



ASHOK LEYLAND

Koi Manzil Door Nahin

BOSS 1920

NOW ALSO AVAILABLE IN 6.7 m (22 ft) LOADING SPAN



**DESIGNED
TO PERFORM.**



HINDUJA GROUP

INTRODUCING **BOSS** **1920**

BOSS 18.5 TON TRUCK

Presenting the BOSS - a revolutionary 18.5 ton truck, that seamlessly combines the strength and ruggedness of a truck with the comfort of a car. The new 147 kW (200 hp) engine delivers the best-in-class mileage and pickup, helping you maintain the uptime and turnaround time. With contemporary styling, aesthetically designed trim lines and powerful and strong aggregates, the BOSS 1920 delivers superior performance, reliability and durability at a lower operating costs. It promises to make every ride comfortable, safe and more productive with its innovative and thoughtfully designed sleeper cabin. The spacious cabin offers a sense of relief and the luxury of stretching with ease. It is available in various sizes of high side deck load body.





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 lower 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 combined with innovative air intake system and exhaust treatment offers higher performance
- Longer active regeneration intervals: Ensures longer DPF life
- Compact Exhaust After Treatment System: Allows flexibility in packaging/ better space utilisation
- Larger Diesel Exhaust Fluid (DEF) tank: Coupled with lower consumption, ensures less frequent DEF refills
- Shortest first pipe length in exhaust system: Best-in-class thermal management

POWER-PACKED INTERIORS

Factory fitted music system with speakers

Best-in-class instrument cluster

Front and rear openable window for ventilation

Large size window shield



Ample cabin storage

Blower

USB port charger for mobiles

Wider sleeper berth with storage

CABIN FEATURES



Openable quarter window



LED lamp



2-way adjustable driver seat



Wide sleeper berth



Quarter window for better pedestal safety



Hydraulic tilt cabin

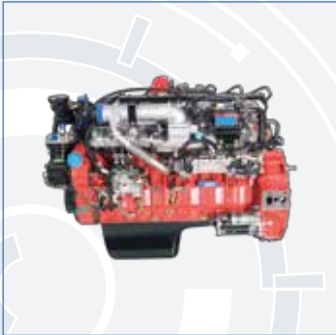


Tilt and telescopic power steering wheel



Ample storage space below sleeper berth

UNIQUE FEATURES



New i-Gen6 engine

- Common rail system with minimal changes over BS-IV ensures engine familiarity and parts availability
- Higher power and torque
- Flat torque curve for improved mileage



Revolutionary Mid-NOx technology

- Compact EATS
- Air assist DEF spray
- Longer regeneration interval
- Lower DEF consumption



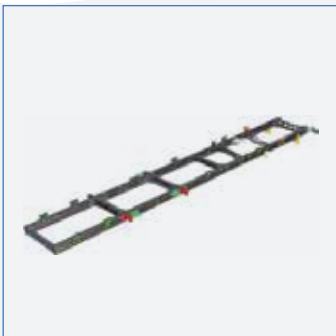
Heavy-duty rear axle

- Reliable 60 SHO rear axle
- 10 wheel bolt
- Best-in-class oil change interval



Rugged suspension

- Rear: semi-elliptical leaf spring with helper spring
- Front: shock absorber and anti-roll bar for better comfort and stability



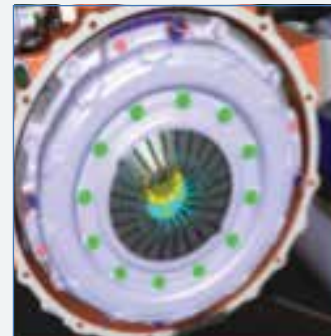
Stronger frame

- Frame made of high strength material for higher load carrying capacity: HSFQ 700
- Longer life, higher durability and light weight



Stronger gearbox

- Proven 6 speed ODBGB
- Best-in-class oil change interval: 1.6 Lakh kms



Clutch

- 380 mm diameter diaphragm, hydraulic push
- Organic liner for smooth operation



Grease free clutch operation

- Unilever clutch actuation
- Requires no greasing
- Smooth gear engagement

UNIQUE FEATURES



Integrated Pedal Unit

- Better ergonomics and ease of accessibility
- Fit-and-forget with no further settings required
- Lesser pedal effort and pedal travel
- Optimal positioning of pedals for untiring long-distance drive



Advance Digital Driver Assist (ADDA)

- Trip wise distance and KMPL
- Gear shift guidance
- Driver score
- User friendly tell tales



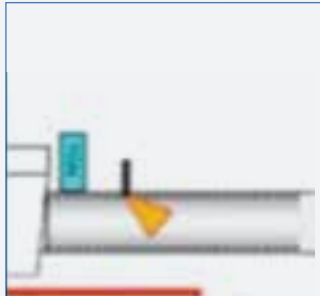
Reverse park assist

- Proximity/ accident hazard audio warning
- Easy to handle for single driver



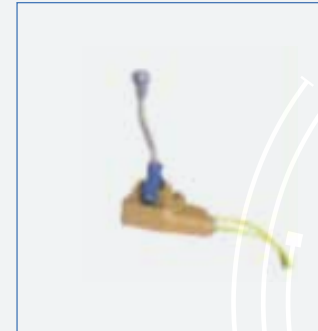
Lube for life propeller shaft

- No greasing required
- Double honeycomb rubber for enhanced damping



Unique HC dozer

- Improve thermal efficiency of EATS
- Lesser diesel consumption and longer engine oil change interval



Cable Shift Operation

- Smooth and effortless gear shift reduces driver fatigue
- Lesser vibration and precise gear shift feel

BUILT FOR ALL APPLICATIONS

APPLICATIONS



POL, milk and water tankers



LPG cylinder



Beverages



2 and 3 wheeler carrier



Cement



Aqua and dairy



Parcel/ courier



White goods



Special applications



Fruits/ vegetables



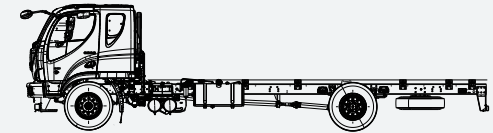
Reefer



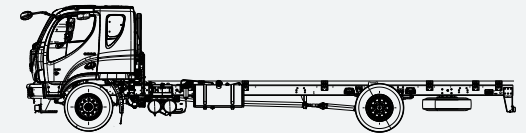
E-commerce

LOADING SPANS

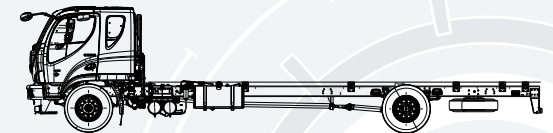
5.5 m



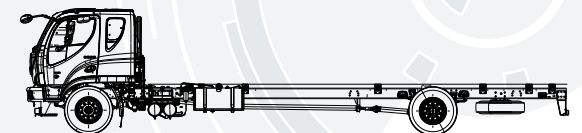
6.1 m



7.3 m

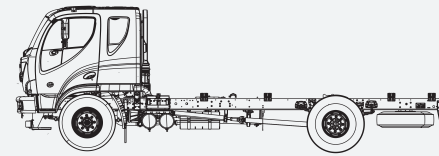


9.3 m

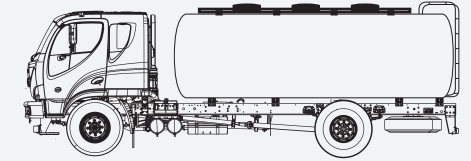


Cabin	BOSS sleeper
Engine	H series BS-VI 6 cylinder CRS with i-Gen6 technology
Max. power	147 kW (200 hp) @ 2400 rpm
Max. torque	700 Nm @ 1200-2000 rpm
Clutch	380 mm diameter, diaphragm type with clutch booster
Gearbox	6 speed synchromesh with Cable CSO system
Propeller shaft	Heavy-duty monotron propeller shaft
Rear axle	Fully floating single speed rear axle, hypoid, RAR 6.17
Front axle	Forged I section - reverse Elliot type
Steering	Integral power steering with tilt and telescopic
Frame	228.5x75x6 mm - bolted construction with constant width
Front suspension	Semi-elliptic leaf spring with shock absorbers
Rear suspension	Semi-elliptic multi leaf
Brakes	Full air dual line. Lining thickness 16mm. Parking brakes on rear wheels only
Fuel tank	185 litres/ 350 litres
AdBlue tank	24 litres
Electricals	24 V, 110 Ah alternator - 85 A
Tyre	295/ 90 - R20 tube tyre
GVW	18,500 kgs

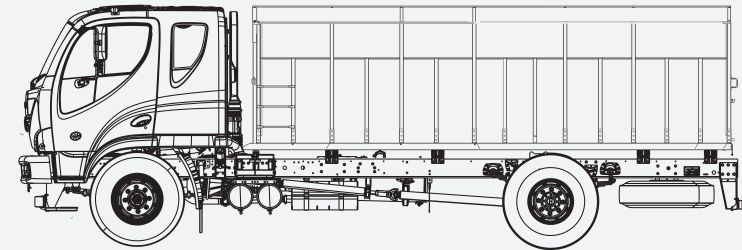
COACH BUILDER DRAWING



CBC



POL TANKER



HSD

MAJOR DIMENSIONS

Wheelbase (mm)	4,700	5,100	5,350	5,750	6,700
Loading span (m)	5.5	6.1	6.7	7.3	9.3
Loadbody length (HSD) (mm)	5,486	6,097	6,706	7,315	NA
Load body width (HSD) (mm)	2,310	2,310	2,310	2,310	NA
Load body height (HSD) (mm)	1,143	1,143	1,143	1,143	NA
Min. ground clearance (mm)	250	250	250	250	250
Turning circle diameter (m)	16.5	17.9	17.9	20.2	23.5

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