headlamps



LOAD BODY

- Ashok Leyland hydraulics with in-house service support
- Increased sheet thickness
- Sturdy under-body construction with increased number of cross bearers
- Increased cylinder dia
- High-strength BSK 46 material for body and sub-frame
- Front-end tipping



OTHER SALIENT FEATURES

- SPL90 series propeller shaft for longer life
- Long-life air filters
- 6" and 7" brake system in front and rear respectively, with RAF 7 asbestos-free lining for longer life
- Water-proof connectors for all electrical connections
- Push-to-fit connectors to prevent air-pressure drop
- Lamp in the engine compartment
- Sleeping provision in day cab for driver comfort
- 10-wheel bolt hubs in front and the rear

OPTIONAL

- Music system (FM / AM / CD Player)
- ALERT (Telematics)



SUPERIOR OWNERSHIP EXPERIENCE

2 years / 5000 hours standard warranty

	GOLD	SILVER	BRONZE
Comprehensive maintenance covering all charges for labour, consumables, wear & tear components and lubes	✓		
Scheduled maintenance covering all charges for labour	✓	✓	
Cashless accident repair with assured restoration time	✓	✓	✓
Personal accident cover for the driver	✓	✓	✓

Silver care package with scheduled maintenance covering all charges for consumables and lubes also available.

TIPPER BODY OPTIONS AND APPLICATIONS

Body	Sheet Thickness (Floor x Side Board x Head Board) mm	Applications
6.5 cu. m box	6 x 5 x 5	Construction Road work
8.5 cu. m box	6 x 5 x 5	Construction Road work
10.5 cu. m box	6 x 5 x 5	Transportation of coal and other light materials

TECHNICAL SPECIFICATIONS

Engine	'H' series BSIII
Maximum power	160 HP @ 2400 rpm
Maximum torque	550 Nm @ 1500 - 1700 rpm
Clutch	14" dia RDC with organic clutch disc
Transmission	6-speed OD GB with 8.28:1 FGR
Front axle	Forged I section reverse Elliot with 10-wheel bolt
Rear axle	Fully-floating single-speed hypoid with 5.57:1 RAR
Frame	275 x 90 x 6 joggled bolted frame with 5 cross members
Suspension	Front and rear: Semi-elliptic, multi-leaf
Brakes	Full-air, dual-line brakes
Parking brakes	Flick-valve operated pneumatic on rear wheels only
Fuel tank capacity	200 L cross-linked polymer tank
Battery	(12 V 130 AH) x 2
Tyres	10 x 20 - 16 PR

MAJOR DIMENSIONS (IN MM)

Wheel base	3600 / 3000
Overall length	6210 / 5610
Overall width	2500
Front overhang	1520
Rear overhang	900
Front track	2054
Rear track	1870
Min. ground clearance	260
Min. turning-circle dia	13200 / 12800

PERFORMANCE

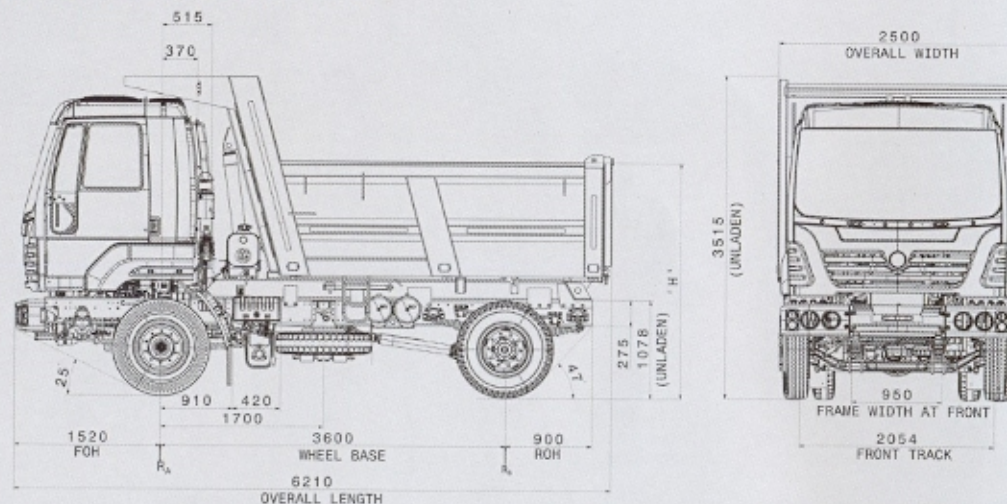
Maximum speed in top gear	96 kmph
Maximum gradeability	27%

WEIGHT (KGS)

	Unladen (8.5 cu. m box)	Laden
Front axle	3900	6000
Rear axle	3250	10200
Total	7150	16200

Specifications are subject to change due to continuous improvements and are for reference only.
Do not drill or weld on the frame.

COACH BUILDER DRAWING



Assured Emergency Response



24 x 7 National Helpline



Fleet Management System



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