



# ecomet<sup>STAR</sup> 1215TE



**ASHOK LEYLAND**

*Koi Manzil Door Nahin*

Presenting the heavy duty and robust ecomet 6m<sup>3</sup> tipper



Proven 110 kW (150 HP)  
H4 engine with  
i-Gen6 technology



Proven S636  
6 speed ODGB



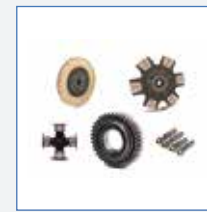
Heavy duty  
load body



Cable shift CSO for  
reduced gearshift efforts



Heavy duty  
rear axle



Heavy duty and  
reliable aggregates



Proven heavy  
duty frame



**HINDUJA GROUP**

# ecomet<sup>STAR</sup>



**Improved  
turnaround time**



**Full front  
metal facia**



**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 -

- 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 - 110 kW (150 HP), 450 Nm  
fuel efficient engine



Advanced EATS (Engine After  
Treatment System)

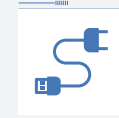
## SPECIFICATIONS

<b>Cabin</b>	Ecomet Day	
<b>Engine type</b>	H series 4 cylinder CRS with i-Gen6 technology	
<b>Maximum power</b>	110 kW (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 – FGR 8.28:1 cable CSO system	
<b>Propeller shaft</b>	Heavy Duty Monotron Propeller Shaft	
<b>Rear axle</b>	Fully floating single speed rear axle, RAR 5.57:1	
<b>Front axle</b>	Forged I section - Reverse Elliot type	
<b>Steering</b>	Integral power steering	
<b>Frame</b>	204mm x 76mm x 6mm	
<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 L capacity	
<b>Electricals</b>	12 V, 120 AH, Alternator – 90 A	
<b>Tyre</b>	8.25X20 16 PR	
<b>GVW</b>	12,900 kg	
<b>Wheel base</b>	2850mm	3250mm
<b>Loading capacity</b>	6 m <sup>3</sup>	6 m <sup>3</sup>

## FEATURES



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



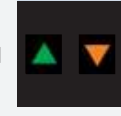
USB Charger



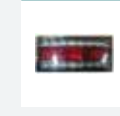
NextGen i-alert (Fleet management, fuel monitoring, e-diagnostics, remote access)



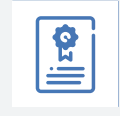
New digital display



GSAS (Gear Shift Advisory System)



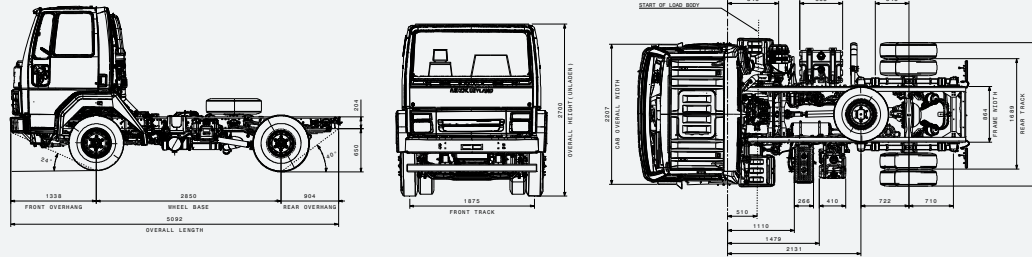
Rear LED Tail Lamp



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

Major Dimensions	Ecomet 1215 Tipper	
<b>Wheelbase</b>	2850mm	3250mm
<b>Load body (dimensions inner)</b>	3357mmx2100mmx858mm	3757mmx2100mmx635mm
<b>Overall Length (With body)</b>	5332mm	5778mm
<b>Overall Width (Cab chassis / body)</b>	2207mm/2280mm	2207mm/2396mm
<b>Overall height/ Load Body (unladen)</b>	2700mm/3000mm	2700mm/3000mm
<b>Front Track</b>	1946mm	1875mm
<b>Rear Track</b>	1675mm	1689mm
<b>Min Ground Clearance (Rear)</b>	232mm	215mm
<b>Turning circle dia (c to c)</b>	10.6m	11.7m
<b>Max Running gradeability</b>	29.3%	29.3%

## COACH BUILDER DRAWING



## PRODUCT APPLICATIONS

Blue Metal



Construction / Projects



Sand



Earth



Bricks



**ASHOK LEYLAND**  
Koi Manzil Door Nahin

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