



Aapki Jeet. Hamari Jeet.

# ecomet<sup>STAR</sup> 1615HE

The new 16 ton ecomet range is engineered to carry heavy loads with ease, to lower maintenance cost and to give higher savings per trip

10.8T Payload\*



Day and sleeper cabin option



Class leading payload across variant



Heavy duty and reliable aggregates



Cable shift CSO for reduced gearshift efforts



Wide load body



Lube for life propeller shaft



Unilever clutch actuation system for lower effort and high reliability



New heavy duty rear suspension in ecomet

# 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 / Sleeper							
<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 ODGB, cable CSO system ZF6S36 OD GB - FGR 6.93   ZF 6S OD - FGR 8.28(Option)							
<b>Propeller shaft</b>	Heavy Duty Monotron Propeller Shaft							
<b>Rear axle</b>	Fully floating single speed rear axle, Hypoid, RAR 6.17							
<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 - Bolted construction							
<b>Front suspension</b>	Semi-elliptic multileaf							
<b>Rear suspension</b>	Semi-elliptic multileaf (New Suspension with more leaves)							
<b>Brakes</b>	Full air dual line. Parking brakes on rear wheels only							
<b>Fuel tank</b>	185/ 105 L metal tank							
<b>DEF tank</b>	24 Lts capacity							
<b>Electricals</b>	12 V, 120 AH, Alternator – 90 A							
<b>Tyre</b>	9.00R20 16 PR							
<b>GVW</b>	16,100 Kg							
	Day Cab				Sleeper Cab			
<b>Wheel base (mm)</b>	3970	4200	4200	4750	5200	4200	4750	5200
<b>Loading span (mts.)</b>	5.2	5.8	6.1	6.7	7.3	5.2	6.1	6.7

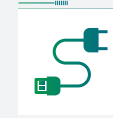
## PRODUCT APPLICATIONS

Parcel and logistics 	Market load 	Fruits / Vegetables 	Food grains 	White goods 	POL tanker 	Cement 	LPG cylinder 	Industrial goods 
--	--	--	--	--	---	---	---	---

## FEATURES



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



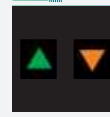
USB Charger



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



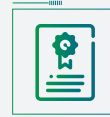
New digital display



GSAS (Gear Shift Advisory System)



Rear LED Tail Lamp

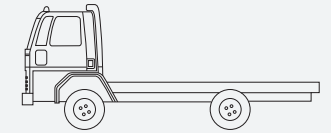


4 years / 4 lakh kms warranty

## VARIANTS

Model		5.2 mts.	5.8 mts.	6.1 mts.	6.7 mts.	7.3 mts.
ecomet 1615	CBC	✓	✓	✓	✓	✓
	FSD	✓	✓			
	DSD	✓				
	HSD	✓	✓	✓	✓	✓
	EX W HSD		✓			
	SL CBC	✓		✓	✓	
	SL HSD	✓		✓	✓	

## BODY OPTIONS



Cab chassis



Fixed side deck

<b>Body</b>	L	B	593
<b>Standard</b>	L	2260	H



Drop side deck

<b>Body</b>	L	B	591
<b>Standard</b>	L	2306	H



High side deck

<b>Body</b>	L	B	1105
<b>Standard</b>	L	2260	H

<b>Length</b>	5287 (5.2 mts.) / 5810 (5.8 mts.) / 6096 (6.1 mts.) / 6768 (6.7 mts.) / 7315 (7.3 mts.)		
---------------	---	--	--

All dimensions in mm

 **ASHOK LEYLAND**  
Aapki Jeet. Hamari Jeet.

Registered Office - Ashok Leyland Limited, No. 1, Sardar Patel Road, Guindy, Chennai - 600032, Tel. - 91 44 2220 6000  
E-mail - reachus@ashokleyland.com | Website - www.ashokleyland.com

**HELPLINE**  
**1800-266-3340**

AUTHORISED DEALER