



ASHOK LEYLAND
ENGINEERING YOUR TOMORROWS

U-TRUCK

U-4023 TT

4X2 TRACTOR



HIGHER FUEL EFFICIENCY
FASTER TURNAROUND TIME
4-YEAR CARE PACKAGE



HINDUJA GROUP

AGGREGATES



THE U-4023 TT IS DESIGNED TO TRANSPORT A WIDE VARIETY OF GOODS. POWERED BY AN EFFICIENT 'H' SERIES COMMON RAIL FUEL INJECTION SYSTEM (CRS) ENGINE AND SUPPORTED BY A MATCHING DRIVELINE, THE U-4023 TT ENHANCES PRODUCTIVITY AND OFFERS FASTER TRIP TIME. ALSO, ITS FULLY-SUSPENDED SLEEPER CAB REDEFINES THE LONG-HAUL EXPERIENCE. THESE FEATURES ARE WHAT MAKE THE U-4023 TT THE BEST 40-TONNER IN ITS CLASS.



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 driving response
- CRS ensures consistently higher fuel efficiency, less noise and longer engine life
- 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



GEARBOX

- Heavy-duty 6S850-OD 6-speed synchromesh gearbox
- Overdrive in gearbox provided for faster turnaround time during empty and part-load operations



PROPELLER SHAFT

- Heavy-duty 1710 series propeller shaft
- Pre-packed greasing for lesser maintenance



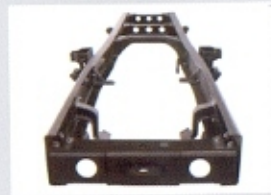
REAR AXLE

- Fully-floating single-speed M-160 hypoid axle for longer life
- Optimised rear axle ratio of 6.83:1 for faster turnaround time



FRONT AXLE

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



FRAME

- 11" deep joggled frame with 6 mm thickness
- Deeper section to carry heavier payloads
- Flanged fasteners for lesser maintenance



FUEL TANK

- 400 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: Parabolic suspension with shock absorbers for better ride comfort and longer life
- Rear: Semi-elliptic, uprated, multi-leaf springs



CABIN

- Factory-built twin-sleeper cab
- Fully-suspended cab for better riding comfort
- Spacious cab with larger stowage space
- Retractable seat belt for driver safety

OTHER SALIENT FEATURES

- EDC system for optimal fuel delivery at varying conditions
- Long-life air filters
- 6" and 7" brake system in front and rear respectively, with RAF 7 asbestos-free lining for longer life
- Push-to-fit connectors to prevent air-pressure drop
- 7-pin connector for trailer electricals
- Water-proof connectors for all electrical connections
- Lamp in the engine compartment
- Rear work lamp

OPTIONAL

- Radial or cross-ply tyres
- Casablanca white or traffic blue cabin colour
- Music system (FM / AM / CD player)
- ALERT (Telematics)

SUPERIOR OWNERSHIP EXPERIENCE

4-year driveline warranty (2 years / 2,00,000 kms standard warranty + additional 2 year extended warranty on driveline consisting of engine, gearbox and axles)*



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

Gold care package also available for fully-built tractor-trailers.

*Terms and conditions apply.

FULLY BUILT SOLUTIONS

Trailer	Applications
40' flatbed trailer	Steel, container, market load
40' skeletal trailer	Container
32' box trailer	Cement bags, market load
35/40 cu. m bulker	Loose cement and fly ash
24/28 cu. m tip-trailer	Coal, blue metal, boulder, clinker, bauxite

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 organic facing material
Transmission	6-speed overdrive gearbox with 6.72:1 FGR
Front axle	Forged I section reverse Elliot
Rear axle	Fully-floating single-speed hypoid with 6.83:1 RAR
Frame	275 x 90 x 6 ladder-type joggled bolted frame with 5 cross members
Suspension	Front: Parabolic Rear: Semi-elliptic, multi-leaf
Brakes	Full-air, dual-line HLP brakes
Parking brakes	Flick-valve operated pneumatic on rear wheels only
Fuel tank capacity	400 L cross-linked polymer tank
Battery	(12 V 130 AH) x 2
Tyres	11.00 x 20 - 16 PR (Option: 11R20 - 16 PR)
Kingpin dia	2"

MAJOR DIMENSIONS (IN MM)

Wheel base	3300
Overall length	5670
Overall width	2445
Front overhang	1470
Rear overhang	900
Front track	2044
Rear track	1870
Min. ground clearance	260
Min. turning-circle dia	13000

PERFORMANCE

Maximum speed in top gear	91 kmph
Maximum gradeability	14.7%

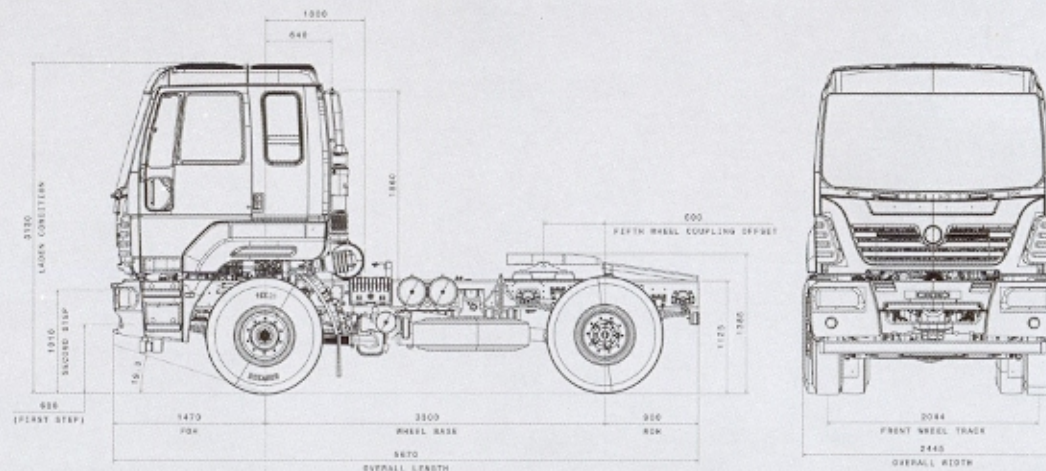
WEIGHT (KGS)

	Unladen	Laden
Front axle	3450	6000
Rear axle	2450	10200
Total	5900	40200

(With tri-axle trailer)

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

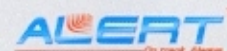
COACH BUILDER DRAWING



Assured Emergency Response



24 x 7 National Helpline



Fleet Management System



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