

PRIMA
H.55S

Amid the global climate change scenario, the world is moving towards cleaner automotive fuel. The Government of India has taken an ambitious target of reducing the emissions intensity by 45% by 2030. Hydrogen, driven by its non-emission characteristics, is turning out to be one of the most environment-friendly fuel solutions, from creation to consumption. In automotive applications, Hydrogen fuel cell technology is emerging as a promising alternative for fossil fuels. Hydrogen has the highest energy content of any fuel we use today. On a weight basis, hydrogen has nearly three times the energy content of gasoline. In comparison to other renewable fuels, hydrogen as fuel used in IC engines offers minimal or zero CO₂ emissions with blue or green hydrogen. Tata Motors has taken significant initiatives towards developing hydrogen fuel-based products and has been leading the development of Hydrogen-powered vehicles. The **Tata Prima H.55S** is an industry-first vehicle to move goods in an environmental-friendly manner with optimal cost of operations.

Features:

- Multi-information cluster
- Advanced infotainment system – 7" infotainment screen with touch screen, Bluetooth compatibility & auxiliary connect support
- Easy navigation with phone mirroring, saved maps and flexibility for usage in remote locations
- Mobile pairing & compatibility enabling attending calls, reading SMS and playing videos without holding phones
- Elegant steering wheel with controls to navigate infotainment system, paired phone functions for convenience
- Projector headlamps with DRLs (Daytime Running Lights) with integrated cornering lamps
- Enhanced day & night running illumination with best-in-class front head lamps
- LED Fog lamps introduction to cater to extreme rainy and winter seasons, and different terrain driving conditions
- Safety Lamps – LED side repeater, door ajar & pedal lamps for enhanced safety.
- Hill Start Aid (HSA)- provides automatic roll brake functions allowing the driver to comfortably start uphill by preventing the vehicle from rolling backwards
- 'Fleet Edge' Advanced telematics solutions with Prognostics, preventive maintenance solutions, energy mode switch with connected solutions like 'over the air' calibration
- Electronic Stability Control (ESC) - Automatically intervenes where vehicle stability enters a critical area, improves directional stability, and mitigates roll-over by reducing the speed
- Driver Monitoring System (DMS) alerts the driver in case the driver is feeling drowsy and distracted
- Collision Mitigation System (CMS) - Mitigates a high-speed crash and increases safety – Avoids collision and reduces accidents. related fatal chances and costs
- Lane Departure Warning System (LDWS) – Camera-based warning system that helps keep the vehicle to stay in lane. Warns the driver with visual, audible, or haptic signals. Helps to avoid potential collisions and run-off-road accidents
- Tyre Pressure Monitoring System (TPMS) for better fuel efficiency, enhanced tyre life and drive safety
- Truck Unitized Bearing - Enhanced Service life & Lower rolling friction leading to improved fuel efficiency
- Low-resistance tubeless tyres
- Washable moulded cabin interior trims for enhanced maintainability and serviceability
- Suspended driver seat & twin accommodation co-driver seats for enhanced comfort & convenience

TATA MOTORS*Safer » Smarter » Greener*

Highlights:

- Cummins 6.7L H₂ engine with 290HP and 1200Nm
- Max Range of 350 to 500km
- Superior fuel economy as compared to conventional fuels
- Lower overall maintenance of vehicles as compared to diesel-powered vehicle
- Prima cabin with best-in-class comfort & convenience
- Enhanced driver safety with **Active & Passive Safety Features: HSA, ESC, CMS, LDWS, DMS, TPMS**
- Best-in-class performance **with higher engine power and torque**

Applications: cement, coal, fly-ash bulkers, steel coil movement, bulk cargo, construction aggregates, haulage and distribution

Technical specifications:

Parameter	Description
GCW	55000kg
Cabin	Prima facelift AC Sleeper Tilttable cabin
Engine	Cummins B6.7L H - BS6, 290HP @ 2300rpm, 1200Nm @ 1200-1600rpm
Gearbox	Heavy Duty 9S Gear Box
Rear axle	Tata -RA114 (THU Axle as an option)
Tyres	295/90R20-16PR,
Suspension	Front: Parabolic Springs with rubber bush. Rear: Multi-leaf Suspension
Fuel Tank	TYPE-3 Cylinders with Fuel Storage Total Capacity @350bar -50kg
Brakes	S-Cam brakes with ICGT Liners
Grade-ability	23%
Range	350 to 500km
Payload capacity	~38 tonne

