



ASHOK LEYLAND
ENGINEERING YOUR TOMORROWS

U-TRUCK

U-3123 T

8X4 TIPPER



HIGHER FUEL EFFICIENCY
HIGHER LOAD-CARRYING CAPABILITY
3-YEAR CARE PACKAGE



HINDUJA GROUP



THE U-3123 T TIPPER IS THE FIRST OF ITS KIND DESIGNED FOR THE BULK MOVEMENT OF CONSTRUCTION MATERIALS AND OTHER LOW-DENSITY COMMODITIES LIKE COAL AND COKE. THE 'H' SERIES COMMON RAIL FUEL INJECTION SYSTEM (CRS) ENGINE ENSURES HIGHER FUEL EFFICIENCY. THE HEAVY-DUTY AGGREGATES AND HIGH-CAPACITY LOAD BODIES FACILITATE HIGHER LOAD-CARRYING CAPABILITY. ALL OF THESE ENABLE THE U-3123 T TO TAKE ON ANY CHALLENGE IN THE CONSTRUCTION INDUSTRY.

AGGREGATES



CRS ENGINE

- Turbocharged intercooled 'H' series CRS BSIII diesel engine delivering 225 HP @ 2500 rpm
- Higher torque of 800 Nm @ 1400 – 1900 rpm for better pickup
- CRS ensures higher fuel efficiency
- Efficient engine-management system for optimal fuel delivery at varying operating conditions



CLUTCH

- 380 mm dia axial spring clutch with organic lining for longer life
- Clutch booster for fatigueless driving over long distances



GEARBOX

- Heavy-duty 9-speed synchromesh gearbox for faster turnaround time
- Deeper first gear ratio of 8.83:1
- Crawler gear with ratio of 12.73:1 for achieving higher gradeability



REAR AXLE

- Fully-floating single-speed MT-149.5 hypoid axle for longer life
- Optimised rear axle ratio of 5.83:1 for higher fuel efficiency



FRONT AXLE

- All-new, heavy-duty twin-steerable front axles
- Higher wheel-lock angle for shorter turning-circle dia



FRAME

- 11" deep joggled, 8 mm thick frame with single-piece 6 mm internal flitch to carry heavier payloads
- Flanged fasteners for lesser maintenance



BRAKE

- 410 mm dia brake system in rear for better braking efficiency
- RAF 7 brake lining for longer brake-lining life



FUEL TANK

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



SUSPENSION

- Front: Semi-elliptic, uprated, multi-leaf springs with shock absorbers
- Rear: Heavy-duty bogie suspension for better stability at higher payloads



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
- Optional air-conditioning



LOAD BODY

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



OTHER SALIENT FEATURES

- Long-life air filters
- 6" and 8" brake system in front and rear respectively
- 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

OPTIONAL

- Music system (FM / AM / CD player)
- A/c or non a/c cabin
- 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
19 cu. m box	6 x 5 x 5	Surface transportation of construction materials like sand and blue metal Handling of ore and fertilizer in ports
22 cu. m box	6 x 5 x 5	Surface transportation of coal and coke

TECHNICAL SPECIFICATIONS

Engine	'H' series CRS BSIII
Maximum power	225 HP @ 2500 rpm
Maximum torque	800 Nm @ 1400 - 1900 rpm
Clutch	15" dia RDC with ceramic clutch disc
Transmission	9-speed with 8.83:1 FGR and 12.73:1 crawler gear ratio
Front axle	Twin-steerable forged I section reverse Elliot
Rear axle	Fully-floating single-speed hypoid with 5.83:1 RAR
Frame	279 x 90 x 8 joggled bolted frame with 7 cross members
Suspension	Front: Semi-elliptic, multi-leaf Rear: Bogie
Brakes	Full-air, dual-line brakes
Parking brakes	Flick-valve operated pneumatic on II front axle and I rear axle
Fuel tank capacity	300 L cross-linked polymer tank
Battery	(12 V 130 AH) x 2
Tyres	11 x 20 - 16 PR

MAJOR DIMENSIONS (IN MM)

Wheel base	5250
Overall length	8920
Overall width	2500
Front overhang	1522
Rear overhang (frame)	1450
Front track	2044
Rear track	1870
Min. ground clearance	260
Min. turning-circle dia	21800

PERFORMANCE

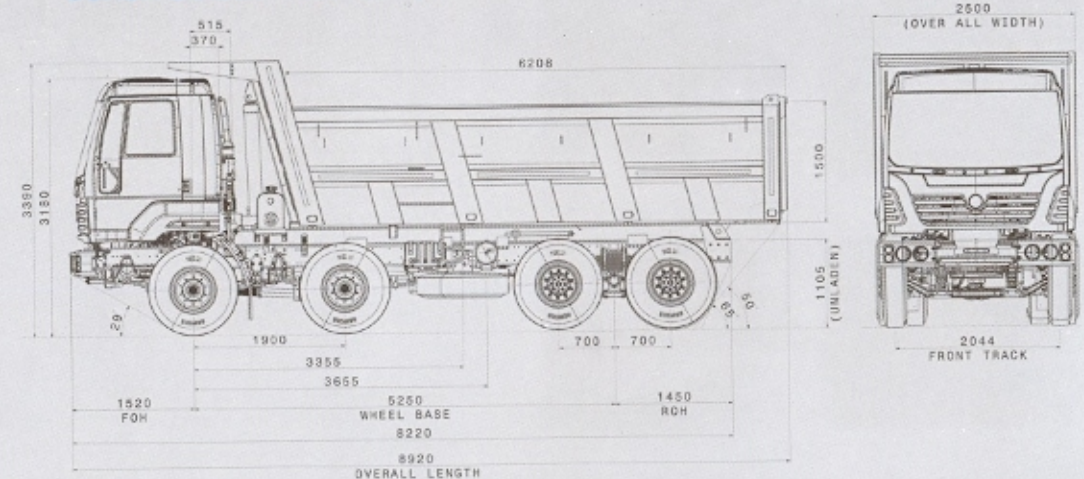
Maximum speed in top gear	84.6 kmph
Maximum gradeability (with crawler gear)	33.5%

WEIGHT (KGS)

	Unladen (19 cu. m box)	Laden
Front axle	6520	12000
Rear axle	5980	19000
Total	12500	31000

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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