

U-TRUCK

U-2523

Engineered around you.



ASHOK LEYLAND



HINDUJA GROUP

The U-Truck is an innovative platform designed to give you a superior experience in every way.

Built on the U-Truck platform, the U-2523 Tipper (6x4) is a rugged workhorse engineered to perform on rough terrains and under harsh conditions. Engineered for superior performance and the

best driving experience, the U-2523 has the flexibility and scope to give you a host of benefits that range from more trips and more uptime to enhanced comfort and safety, superior fuel efficiency and higher durability.

The U-2523. Powerful, productive and dependable.



FASTER TURNAROUND

Focusing on your need for faster turnaround time, the U-2523 has the right driveline combinations to suit your specific needs and give you improved acceleration, gradeability and speed

- 230 HP Common Rail System engine, power suiting both on-road and off-road applications
- 9 speed heavy duty synchromesh gearbox with crawler gear to negotiate steep gradients
- 381 mm single dry plate, push type clutch
- Tandem, fully floating, single speed axle with rear axle ratio of 6.17
- Max gradeability of 45 %
- S-cam brakes with auto slack adjuster and total braking area of 6850 sq.cm



MORE UPTIME

The U-2523 features a host of low-maintenance components that ensure maximum uptime and availability

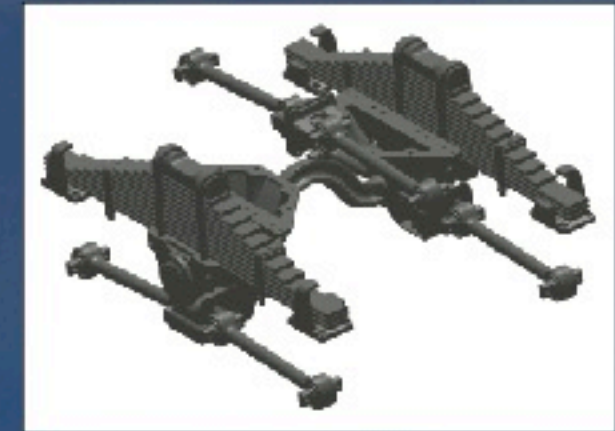
- Reliable aggregates and interfaces
- Longer overhaul intervals of its major aggregates like engine and gear box
- Longer life of consumables such as oils, greases, filters and linings enable long and synchronized service intervals
- Advanced, user-friendly electrical-electronic architecture remote monitors the health of your tipper with timely alerts



HIGHER PAYLOAD

This powerful tipper is engineered to carry more load with greater stability in off-road conditions

- 275x90x8 mm channel section, double crank ladder type with full length internal flitch
- Stronger frame with flanged fastening for better structural integrity
- Heavy-duty forged I-Section rigid front axle
- New heavy-duty rear bogie suspension
- Centrally connected trunion shaft for better stability



INCREASED **FUEL EFFICIENCY**



The U-2523 has several features that increase tonne-kmpl and keep cost well under control

- 'H' series 6 cylinder inline turbocharged inter-cooled 5.7 litre diesel engine, meeting BS IV norms with maximum power of 230 HP @ 2500 rpm and maximum torque of 800 Nm @ 1400-1900 rpm
- Electronic controlled common rail injection
- Improved torque characteristics
- Matching cooling and exhaust systems
- Optimized drivelines
- Tyre size 11.00x20-16 PR;
optional: 11.00x20-18 PR mine lug tyre
- 200 litre cross-linked polymer tank



GREATER COMFORT & SAFETY

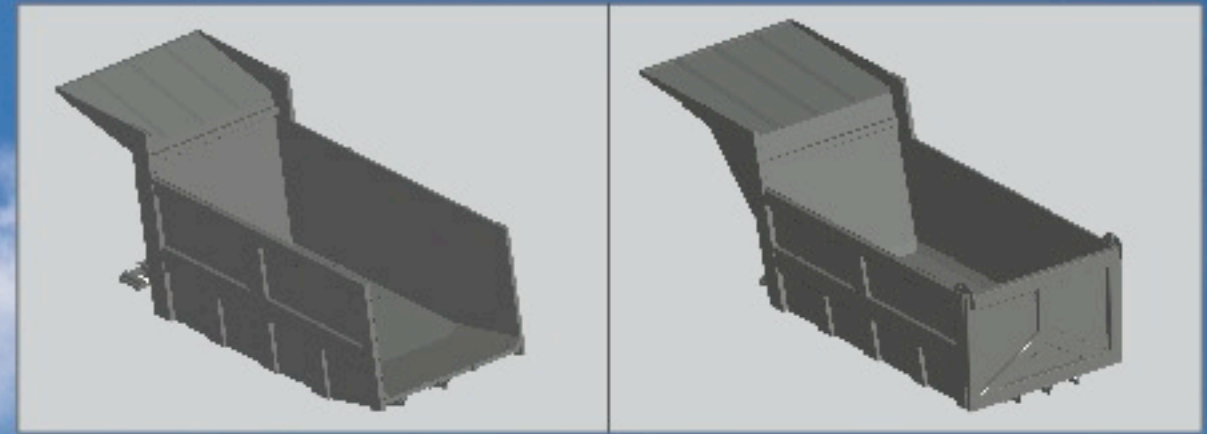
- Modern, crash-tested, fully suspended, tiltable day cab (Air-conditioning is optional)
- Ergonomically designed controls with higher torque output steering system for reduced effort
- Semi-elliptical multi-leaf heavy-duty springs with shock absorber
- Advanced electrical-electronic architecture
- New user-friendly interactive cluster
- Telematics system for real time two-way communication



FULLY BUILT SOLUTIONS

Based on application, you can choose from fully built variants of the U-2523 that are designed to work for you right from day one

- Body options : 16 cu.m Box, 14 cu.m Rock, 16 cu.m Half pipe scow body
- Ashok Leyland branded superior hydraulics
- Benefit of proprietary Ashok Leyland body designs
- Three-stage, front mounted hydraulic telescopic ram tipping angle of 55 degrees



TECHNICAL SPECIFICATIONS

Configuration	6x4 Tipper	Front Suspension	Semi elliptical multi-leaf heavy-duty springs with shock absorber Optional parabolic heavy-duty springs with matched shock absorber
Gross Vehicle Weight	25 Tonne	Rear Suspension	Heavy-duty multi-leaf bogie suspension with 6 radius rods
Engine	'H' Series 6 cylinder 5.7 litre Inline CRS engine Max. Power 230 HP @ 2500 rpm Max.Torque 800 Nm @ 1400-1900 rpm BS IV: Emission- BS IV norms with Selective Catalytic Reduction after-treatment BS III: Emission- BS III norms with Electronic controlled Common Rail Injection	Fuel Tank	Cross-linked polymer tank Capacity 200 litres
Clutch	381 mm single dry plate, push type	Wheels & tyres	Tyre 11.00 x 20-16 PR Optional 11.00 x 20-18 PR mine lug tyre
Gearbox	9 speed synchromesh gearbox with crawler gear 9 forward + 1 reverse	Brakes	Dual line air brakes
Propeller Shaft	DIN180 serrated between gearbox and first rear axle and DIN150 serrated between axles	Cab	Suspended tiltable day cab Optional air-conditioning
Front axle	Forged 'I' section reverse Elliot	Body Options	16 cu.m Half pipe scow body 16 cu.m Box body 14 cu.m Rock body
Rear axle	Tandem fully floating single speed with differential lock	Tipping Gear	3-stage with front mounted hydraulic telescopic ram
Frame	Double crank ladder type 275 x 90 x 8 mm	Performance	Max speed: 80 kmph Gradeability: 45% Turning circle dia.:16 m
Steering	Integral power steering	Wheel Base	3900 mm



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