



**ASHOK LEYLAND**  
ENGINEERING YOUR TOMORROWS

# U-TRUCK

**U-1618 T**

**4X2 TIPPER**



HIGHER VEHICLE UPTIME  
FASTER TURNAROUND TIME  
3-YEAR CARE PACKAGE



HINDUJA GROUP



## AGGREGATES



### ENGINE

- Turbocharged intercooled 'H' series BSIII diesel engine delivering 180 HP @ 2400 rpm
- Higher torque of 660 Nm @ 1600 – 1800 rpm for better pickup
- Durable 'H' series engine for longer life



### CLUTCH

- 380 mm dia axial spring clutch with organic lining for longer life
- Clutch booster for fatigueless clutch operation



### GEARBOX

- Heavy-duty 6-speed synchromesh gearbox
- First gear ratio of 8.51:1 for higher gradeability



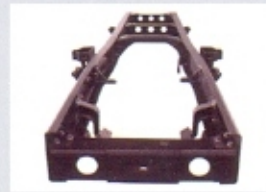
### REAR AXLE

- Fully-floating single-speed R-149.7 hypoid axle for longer life
- Optimised rear axle ratio of 5.83:1 for more trips



### 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



THE HIGH-POWERED U-1618 T IS DESIGNED FOR TOUGH DUTY CYCLES THAT ARE INTRINSIC TO STONE QUARRIES AND IRRIGATION SITES. THE SUPERIOR 'H' SERIES ENGINE COUPLED WITH SUITABLE AGGREGATES AND A RUGGED BODY ENSURE BETTER GRADEABILITY WITH HEAVIER LOADS. THIS HIGH-PERFORMANCE TIPPER IS FULLY GEARED FOR MORE TRIPS WITHOUT COMPROMISING ON VEHICLE UPTIME AND CAN GENERATE THE BEST RESULTS ACROSS ANY TERRAIN.



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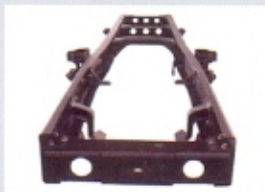
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## TIPPER BODY OPTIONS AND APPLICATIONS

Body	Sheet Thickness (Floor x Side Board x Head Board) mm	Applications
8.5 cu. m box	6 x 5 x 5	Construction Road work
8.5 cu. m scow	6 x 5 x 5	Marble and stone quarries Irrigation

## TECHNICAL SPECIFICATIONS

Engine	'H' series 135 BSIII
Maximum power	180 HP @ 2400 rpm
Maximum torque	660 Nm @ 1600 - 1800 rpm
Clutch	15" dia RDC with organic clutch disc
Transmission	6-speed with 8.51:1 FGR
Front axle	Forged I section reverse Elliot with 10-wheel bolt
Rear axle	Fully-floating single-speed hypoid with 5.83:1 RAR
Frame	275 x 90 x 6 ladder-type 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	(12V 130AH) x 2
Tyres	10 x 20 - 16 PR

## MAJOR DIMENSIONS (IN MM)

Wheel base	3600
Overall length	6400
Overall width	2500
Front overhang	1520
Rear overhang	900
Front track	2054
Rear track	1870
Min. ground clearance	260
Min. turning-circle dia	14000

## PERFORMANCE

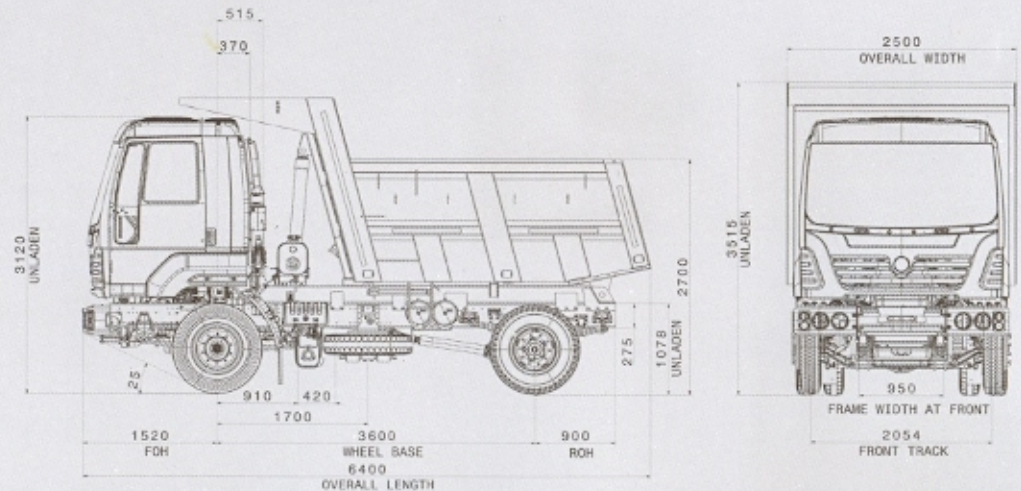
Maximum speed in top gear	77 kmph
Maximum gradeability	36%

## 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.

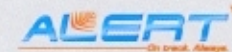
## COACH BUILDER DRAWING



Assured Emergency Response



24 x 7 National Helpline



Fleet Management System



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