



# ecomet<sup>STAR</sup> 1415TE



**ASHOK LEYLAND**  
*Koi Manzil Door Nahin*

Presenting the heavy duty and robust ecomet 7m<sup>3</sup> tipper



Proven 150 hp H4 engine with i-Gen6 technology



Proven DD GB



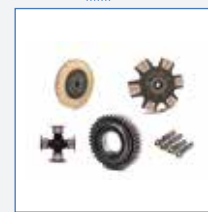
New designed tipper body



Cable shift CSO for reduced gearshift efforts



Heavy duty rear axle



Heavy duty and reliable aggregates



Proven 8' frame



Twin tipping ram



**HINDUJA GROUP**

# ecomet<sup>STAR</sup>



Improved  
turnaround time



Full front  
metal fascia



New powerful round  
headlamps – 2x illumination



Higher driver  
safety



Easy  
reparability

# ASHOK LEYLAND i-Gen6 ADVANTAGE

Over the years, Ashok Leyland Ltd., strove to deliver performance beyond excellence with inline or 'SAADA' pump for BS-III and iEGR technology for BS-IV. Now with BS-VI, taking the proven iEGR technology up a notch, we are introducing the i-Gen6 engine technology which enhances the engine performance and durability further. With lower DEF consumption and compact design, i-Gen6 lowers the cost of operation per ton-km, offering better fluid efficiency and low maintenance. The unique Mid-NOx strategy ensures overall lower cost of ownership as compared to competition.

## Innovative



### Improved efficiency -

- Controls NOx generation in the engine itself



### Lower TCO -

- Lower Diesel Exhaust Fluid (DEF) consumption
- Lower operational cost

## Intelligent



### Simple functioning -

- Lesser number of sensors



### Improved EATS life -

- Patented HC dozer
- Lower maintenance cost

## Indian



### Mid-NOx technology

- iEGR + SCR
- Higher fluid efficiency



### Highly robust -

- Best suited for Indian driving conditions

- Superior mileage: Proven iEGR engine with improved air intake & radiator offer higher performance
- Longer active regeneration intervals - ensures longer DPF life.
- Inline EATS: Allows flexibility in packaging / better space utilisation
- Larger (24L) Diesel Exhaust Fluid (DEF) tank : Coupled with lower consumption, ensures less frequent DEF refills
- First pipe length is 0.8 m: Best-in-class thermal management.



H4 - 150 HP, 450 Nm  
fuel efficient engine

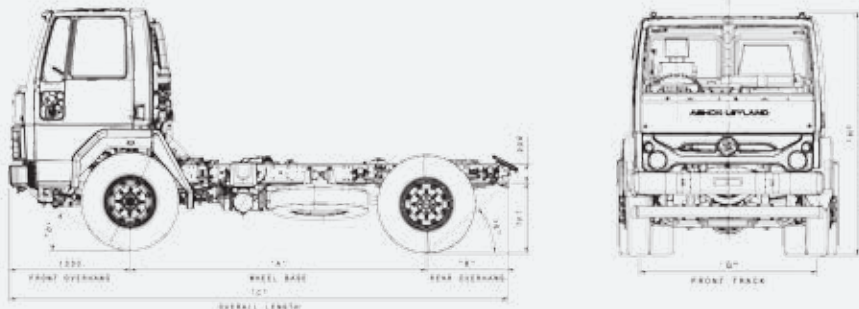


Advanced EATS (Engine After  
Treatment System)

## SPECIFICATIONS

<b>Cabin</b>	Ecomet Day
<b>Engine type</b>	H series 4 cylinder CRS with i-Gen6
<b>Maximum power</b>	150 HP @ 2400 rpm
<b>Maximum torque</b>	450 Nm @ 1250-2000 rpm
<b>Clutch</b>	330 mm dia - single plate, dry type with clutch booster
<b>Gearbox type</b>	6 speed synchromesh – cable CSO system
<b>Propeller shaft</b>	Heavy Duty Monotron Propeller Shaft
<b>Rear axle</b>	Fully floating single speed rear axle, RAR 5.57
<b>Front axle</b>	Forged I section - Reverse Elliot type
<b>Steering</b>	Integral power steering
<b>Frame</b>	204 x 76 x 6 mm
<b>Front suspension</b>	Semi-elliptic multileaf
<b>Rear suspension</b>	Semi-elliptic multileaf
<b>Brakes</b>	Full air dual line. Parking brakes on rear wheels only
<b>Fuel tank</b>	105 L cross linked polymer tank (rectangular cross section)
<b>DEF tank</b>	24 Lts capacity
<b>Electricals</b>	12 V, 120 AH, Alternator – 90 A
<b>Tyre</b>	9.00 X 20 - 16PR and 9R20 - 16 PR
<b>GVW</b>	14,050 Kg
<b>Wheel base (mm)</b>	3250
<b>Loading capacity (CBM)</b>	7 CBM

## COACH BUILDER DRAWING



## FEATURES



Innovative, intelligent and indigenous i-Gen6 engine with Mid-NOx technology



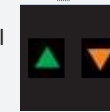
USB Charger



NextGen i-alert (Fleet management, fuel monitoring, e-diagnostics, remote access)



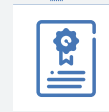
New digital display



GSAS (Gear Shift Advisory System)



Rear LED Tail Lamp



Vehicle warranty 2Yrs/ 3000 Hrs Driveline 4Yrs/ 4000 Hrs

Major Dimensions	Ecomet 1415 Tipper
<b>Wheelbase (mm)</b>	3250
<b>Load body dimension( inner) (mm)</b>	3800 X 2300 X 840
<b>Overall Length (with body) (mm)</b>	5778
<b>Overall width (cab chassis/ body) (mm)</b>	2207/2396
<b>Overall height/ load body (unladen) (mm)</b>	3000
<b>Front track (mm)</b>	1965
<b>Rear track (mm)</b>	1816
<b>Min ground clearance (rear) (mm)</b>	270
<b>Turning circle diameter (c to c) (m)</b>	11.7
<b>Load body floor thickness (mm)</b>	4
<b>Load body Side board, head board &amp; tail board thickness (mm)</b>	3
<b>Tipping angle</b>	51°

## PRODUCT APPLICATIONS

Blue Metal



Construction / Projects



Sand



Earth



Bricks



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Koi Manzil Door Nahin

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