



SITRAK-G5S

8x4 Cab & Chassis

SITRAK

SPECIFICATIONS G5S 8x4

ENGINE

350 hp Euro 6 German Technology MC07H.35-61

Type: 6-cylinder 24 valve SOHC

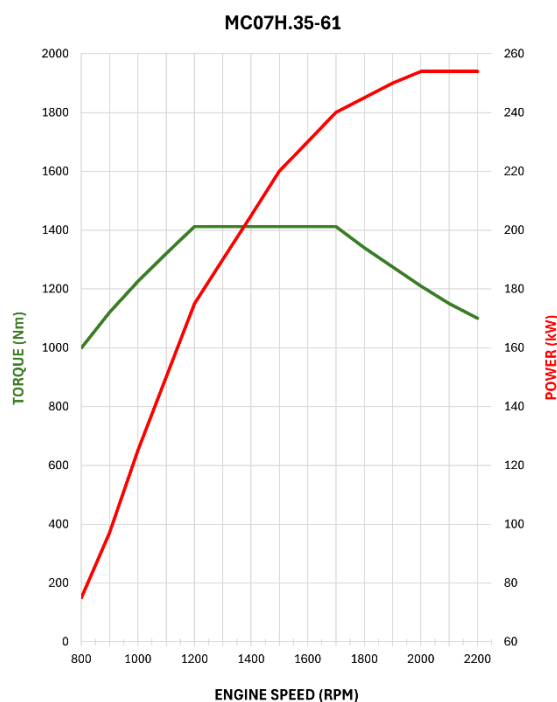
Total Displacement: 7.360 litre

Power Rating: 254 kw @ 2200 rpm

Maximum Torque: 1412 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: 4430P Series

Type: 6 Speed Automatic

Forward Ratio: 4.70, 2.21, 1.53, 1.00, 0.76, 0.67

Reverse Ratio: 5.55

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

Power Take Off: Parker Cheslea 871 Series (Optional)

CHASSIS

Type: Ladder frame

Dimensions: 280 x 80 x 8 mm steel channel

Chassis Width: 965mm (front) (LWB)
940mm (front) (AGITATOR & MWB)
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: Axle 1: 43.0° (inside), 33.0° (outside)
Axle 2: 33.0° (inside), 27.0° (outside)

FRONT AXLE & SUSPENSION

Type: VPD71DS (Disc)

Load Sharing: Front load share suspension

Capacity: 7.0/7.0 tonne

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

REAR AXLE & SUSPENSION

Type: MCY11BES (Disc)

Capacity: 18.0 tonnes

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

Suspension Model: Hendrickson Comfort Air (AGITATOR & MWB) and Sinotruk Air Ride (LWB)

Type: 4 bag (AGITATOR & MWB) and 8 bag (LWB) 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 & 4

Auxiliary Braking: Air controlled exhaust brake

Front Diameter: 430 mm disc

Rear Diameter: 375 mm disc

FUEL CAPACITY

8x4 AGITATOR: 220 litre rectangular aluminium tank (RHS)
45 litre AdBlue tank (LHS)

8x4 MWB: 200 litre rectangular aluminium tank (LHS)
45 litre AdBlue tank (LHS)

8x4 LWB: 400 litre rectangular aluminium tank (RHS)
45 litre AdBlue tank (RHS)

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
- 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 mechanical suspension and dampers (AGITATOR & MWB)
- Four-point cab mounting system with air bag suspension (LWB)
- Heated and electric exterior mirrors with independent convex "spotter" mirror
- Left turn audible alarm (AGITATOR)
- 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
- Automatic climate control
- Centre console fridge/freezer (optional)
- Courtesy and reading lights
- Fully adjustable ISRI self-levelling air suspension driver's 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
- 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

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

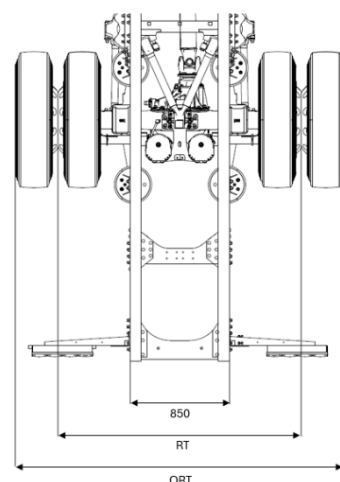
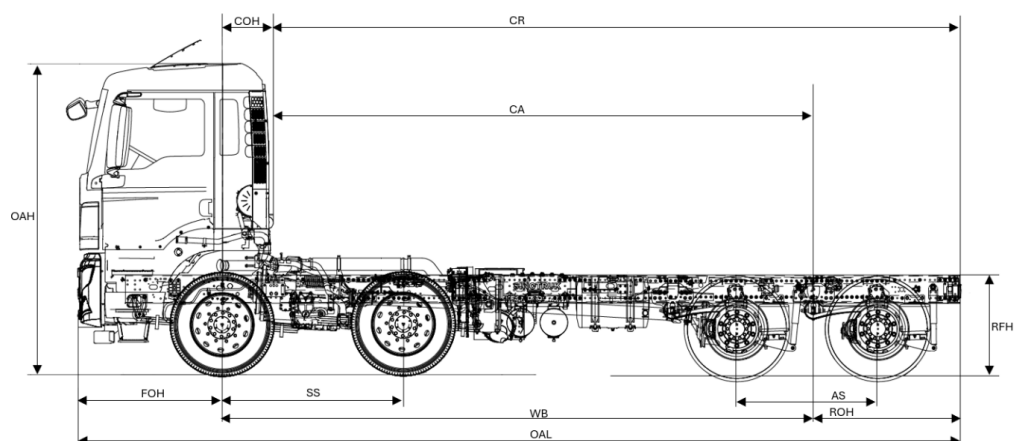
Measurements in mm/Weights in kg

Chassis Model		G5S 8x4 AGITATOR	G5S 8x4 MWB	G5S 8x4 LWB
Overall length (OAL)		8,230	8,775	11,550
Nominal Body Length (CA+WBx0.6 - 100)		7,595	8,675	9,940*
Front Overhang (FOH)		1,450		1,430
Wheelbase (WB)		5,125	5,800	6,800
Steer Spread (SS)		1,800	1,800	1,800
Bogie Axle Spread (AS)		1,400	1,400	1,400
Rear Overhang (ROH)		1,675	1,525	3,300
Cab Overhang (COH)		505		460
Cab to Axle (CA)		4,620	5,295	6,340
Cab to Rear (CR)		6,295	6,820	9,640
Front Track (FT)		2,035	2,065	2,035
Rear Track (RT)		1,850		
Outer Rear Track (ORT)		2,493		
Ground Clearance^	Front	305		285
	Rear	293		250
Turning Circle	Kerb to Kerb	18,488	20,448	23,356
	Wall to Wall	20,294	22,272	25,202
Approach Angle (°)		13	13	14
Departure Angle (°)		33	33	16
Cab Height (OAH)^	Unladen height	3,155		3,055
	Laden Height	3,075	3,085	2,985
Cab Width (CW)		2,240		
Front Suspension Height^	Unladen	1,058		1,048
	Laden	988		978
Rear Suspension Height^	Unladen	1,020		1,010
	Laden	1,000		990
Rear Frame Height (RFH)^		1,005		1,000
Chassis Width		850		
Mass Rating	GVM	31,000		
	GCM	TBC		
Chassis mass front#		5,480	5,480	5,550
Chassis mass rear#		2,670	2,810	4,350
Chassis mass total#		8,150	8,290	9,900

*Nominal body length calculated at maximum 3.7m rear overhang

^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



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