

# Performance Har Kadam



**SIGNA**  
**3518.S**

*Now More Eco-friendly, Reliable and Fuel Efficient.*

POWER OF ADVANCED EMISSION CONTROL

Our truck now comes with an advanced active emissions control technology system called **Selective Catalytic Reduction (SCR)**. It injects a liquid reductant agent (Diesel Exhaust Fluid) through a special catalyst into the exhaust stream of a diesel engine, converting NO<sub>x</sub> into nitrogen, water and CO<sub>2</sub>, which are natural components of the air we breathe.

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TECHNICAL SPECIFICATIONS

ENGINE	
Model	Cummins ISBe 5.9 180 40
Emission Norms	Bharat Stage IV
Max Power	132.5 kW (178 HP) @ 2500 r/min
Max Torque	690 Nm @ 1500 r/min
Displacement	5883 cm3
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 G750 Synchromesh Gearbox, 6 F + 1 R
FRONT AXLE	
Front Axle	Heavy Duty Forged I Beam Reverse Elliot Type
REAR AXLE	
Rear Axle	RA 109 RR with Rear Axle Ratio - 5.86
STEERING	
Steering	470 mm Dia, Hydraulic Power Assisted

SUSPENSION	
Suspension	Semi-elliptical/Parabolic Leaf Spring at Front & Semi-elliptical Multi Leaf Spring at the Rear.
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
ABS	Yes, Standard Fitment
WHEELS & TYRES	
Tyres	10R20 16 PR, Front - 2, Rear - 4, Spare - 1
Wheel Rims	7.5 x 20
FUEL TANK	
Fuel Tank	400 l, Metallic
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 Side With Grab Handles for Easy Entry
Head Lamp	Wrap-around Clear Lens Headlamps
Optional Fitments	AC, Fog Lamps, Music System
ELECTRICAL SYSTEMS	
Battery	24V, 100 Ah
Alternator	90A
DIMENSIONS	
Wheelbase	3200 mm
Max. Width	2565 mm
Overall Length	5625 mm
Minimum Turning Circle Dia.	12300 mm
PERFORMANCE	
Max. Gradeability	18% in First Gear
WEIGHTS	
Kerb Weight	5970 kg
Max. Permissible FAW	6000 kg
Max. Permissible RAW	10200 kg
Max. Permissible GCW	35200 kg (When Coupled With Suitable 2 Axle Trailer)

LARGEST SERVICE NETWORK

ANNUAL MAINTENANCE CONTRACT

TATA FLEETMAN/ SKOOLMAN

TATA KAVACH

TATA ALERT

PROLIFE

TATA MOTORS

SAMPOORNA SEVA

HAR PAL AAPKE SAATH

TOLL-FREE NO.:1800 209 7979

LARGEST PARTS NETWORK

TATA EXPRESS SERVICE

TATA GENUINE PARTS

LOYALTY REWARDS

PRIORITY FIRST

TATA OK

TATA MOTORS

For more information, please visit our website: [www.tatamotors.com](http://www.tatamotors.com). You can also contact our Sales Office: **Tata Motors Limited**, 4th Floor, Ahura Centre, 82, Mahakali Caves Road, MIDC, Andheri (East), Mumbai 400093 or call toll-free no. **18002097979**.

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.