

Tata Signa 5532.S

The Tata Signa 5532.S 6x2 tractor creates new segment in Indian trucking space and is engineered to deliver superior performance, higher uptime, and unmatched operating efficiency for long-haul applications and enhanced stability. Powered by the proven 6.7L Cummins 320HP engine, it offers exceptional torque, improved gradeability, and stronger pulling capability even at the full 55T GCW. The state-of-the-art 6x2 axle architecture with a self-steer lift axle ensures optimal load distribution, enhanced tyre life, and reduced fuel consumption during empty or partial-load operations.

Built on Tata Motors' next-generation driveline optimization and powertrain calibration, the 5532.S 6x2 delivers higher mileage, lower operating costs, and long-term durability. The premium Signa Sleeper Cabin—with AC, ergonomic seating - ensures maximum driver comfort, and fatigue-free driving during continuous long-distance operations. Combined with advanced braking systems, telematics integration, and a robust chassis, the 5532.S 6x2 sets a new benchmark for reliability and performance in steel, cement, market load, industrial goods, and multi-corridor freight operations

Key Features

- Fuel efficiency further strengthened with, reduced rolling resistance through lift-axle operation during empty/partial loads
- Robust driveline with a 430mm dia clutch and 9-speed manual gearbox, offering unmatched durability, smoother power transmission, and enhanced performance even under demanding load conditions.
- Hydraulic power steering with tilt & telescopic adjustment ensuring effortless maneuverability and precise handling, even with multi-axle steering dynamics
- High fuel-capacity dual tank (557L total) facilitating longer uninterrupted hauls and lower stoppage frequency, ideal for national long-distance corridors.

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	557 L
Gradeability	29%