



SITRAK-G7S

6x4 PRIME MOVER



SPECIFICATIONS G7S 6x4 Euro 6 Prime Mover

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

MC13.54-61



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)

Retarder: ZF Intarder 3

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: 43.0° (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

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 2 & 3

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

Front Diameter: 430 mm disc

Rear Diameter: 375 mm disc

FUEL CAPACITY

G7S Low Roof: 700 litre rectangular aluminium tank (LHS)
240 litre rectangular aluminium tank (LHS)
90 litre AdBlue tank (RHS)

G7S High Roof: 700 litre rectangular aluminium tank (LHS)
240 litre rectangular aluminium tank (LHS)
90 litre AdBlue tank (RHS)

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
- Central locking and immobiliser
- 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
- Translucent sun visor

CAB INTERIOR FEATURES

- 12.2" Multimedia touchscreen Radio/Wi-Fi/Bluetooth and steering wheel controls
- 240V Power outlet (1000W max)
- 360° Birdseye view camera: front, rear and side facing including recording
- Air adjusted tilt and telescopic steering wheel
- Apple CarPlay
- Automatic climate control
- Courtesy and reading lights
- Dual zone drawer fridge/freezer (30L combined)
- Fully adjustable self-levelling air suspension driver's and passenger seat with headrest, armrest, heated and ventilated (driver only), 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
- 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)
- Hill Start Assist (HAS)
- 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

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

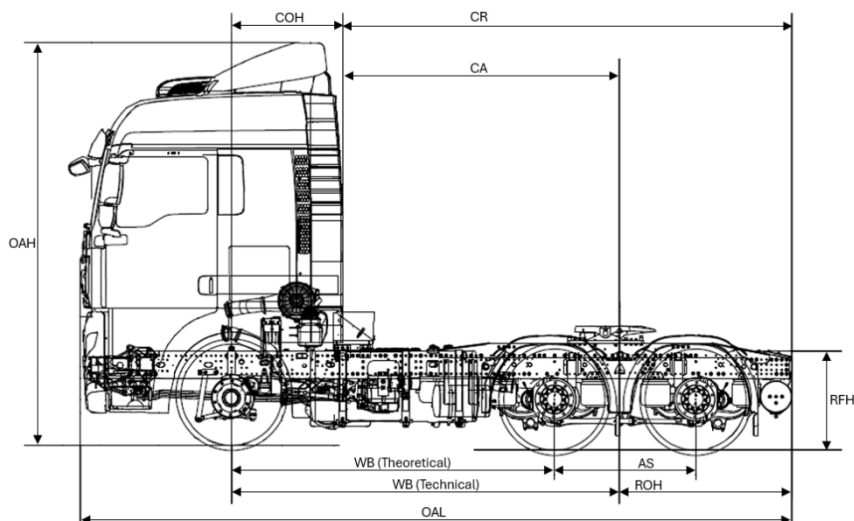
Measurements in mm/Weights in kg

Chassis Model		G7S Low Roof	G7S High Roof
Overall length (OAL)		7,042	
Front Overhang (FOH)		1,492	
Wheelbase (WB) Theoretical		3,200	
Wheelbase (WB) Technical		3,900	
Bogie Axle Spread (AS)		1,400	
Rear Overhang (ROH)		1,650	
Cab Overhang (COH)		1,100	
Cab to Axle (CA)		2,800	
Cab to Rear (CR)		4,450	
Front Track (FT)		2,045	
Rear Track (RT)		1,840	
Outer Rear Track (ORT)		2,472	
Ground Clearance [^]	Front	293	
	Rear	256	
Turning Circle	Kerb to Kerb	15,002	
	Wall to Wall	16,788	
Approach Angle (°)		19	
Departure Angle (°)		22	
Cab Height (OAH) ^{^*}	Unladen height	3,295	3,980
	Laden Height	3,220	3,910
Cab Width (CW)		2,440	
Front Suspension Height [^]	Unladen	1,035	
	Laden	965	
Rear Suspension Height [^]	Unladen	1,010	
	Laden	980	
Rear Frame Height (RFH) [^]		1,010	
Chassis Width		760	
Mass Rating	GVM	25,000	
	GCM	90,000	
Chassis mass front [#]		TBC	4,820
Chassis mass rear [#]		TBC	3,980
Chassis mass total [#]		TBC	8,800

[^]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



All efforts have been made to ensure the information contained in this brochure was correct at the time of printing or uploading. Rumble Auto Pty Ltd reserves the right to alter any specifications, features, or equipment details without prior notice. To the extent permitted by law, Rumble Auto Pty Ltd accepts no liability for any loss or damage arising from reliance on the information contained in this brochure. Please consult with Rumble Auto Pty Ltd at the time of ordering to confirm the availability of colours, specifications, equipment, design features, and options for your selected vehicle. Note that some options may only be available in combination with others. Up-to-date information on accessories, features, pricing, and availability is available upon request.