

TATA MOTORS
Connecting Aspirations



TATA SIGNA 2518.K



Best of Comfort
with SIGNA Cabin

Most Productive
in its Class

Reliable & Proven
Heavy Duty Aggregates

Strong and Long Lasting
Tipper Body

Unmatched Service
and Spare Parts Network

SIGNA 2518.K

SPECIFICATIONS

DRIVE

6x4

EMISSION NORM

BSIII Compliant

ENGINE MAKE/MODEL

CUMMINS 6B5.9 180 HP BS-III

ENGINE CC

5883 cc

MAX. HORSE POWER

178 HP @ 2500 rpm

TORQUE

690 Nm @ 1500 rpm

GEARBOX MAKE/MODEL

TATA G1150-9 Speed DD With PTO

NO. OF SPEED

8 Forward, 1 Reverse, 1 Crawler

FIRST GEAR RATIO

9.13

CLUTCH DIAMETER

380 mm. Single Plate Dry Frictional Type. Push Type (Hydraulically Actuated with Pneumatic Assistance)

FRONT AXLE

Extra Heavy Duty Forged I Beam Reverse Elliot Type

REAR AXLE

RA-109SRT with Inter-axle Differential Lock. Single Reduction, Extra Heavy Duty, Hypoid Gears, Fully Floating Axle Shafts

REAR AXLE RATIO

6.83

FRONT SUSPENSION

Semi Elliptical Leaf Spring at Front with Anti-roll-bar

REAR SUSPENSION

Inverted TML Bogie with Anti-roll bar

SHOCK ABSORBER

Hydraulic Double Acting Telescopic Type at Front

FRONT BRAKE

Full Air S-cam with Automatic Adjuster

REAR BRAKE

Full Air S-Cam with Automatic Adjuster

SERVICE BRAKE

Dual Circuit Full air S-cam Brake

AUXILIARY BRAKING SYSTEM

Engine Exhaust Brake

PARKING BRAKE

Spring Actuated Parking Brake Acting on Rear Wheels

TYRE SIZE

10.00 X 20-16PR

GROUND CLEARANCE

Front - 314 mm, Rear - 235 mm

GRADEABILITY

30% in 1st Gear & 43% with Crawler

MAX. SPEED

70 kmph

FUEL TANK SIZE

300 Liters

BATTERY

12Vx2 = 24V, 120Ah

STEERING

Hydraulic Power Steering

CABIN TYPE

Fixed Cab

WHEEL BASE

3880 mm

VEHICLE OVERALL LENGTH WITHOUT BODY

6746 mm

VEHICLE OVERALL WIDTH

2500 mm

MINIMUM TURNING CIRCLE DIA.

17000 mm

BODY SIZE

16 Cubic Meter Box/ 14 Cubic Meter Scoop