



**4x2 310 HP**

# SITRAK G5S

## DRIVELINE

Power: 228 kw @ 2200 rpm  
Torque: 1250 Nm @ 1200 rpm  
Transmission: 6 Speed Allison Auto  
Diff Ratio: 4.63

## CAPACITY

Wheelbase: 6,000 mm  
GVM: 18,000 kg

## SAFETY

Advanced emergency braking (AEB)  
Front Collision Warning (FCWS)  
Hill Start Assist (HSA)  
Lane departure warning (LDW)

# SITRAK

## SPECIFICATIONS G5S 4x2

### ENGINE

310 hp Euro 6 German Technology MC07H.31-61

**Type:** 6-cylinder 24 valve SOHC

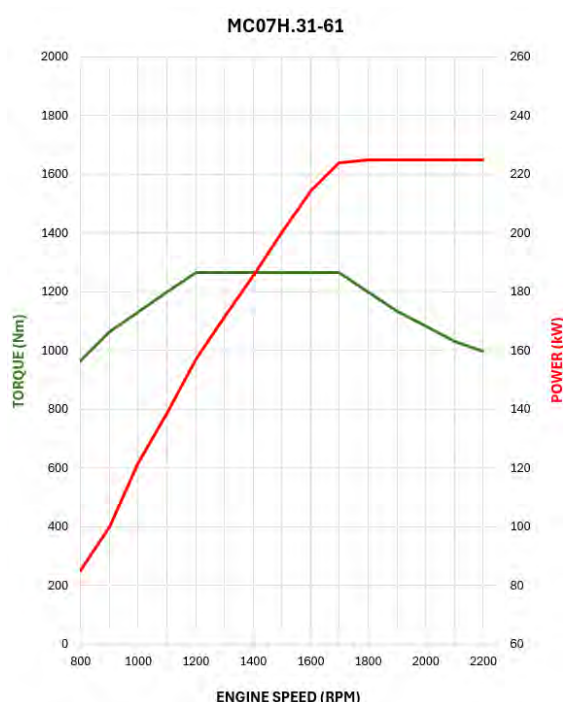
**Total Displacement:** 7.360 litre

**Power Rating:** 228 kw @ 2200 rpm

**Maximum Torque:** 1250 Nm @ 1200-1700 rpm

**Emissions Technology:** Selective Catalytic Reduction and Diesel Particulate Filter

**Exhaust:** Catalytic muffler with SCR catalyser and Diesel Particulate Filter



### TRANSMISSION

6-speed Allison Automatic

**Model:** 3200 Series

**Type:** 6 Speed Automatic

**Forward Ratio:** 3.49, 1.86, 1.41, 1.00, 0.75, 0.65

**Reverse Ratio:** 5.03

**Operation:** 2-pedal operation with automatic and manual shift control

### CHASSIS

**Type:** Trapezium frame

**Dimensions:** 280 x 80 x 8 mm steel channel

**Chassis Width:** 965mm (front)  
850mm (rear)

Front Underrun Protections (FUP)

### STEERING

**Type:** Bosch HD steering gear with gear driven pump

**Gear Ratio:** 22.20~26.20:1

**Wheel Lock Angle:** 43.0° (inside), 33.0° (outside)

### FRONT AXLE & SUSPENSION

**Type:** VPD11DS (Disc)

**Capacity:** 7.0 tonne

**Suspension Type:** Non-Independent 3 parabolic leaf springs with hydraulic shock absorbers

### REAR AXLE & SUSPENSION

**Type:** MCY11BES (Disc)

**Capacity:** 11.0 tonnes

**Ratios:** 4.63 (optional: 3.08, 3.36, 3.7, 4.11, 5.29)

**Suspension Model:** Sinotruk Air Ride

**Type:** 4 bag with ECAS to control ride height

**Differential:** Driver controlled inter-axle lock and differential lock

### BRAKES

**Type:** Full air front and rear disc brakes

**Control:** Wabco EBS/ESC/ASR

**Park Brake:** Spring Brake acting on axle 2

**Auxiliary Braking:** Air controlled exhaust brake

**Front Diameter:** 430 mm disc

**Rear Diameter:** 375 mm disc

### FUEL CAPACITY

**6x4 LWB:** 300 litre rectangular aluminium tank (RHS)  
45 litre AdBlue tank (LHS)

### ELECTRICAL SYSTEM

**Type:** Double/Control Positive Pole

**Voltage:** 24 Volt

**Batteries:** 2 x 12V 180 Ah (1080CCA) with isolator switch

**Alternator:** 28 Volt – 110 Amp

**Starter:** 24 Volt – 5.5 kW

350 Amp Anderson Plug

CAN bus access plug for telematics (optional)

### WHEELS & TYRES

**Wheel Type:** 10-stud 335 mm alloy

**Rim Size:** 22.5x9.0 (front)  
22.5x8.25 (rear)

**Tyres:** 295/80 R22.5 (front)  
11R22.5 (rear)

**Tyre Rating:** 14,200 kg at 130 PSI (front)  
23,200 kg at 125 PSI (rear)



## CAB FEATURES

- 90° opening doors with electronically operated windows
- Anti-slip steps
- Auto windscreen wipers with two speed selection and adjustable intermittent mode
- Class V and Class VI mirrors (LHS kerb and front kerb mirrors)
- Cornering fog lamps
- Daytime Running Lights (DRL)
- Electrohydraulic cab tilt
- Exterior temperature sensor
- Four-point cab mounting system with air bag suspension
- Heated and electric exterior mirrors with independent convex "spotter" mirror
- Keyless start and entry with central locking and immobiliser
- Reverse beeper
- Sunroof
- Translucent sun visor
- Roof mounted Aero Kit

## CAB INTERIOR FEATURES

- 12.2" Multimedia touchscreen Radio/Wi-Fi/Bluetooth and steering wheel controls
- 360° Birdseye view camera: front, rear and side facing including recording
- Air adjusted tilt and telescopic steering wheel
- Apple CarPlay and Android Auto (optional)
- Automatic climate control
- Centre console fridge/freezer (optional)
- Courtesy and reading lights
- Fully adjustable ISRI self-levelling air suspension driver's and passenger seat with headrest, armrest, heated and ventilated, adjustable damper and integrated lap-sash retractor seat belt
- Interior LED trim lighting
- Overhead storage compartments, push out tray, cupholders and door pockets.
- USB and cigarette lighter power outlets

## DRIVER CONTROL FEATURES

- Air horn switch
- Combination switches controlling exhaust brake, manual gear selection, turn indicators and windscreen wipers
- DPF regeneration and override buttons
- Fuel primer switch (automatic off)
- Hazard lights
- Headlight levelling switch
- Push to Start
- Rotary style gear selector

## ADVANCED SAFETY FEATURES

- Automatic Emergency Braking (AEB)
- Blind Spot Camera (turn signal triggered)
- Front Collision Warning System (FCWS)
- Hill Start Assist (HSA)
- Lane Departure Warning (LDW)

## DIGITAL CLUSTER

- AdBlue gauge
- Air Pressure gauges (tank 1 and tank 2)
- Coolant temperature
- Driver profiles
- DPF filter gauge
- Engine hour meter
- Fuel consumption
- Fuel gauge
- Multimedia display
- Speedometer with digital read out
- Tachometer
- Transmission oil life
- Transmission oil level
- Trip meter
- Tyre Pressure Monitor (optional)

## WARRANTY AND ROADSIDE ASSISTANCE

Standard Factory Warranty\* (whichever comes first):

3 years or 600,000km

Driveline Warranty (whichever comes first):

3 years or 1,000,000km

Warranty on Dealer Fitted Accessories:

12 months unlimited kilometres



\*Warranty on batteries is 12 months from delivery date



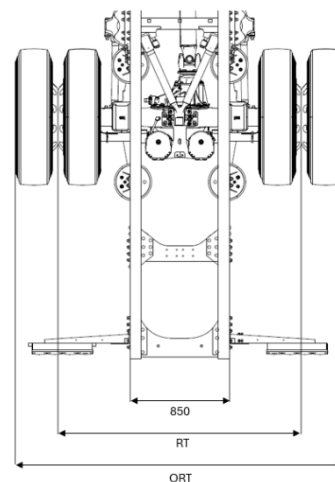
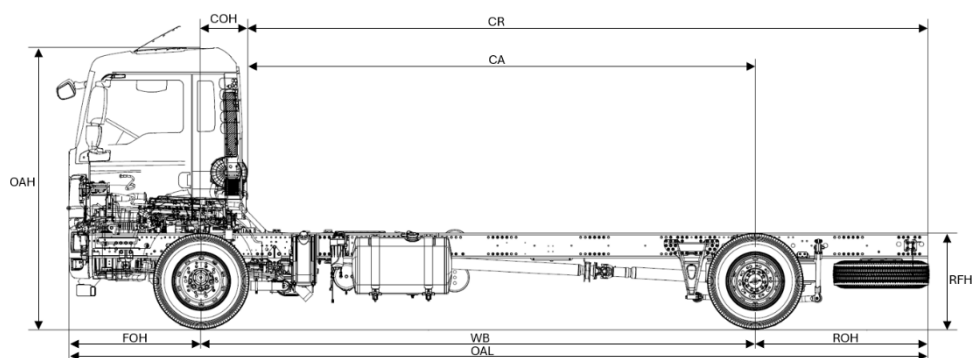
## DIMENSIONS

Measurements in mm/Weights in kg

|                                       |                |         |
|---------------------------------------|----------------|---------|
| Chassis Model                         |                | G5S 4x2 |
| Overall length (OAL)                  |                | 9,290   |
| Nominal Body Length (CA+WBx0.6 - I00) |                | 9,040   |
| Front Overhang (FOH)                  |                | 1,430   |
| Wheelbase (WB)                        |                | 6,000   |
| Rear Overhang (ROH)                   |                | 1,860   |
| Cab Overhang (COH)                    |                | 460     |
| Cab to Axle (CA)                      |                | 5,540   |
| Cab to Rear (CR)                      |                | 7,400   |
| Front Track (FT)                      |                | 2,072   |
| Rear Track (RT)                       |                | 1,870   |
| Outer Rear Track (ORT)                |                | 2,500   |
| Ground Clearance <sup>^</sup>         | Front          | 295     |
|                                       | Rear           | 205     |
| Turning Circle                        | Kerb to Kerb   | 21,104  |
|                                       | Wall to Wall   | 22,816  |
| Approach Angle (°)                    |                | 15      |
| Departure Angle (°)                   |                | 12      |
| Cab Height (OAH) <sup>^</sup>         | Unladen height | 3,145   |
|                                       | Laden Height   | 3,075   |
| Cab Width (CW)                        |                | 2,240   |
| Front Suspension Height <sup>^</sup>  | Unladen        | 1,045   |
|                                       | Laden          | TBC     |
| Rear Suspension Height <sup>^</sup>   | Unladen        | 1,035   |
|                                       | Laden          | 1,025   |
| Rear Frame Height (RFH) <sup>^</sup>  |                | 1,015   |
| Chassis Width                         |                | 850     |
| Mass Rating                           | GVM            | 18,000  |
|                                       | GCM            | TBC     |
| Chassis mass front <sup>#</sup>       |                | 3,860   |
| Chassis mass rear <sup>#</sup>        |                | 1,900   |
| Chassis mass total <sup>#</sup>       |                | 5,760   |

<sup>^</sup>Measurement based on front axle tyres 295/80R22.5 and rear axle tyres 11R22.5

<sup>#</sup>Weights are to standard configuration and include cab chassis with no driver and 10L of fuel



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