

## TATA MOTORS KA BHAROSA RAHE AAPKE SAATH HAR KADAM

**TATA MOTORS**  
**SAMPOORNA SEVA**  
AAPKE SAATH HAR KADAM  
TOLL FREE  
**1800 209 7979**

TATA MOTORS INSURANCE  
6 YEAR WARRANTY  
TATA FLEETMAN  
TATA DELIGHT  
TATA OK

TATA GENUINE PARTS  
TATA SURAKSHA  
TATA PROLIFE  
TATA KAVACH  
TATA ALERT



Service-Anywhere, Anytime



6 SAAL. AAPKA KHAYAL.



Fleet Telematics for higher productivity



Har Kadam Par Khushiyen



FIRST STEP TO SUCCESS



Engineered to go the distance



ANNUAL MAINTENANCE CONTRACT



rebuilt to last



QUICK ACCIDENT REPAIR



Experience the best...

### TATA MOTORS

For more information, please visit our website: [www.tatatrucks.tatamotors.com](http://www.tatatrucks.tatamotors.com)

You can also contact our Sales Office: Tata Motors Limited, 4th Floor, Ahura Centre, 82, Mahakali Caves Road, MIDC, Andheri (East), Mumbai - 400 093 or call toll-free no. 1800 209 7979.

Terms & Conditions apply as per the policy of ITGI. Insurance available on light, intermediate & heavy commercial vehicles.

CAUTION: Accessories shown in the picture or elsewhere do not constitute standard fitment.

The specifications are merely indicative. Due to continuous product improvements, these specifications are liable to change without notice.

**TATA MOTORS**  
Connecting Aspirations



## TWO STARS, TWICE THE IMPACT

Now more eco-friendly, reliable, fuel-efficient

**SIGNA 5523.S**



**ENHANCED DRIVETRAIN  
HIGHER CAPACITY AXLES**  
HIGHER GVW | HIGHER PAYLOAD

**55 000 kg GVW**

Terms & Conditions apply

## SIGNA 5523.S

### Power of India's Largest Selling 55T Tractor Trailer

#### Applications

Cement, Steel, Coal, Port, Chassis-on-Trailer, Container, Fly-ash, Bulk Cement, Industrial Goods/Machinery, Aggregates, ODC



- Available in 2-colour combinations - Sunrise Orange and Titanium White
- **Cummins ISBe 5.9 L "Umbrella" engine with Cummins Fuel Injection System** and innovative features like twin mode FE switch, 2-stage fuel filtration, VAM, LBSC, GDP, optimised APM & DEF cal, e-viscous fan and longer oil drain intervals. Reduced maintenance cost with TMGO.
- **GSA: Facilitates Load/Terrain based optimised gear shifting for best mileage in the prevailing operating condition.**
- **Proven Tata G1150 gearbox and reliable RA 109 SRT rear axle** for excellent traction, loaded acceleration, restartability and optimised

fuel economy under diverse operating and loading conditions, with enhanced driving comfort and low maintenance. Reduced maintenance cost with TMGO.

- **SIGNA cabin for world class riding comfort and driving ergonomics with factory fitted AC/Blower and Telematics.**
- **Cummins SCR after treatment system** - Clean, safe, robust and reliable.
- Best-in-industry durability, reliability and running performance.
- Fully built options available.

#### TATA ADVANTAGES

- ▶ India's favourite tractor for 3-axle trailer applications
- ▶ Lower maintenance cost
- ▶ 6-year/6 lakh driveline warranty
- ▶ Easier liquidity in resale
- ▶ Bogie and Bell Crank suspension options as per application
- ▶ Longer service intervals
- ▶ Widest spare & service network
- ▶ Benchmark durability & reliability
- ▶ Higher return on invested capital
- ▶ Low cost spares
- ▶ Highest resale value in segment
- ▶ FBV warranty
- ▶ Application-specific AMC offers
- ▶ FBV: Favourbale funding

## TECHNICAL SPECIFICATIONS

## SIGNA 5523.S

ENGINE	
Model	Cummins ISBe 5.9 230
Emission Norms	BS4
Max. Power	170 kW @ 2 500 r/min
Max. Torque	810 Nm @ 1 000 - 1 800 r/min
Displacement	5 883 cm <sup>3</sup>
Fuel Injection Pump	Common Rail
Other Details	Air Filter: Dry Type Air Filter; Bore x Stroke: 102 mm x 120 mm  Fuel Filter: Pre and Fine Filtration with Water Separator  After Treatment Unit for Selective Catalytic Reduction (SCR)
CLUTCH	
Clutch	380 mm dia, Dry Single Plate, Push Type, Booster-assisted
GEARBOX	
Gearbox	Tata G1150 Synchromesh Gearbox, 9 F + 1 R
FRONT AXLE	
Front Axle	Heavy Duty Forged I Beam, Reverse Elliot Type
REAR AXLE	
Rear Axle	RA 109 SRT
STEERING	
Steering	470 mm dia, Hydraulic Power-assisted

SUSPENSION		
Front	Semi-elliptical/Parabolic Leaf Spring	
Rear	1. Inverted Tandem Bogie or 2. Bell Crank Suspension	
Anti-roll Bar	Yes, at Front	
Shock Absorbers	Yes, at Front - Hydraulic Double Acting Telescopic Type	
BRAKES		
Brakes	Full Air S-Cam with Automatic Adjuster	
Service Brakes	Dual Treadle Valve Acting on all wheels with Automatic Wear Adjuster	
Secondary Braking System	Graduated Spring Brake Acting on all 4 Rear Wheels of Tandem Axle	
ABS	Yes, Standard Fitment	
TYRES		
Size & Type	Option 1: 295/80R 22.5 Tubeless (F+R) Option 2: 295/80R22.5 Tubeless (F) + 10R20 (R)	
FUEL TANK		
	Bogie	Bell Crank
	400 l (300 l +100 l)	300 l
CHASSIS FRAME		
Frame Type	Ladder Type Heavy Duty Frame with Riveted & Bolted Cross Members	
Dimensions	285 mm x 65 mm x 7 mm	

CABIN		
Type	All-new SIGNA Cabin, All-steel, 4-point Suspension with Roller Bush Arrangement in the Rear	
Seat	Mechanically Suspended Seat for Driver and Bucket Seat for Co-driver, with Integrated Headrest	
Seat Belts	Emergency Locking Retractor (ELR) Type for Driver and Co-driver	
Berths	Two Nos.; Wide Berths	
Side Steps for Entry	Three Steps on LH & RH Sides, with Grab Handles for Easy Entry	
Head Lamp	Wrap-around Clear Lens Head Lamps	
Optional Fitments	Fog Lamps, Music System	
Air Ventilation Options	AC/Blower	
ELECTRICAL SYSTEMS		
Battery	24 V, 100 Ah	
DIMENSIONS		
Wheelbase	Bogie	Bell Crank
	3 880 mm	3 880 mm
Overall Width	2 598 mm	
Overall Length	6 603 mm	
Overall Length	6 869 mm	
PERFORMANCE		
Max. Gradeability	20 % in First Gear	
WEIGHTS		
Max. Permissible FAW	7 000 kg	
Max. Permissible RAW	21 000 kg	
Max. Permissible GCW	55 000 kg (When coupled with Suitable 3-Axle Trailer)	

Specifications are subject to change without prior notice. These are indicative photos, specifications for reference only.

- ▶ All steel cabin
- ▶ Highest level of noise and heat insulation
- ▶ Factory fitted Tata Fleetman Telematics device
- ▶ Contemporary styling
- ▶ Ease of reparability and serviceability
- ▶ Impact and crash barrier tested
- ▶ Wide angle visibility



Premium interior aesthetics for superior in-cab driving experience



Easy accessibility of controls, comfy and expedient driveability



- ▶ Seats with Emergency Locking Retractor (ELR) seat belts
- ▶ 3-way adjustable mechanically suspended seat for unmatched riding comfort
- ▶ Deep seat cushioning and extended body support for long, fatigueless driving
- ▶ Cockpit type dual tone interiors



Air-conditioning



Electronic viscous fan



Truck ventilation system



Tilt & telescopic steering



- ▶ Ergonomic dashboard design with advanced instrument cluster & tell tale lamps
- ▶ Trip mileage indicator to detect average fuel economy

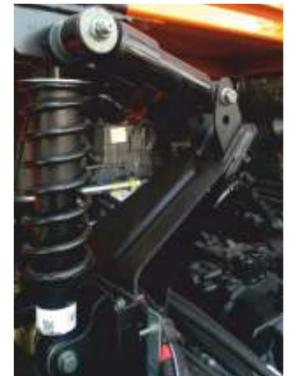
Improved cabin suspension with front dampers and rear shock absorbers with coil springs

Enhanced driving comfort with transverse cabin shockers at rear

Best-in-class NVH characteristics



Innovative Gear Shift Advisor for load-terrain based gear shift coaching



Provision for infotainment



- ▶ Factory fitted air-conditioning/blower options
- ▶ Elegant control panel with ergonomically positioned switches
- ▶ Fuel Economy Switch for load/gradient based mileage governance
- ▶ Power socket provision



Wide and comfortable sleeper berth with spacious berth box



Both side grab handle and wider door angle for easy ingress/egress



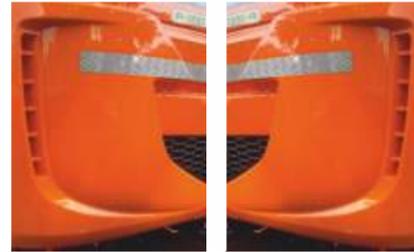
Magazine pocket and bottle holder



Pendant type accelerator and clutch pedal for fatigueless driving



Clear lens wrap-around head lamp for superior visibility coupled with chic styling



LH & RH aero corners for reduced aerodynamic drag and better fuel economy



Lowest step-in height with three-step footstep and scuff plate



Lockable glove box beneath co-driver seat



Side close proximity mirror  
Normal rear view mirror  
Wide angle rear view mirror



Single locking system for entire vehicle



Ergonomic steering wheel



3-piece bumper | Ease of reparability due to modular design

Images are representational



- ▶ Better Fleet Utilisation
- ▶ Higher Vehicle Uptime
- ▶ Better Control of Operating Cost
- ▶ Faster Turnaround Time
- ▶ Proactive Maintenance
- ▶ Higher Driver Productivity
- ▶ Better Return Load Planning
- ▶ Stolen Vehicle Tracking



Real-time Vehicle Tracking



Monitoring of:  
Idling | Green Band Driving  
Over Speeding | Over Revving  
Over Run | Heavy Throttle



Review of Trip Performance between Locations



Geo-fencing



Fuel Consumption & DEF Monitoring



Harsh Acceleration, Braking and Cornering Detection



SMS Alerts & Reports



Mobile Application

## Tata 6-Year Warranty

Sampoorna khayal har kadam.



6 SAAL. AAPKA KHAYAL.

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