



SITRAK-G5S

8x4 Tipper Cab & Chassis

SITRAK-G5S 8x4 Tipper

Weight Parameters	Kerb Weight (kg)		8290	Transmission	Model		Allison 4430P
	Axle load (kg)	Front Axle	5482		Ratio (forward)		4.70,2.21,1.53,1.00,0.76,0.67
		Rear Axle	2808		Ratio (reverse)		5.55
	GVM(kg)		31000	Driving axle	Model		MCY11BES
Capability	Design Axle Load(kg)	Front Axle	13000(Total)		Main drive Ratio		Ratio 5.29
		Rear Axle	18000(Total)		Diff. lock		Interwheel & Interaxle diff lock
	Max speed (km/h)		100	Front axle	Model		VPD71DS
	Min. turning diameter (m)		22.5		Rim		Front 22.5×9.0 aluminium, Rear 22.5×8.25 aluminium
	Max gradeability (%)		≥25		Types		Front 295/80R22.5-18PR Rear 11R22.5-16PR
Dimensions	Max parking grade (%)		≥18	Tire	Model		A trapezoidal frame with a wide front and narrow rear
	fuel tank capacity (L)		220		Main beam cross-section (mm)		Slot Type 280×80×8
	Dimension	Long (mm)	8775		Side beam cross section (mm)		-
		Width (mm)	2489	Frame	Width of frame (mm)		Front 940 Rear 850
		Hight (mm)(Unload)	3155		Model		Non-independence suspension
Dimensions	Wheelbase (mm)		1800+3300+1400	Suspension	Front	Parabolic springs	3/3
	wheel track (mm)	Front	2065		Rear	air suspension	2+/-2+-
		Rear	1850		Model		Recirculating ball hydraulic power Steering wheel
	Approach angle (°)		13	Steering	Ratio		22.2 ~ 26.2:1
	Departure angle (°)		33		Max pressure of pump (kPa)		20000
	Front overhang (mm)		1450		Steering way		Steering wheel
	Rear overhang (mm)		825		Circuit type		dual
	height of fifth wheel ground clearance (mm) (unload)		-		Operating voltage (V)		24
	Front/Rear fitting radius(mm)		-		Generator power (kW)		3.08
Cabin	Model		G5S-M	Braking system	Batteries (V/Ah)		2×12/180
	Passenger capacity		2		Working pressure (kPa)		1250
	Turning radius (mm)		2410		Service Braking type		Dual circuit compressed air brake
Engine	Model		MC07H.35-61	Electrics	Brake power adjust type		EBS+ESC+HSA
	Displacement (L)		7.36		Parking brake type		Spring stored energy air cut brake
	Power rating kW/(r/min)		254/2200		other specification		AEBS+LDW
	Max torque Nm/(r/min)		1400/(1200~1600)				
Clutch	Model		/	other specification			
	Operation		/				

The above technical parameters are for reference only. Any changes will not be notified separately

