

for immediate use

PRODUCT NOTE

Tata Prima 5532.S with ADAS

The Tata Prima 5532.S 4x2 with ADAS brings a new dimension of safety, reliability, and operational excellence to the 55-tonne tractor segment. Powered by the robust 6.7L Cummins 320 HP engine and a proven 9-speed gearbox, it delivers high torque, enhanced drivability, and dependable long-haul performance. The introduction of India specific features including Driver Monitoring System (DMS), Lane Departure Warning System (LDWS), and Collision Mitigation System (CMS) —significantly enhances road safety by reducing collision risks, preventing lane drift, and monitoring driver alertness in real time. These intelligent systems not only reduce fatigue and mental load but also lower insurance exposure and downtime, resulting in measurable operational savings. Combined with the premium Prima cabin, rugged aggregates, and superior 55T GCW capability, the Prima 5532.S tractor sets a new benchmark for safety-led productivity and fleet efficiency.

Key Features

- Reliable 9 speed gearbox paired with single reduction rear axle and rugged Prima chassis designed for heavy duty trailer applications.
- Better fleet monitoring as ADAS event data integrates seamlessly into telematics, enabling fleet managers to track alerts, driver behavior, and real time operational risks.
- Reduced driver fatigue through adaptive alerts, improved cabin ergonomics, pneumatic suspended seat, and minimized mental load during long journeys.
- FOTA (Firmware Over-The-Air) capability, enabling remote system upgrades and reducing workshop visits, ensuring vehicles stay updated with the latest enhancements.

Applications: Construction aggregate, Steel & other metal, Coal, Industrial goods & Market load, Cement, Sand etc

Technical specifications

Parameter	Description
GCW (kg)	55000
Power	320 HP
Torque	1100 Nm
Gearbox	9 Speed Manual Gearbox
Suspension	Front - Parabolic leaf spring Rear – Bell Crank Suspension
Rear axle	Single Reduction Axle
Tyres	295/90 R20
Fuel tank	365 L
Gradeability	23%