

for immediate use

PRODUCT NOTE

Tata Prima H.28

The global push for sustainable solutions is driving the adoption of hydrogen-powered vehicles as a viable alternative to fossil fuels. With its near zero emission properties and the highest energy content among all fuels, hydrogen offers immense potential to transform the automotive landscape. This clean energy source not only addresses climate change but also aligns with India's ambitious goal of reducing emission intensity by 45% till 2030. Its versatility and sustainability make hydrogen a game-changing solution for cleaner and greener mobility.

At the forefront of this transition, Tata Motors is pioneering the development of hydrogen-powered vehicles. Building on its legacy of innovation and commitment to sustainability, the company is developing Tata Prima H.28 to move goods in an environmental-friendly manner with optimal cost of operations. Combining advanced engineering with a focus on operational efficiency, the Tata Prima H.28 sets a new benchmark for sustainable logistics, reinforcing Tata Motors' leadership in green mobility solutions.

USPs:

- India's first 4 Cylinder H₂ICE engine: Tata 5.3L H₂ ICE engine with Best in class NVH for improved comfort
- Contemporary Prima facelift Cabin with Enhanced Cabin comfort enabling continuous operation
- Futuristic styling equipped with LED lamps for enhanced looks and safety.
- Meeting all AIS195 H₂ safety standards
- Hydrogen Leak detection system for vehicle/occupant safety
- ADAS level 2 compliant with 21+features, Best-in-class Driver Monitoring System (DMS) with 5 safety enhancing features
- Advanced infotainment system – 7" infotainment touch screen with Bluetooth compatibility & auxiliary connect.
- New Styled Steering wheel with controls for infotainment system controls
- Multi-information Display Cluster with 7" TFT with Driver friendly features for best-in-class fuel economy
- Best in class Connectivity through Fleet Edge equipped with 70 features (10+ unique to H₂ICE)
- FOTA-Enabled control units for Seamless Upgrades
- Next gen e Mirror, Power window, Central locking

Applications: Industrial goods, agricultural goods, cement bags, steel, coal

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Technical specifications:

Parameter	Description
GVW (kg)	28,000
Engine	TATA 5.3L ICE H2 SGI BS VI
Gearbox	G950 6S Manual
Cabin Type	New Prima aerodynamic Sleeper Cabin
Tyre	Option 1: 295/80 R22.5 (Tubeless tyres), Option 2: 295/90R20 (Tube tyres)
Suspension	Front: Parabolic leaf spring Rear: Rear semi elliptical multi leaf suspension Optional: Slipper Suspension
Brakes	S Cam Pneumatic brakes with EBS
Fuel System	1500 L total capacity
ICE H2 Cylinder Type	Type 4
Range	Up to 500 km+ based upon cylinder configuration & duty cycle
Deck Length	24' Curtain sider Container