



SITRAK



6x4 540 HP



SITRAK G7S

DRIVELINE

Power: 397 kw @ 1800 rpm
Torque: 2500 Nm @ 1000 rpm
Transmission: 12 Speed ZF Traxon
Diff Ratio: 3.08

CAPACITY

Wheelbase: 5,900 mm
GVM: 32,000 kg
GCM: 75,000 kg

SAFETY

Adaptive cruise control (ACC)
Advanced emergency braking (AEB)
Front Collision Warning (FCWS)
Lane departure warning (LDW)

SITRAK

SPECIFICATIONS G7S 6x4

ENGINE

540 hp Euro 6 German Technology MC13.54-61

Type: 6-cylinder 24 valve SOHC

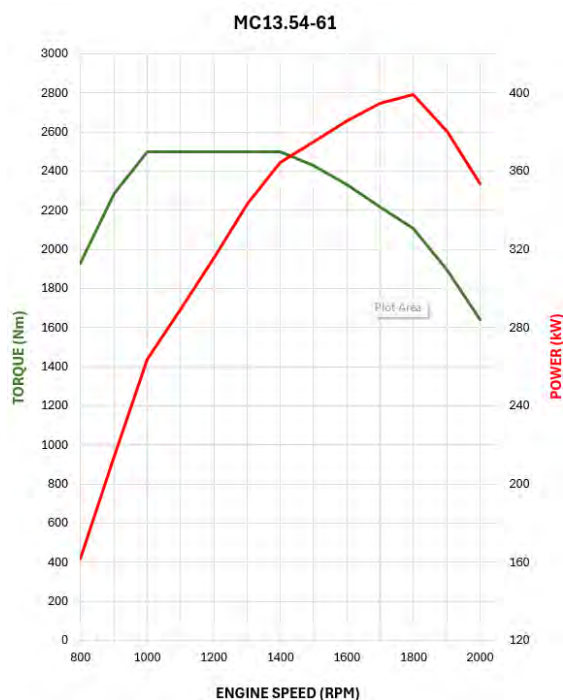
Total Displacement: 12.420 litre

Power Rating: 397 kw @ 1800 rpm

Maximum Torque: 2500 Nm @ 1000-1400 rpm

Emissions Technology: Selective Catalytic Reduction and Diesel Particulate Filter

Exhaust: Catalytic muffler with SCR catalyser and Diesel Particulate Filter



TRANSMISSION

12-speed ZF Traxon Automated Manual Transmission (AMT)

Model: 12TX2621TD

Type: 12 Speed AMT

Forward Ratio: 16.69, 12.92, 9.93, 7.69, 5.89, 4.57, 3.66, 2.83, 2.17, 1.68, 1.29, 1.00

Reverse Ratio: 15.54, 12.03

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

Power Take Off: ZF NH/4C (Optional)

CHASSIS

Type: Trapezium frame

Dimensions: 270 x 85 x 8 mm steel channel

Chassis Width: 940mm (front)
760mm (rear)

Front Underrun Protections (FUP)

STEERING

Type: Bosch HD steering gear with gear driven pump

Gear Ratio: 17.00~20.00:1

Wheel Lock Angle: Axle 1: 42.0° (inside), 29.0° (outside)

FRONT AXLE & SUSPENSION

Type: VPD71DS (Disc)

Capacity: 7.0 tonne

Suspension Type: Non-Independent 3 parabolic leaf springs with hydraulic shock absorbers fitted to both axles

REAR AXLE & SUSPENSION

Type: MCY13BES (Disc)

Capacity: 18.0 tonnes

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

Suspension Model: Sinotruk Air Ride

Type: 8 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/HSA

Park Brake: Spring Brake acting on axle 3 & 4

Auxiliary Braking: 2 stage air-controlled exhaust brake and 5 stage retarder

Front Diameter: 430 mm disc

Rear Diameter: 375 mm disc

FUEL CAPACITY

G7S 6x4: 600 litre rectangular aluminium tank (LHS)
90 litre AdBlue tank (LHS)

ELECTRICAL SYSTEM

Type: Double/Control Positive Pole

Voltage: 24 Volt

Batteries: 2 x 12V 240 Ah (1000CCA) Deep Cycle with isolator switch

Alternator: 28 Volt – 120 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 and rain sensing 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
- Translucent sun visor

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
- Courtesy and reading lights
- Dual zone drawer fridge/freezer
- Fully adjustable 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, centre console drawer and tray, dual cupholders, door pockets.
- Sleeper cab air conditioning
- USB and cigarette lighter power outlets

DRIVER CONTROL FEATURES

- Air horn switch
- Active cruise control/cruise control switch
- Combination switches controlling exhaust brake, manual gear selection, retarder, 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 with crawler gear selector

ADVANCED SAFETY FEATURES

- Adaptive Cruise Control (ACC)
- Automatic Emergency Braking (AEB)
- Blind Spot Camera (turn signal triggered)
- Front Collision Warning System (FCWS)
- Lane Departure Warning (LDW)

DIGITAL CLUSTER

- Active Cruise Control display with distance and speed readout
- 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
- 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

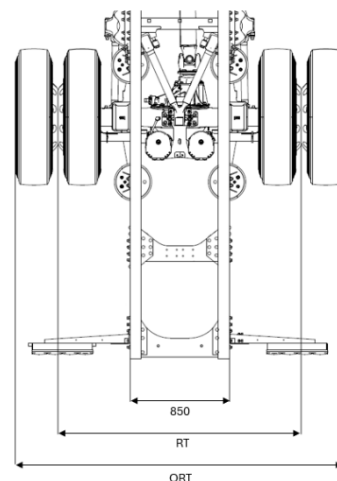
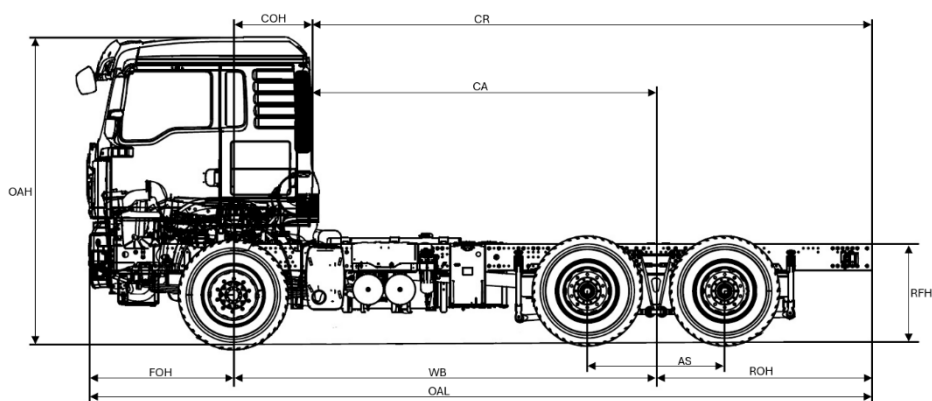
Measurements in mm/Weights in kg

Chassis Model		G7S 6x4
Overall length (OAL)		7,475
Nominal Body Length (CA+WBx0.6 -100)		5,975
Front Overhang (FOH)		1,475
Wheelbase (WB)		4,300
Bogie Axle Spread (AS)		1,400
Rear Overhang (ROH)		1,700
Cab Overhang (COH)		805
Cab to Axle (CA)		3,495
Cab to Rear (CR)		5,195
Front Track (FT)		2,045
Rear Track (RT)		1,817
Outer Rear Track (ORT)		2,449
Ground Clearance [^]	Front	290
	Rear	TBC
Turning Circle	Kerb to Kerb	16,420
	Wall to Wall	18,218
Approach Angle (°)		16
Departure Angle (°)		24
Cab Height (OAH) ^{^*}	Unladen height	3,471
	Laden Height	3,392
Cab Width (CW)		2,440
Front Suspension Height [^]	Unladen	1,158
	Laden	1,078
Rear Suspension Height [^]	Unladen	1,075
	Laden	1,040
Rear Frame Height (RFH) [^]		1,075
Chassis Width		850
Mass Rating	GVM	25,000
	GCM	75,000
Chassis mass front [#]		5,400
Chassis mass rear [#]		4,000
Chassis mass total [#]		9,400

[^]Measurement based on front axle tyres 295/80R22.5 and rear axle tyres 11R22.5

[#]Weights are to standard configuration and include cab chassis with no driver and 10L of fuel

*Cab Height does not include roof top parking air conditioner height



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