



**ASHOK LEYLAND**

*Koi Manzil Door Nahin*

# YOUR STAR PERFORMER RANGE NOW AVAILABLE IN CNG

**ecomet<sup>STAR</sup>**  
**1415HE**



**Highest power and torque:**  
106 kW (144 HP) & 450 Nm



Better pulling power and  
turnaround time

**Best-in-class fuel efficiency**



Lower cost of operation and  
higher profitability

**Dual filling**



Slow and fast filling  
nozzles available

**Multiple CNG cylinder options**  
(360 L /480 L /570 L)



Highest km range in single fill.  
Choice to customer as per application & route.



**HINDUJA GROUP**

SPECIFICATIONS				
Cabin	ecomet STAR Day			
Engine type	H series BS-VI - 4 cylinder CNG			
Maximum power	106 kW (144 HP) @ 2400 rpm			
Maximum torque	450 Nm @ 1200-2000 rpm			
Clutch	330 mm dia - single plate, dry type with clutch booster			
Gearbox type	6 speed synchromesh - ZF6S36 OD GB with Cable CSO			
Propeller shaft	Heavy Duty Monotron Propeller Shaft			
Rear axle	Fully floating single speed rear axle, Hypoid, RAR 5.57:1			
Front axle	Forged I section - Reverse Elliot type			
Steering	Integral power Steering			
Frame	204mm x 76mm x 6mm			
Front suspension	Semi-elliptic multileaf			
Rear suspension	Semi-elliptic multileaf			
Brakes	Full air dual line , Parking brakes on rear wheels only			
Fuel tank	360 L / 480 L / 570 L			
Electricals	12 V, 120 AH, Alternator – 90 A			
Tyre	8.25R20 16 PR			
GVW	14250 kg			
Wheel base	3970 mm	4200 mm	4750 mm	5200 mm
LB Internal length (HSD)	5287 mm (17 LS)	6096 mm (20 LS)	6770 mm (22 LS)	7315 mm (24 LS)
LB Internal width (HSD)	2264 mm			
LB height (HSD)	1105 mm			

## PRODUCT APPLICATIONS

Parcel and logistics



Market load



Fruits / Vegetables



Food grains



White goods



Dairy



Cement



Industrial goods



## SAFETY FEATURES

### Swagelok fittings



- Excellent gas-tight sealing and tube-gripping
- Leak proof operation
- Excellent Vibration resistant

### Manual cylinder valve



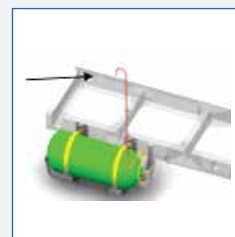
- Manual on/off valve for each cylinder
- Max working Pressure 260 bar
- Safety Venting

### Stainless steel pipes



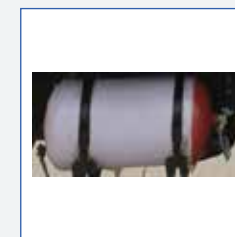
- Stainless steel pipe with high safety rating
- Excellent surface finish and corrosion resistance
- A leak tight joint

### Vent lines



- In case of high temp & increased pressure, vent line will release the CNG from Cylinders
- Vent line given at Front & Rear

### CNG cylinder



- Meets all safety standard
- Wide choice of CNG cylinder options - (90L,120L & 180L)

### Ignition cut off switch



- Ignition cut off switch to avoid vehicle starting during filling
- Ensure proper safety during CNG filling

 **ASHOK LEYLAND**  
Koi Manzil Door Nahin

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