

for immediate use

## PRODUCT NOTE

### Tata Signa 5532.S

The Tata Signa 5532.S (FE Series tractor) sets a new benchmark in its category with a powerful and highly efficient 6.7L Cummins 320HP engine, delivering exceptional torque, superior gradeability, and stronger pulling capability for the most demanding long-haul applications. With next-generation driveline optimization, enhanced aerodynamic enhancements, and advance engine upgrade, the vehicle achieves significantly higher mileage and reduced operating costs—enabled by the refined and precisely calibrated powertrain. Engineered for continuous long-distance operations, it is equipped with the safest and most ergonomic Signa cabin featuring Hill Start Assist, Gear Shift Advisor, and a 3-way mechanically suspended adjustable seat to ensure fatigue-free driving. Together, these advancements deliver unmatched comfort, operational efficiency, and dependable performance across steel, industrial goods, cement, aggregates, and other heavy-duty transport segments.

#### Key Features

- Smart fuel-optimization technologies with advanced engine upgrade & enhanced aerodynamics, combining turbocharger technology and features including Auto FE switch and cruise control, ensuring consistently high fuel mileage across varying drive cycles.
- Robust driveline with a 430mm dia clutch and 9-speed G1150 gearbox, offering unmatched durability, smoother power transmission, and enhanced performance even under demanding load conditions.
- Signa cabin meeting euro crash standards, ergonomic suspended seating, maximized in cabin space, best in class NVH levels, and user-centric controls for maximum driving comfort and fatigue-free operations.
- Enhanced safety suite including an engine brake for controlled descents, Hill Start Assist to prevent rollback on gradients
- FOTA (Firmware Over-The-Air) capability, enabling remote system upgrades and reducing workshop visits, ensuring vehicles stay updated with the latest enhancements.

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

#### Technical specifications:

Parameter	Description
GCW (kg)	55000 kg
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	27%