



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
Design Axle Load(kg)	Front Axle	13000(Total)		Main drive Ratio		Ratio	5.29	
	Rear Axle	18000(Total)		Diff. lock		Interwheel & Interaxle diff lock		
Capability	Max speed (km/h)		100	Front axle	Model		VPD71DS	
	Min. turning diameter (m)		22.5		Tire	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		
	Max parking grade (%)		≥18	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	
Dimensions	Dimension	Long (mm)	8775	Frame	Side beam cross section (mm)		-	
		Width (mm)	2489		Width of frame (mm)		Front 940 Rear 850	
		Height (mm)(Unload)	3155		Suspension		Model	
	Wheelbase (mm)		1800+3300+1400		Front	Parabolic springs	3/3	
	wheel track (mm)	Front	2065		Rear	air suspension	2+/-2+-	
		Rear	1850		Steering	Model		Recirculating ball hydraulic power Steering wheel
	Approach angle (°)		13			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			Working pressure (kPa)		1250
	Cabin	height of fifth wheel ground clearance (mm) (unload)		-	Braking system	Service Braking type		Dual circuit compressed air brake
Front/Rear fitting radius(mm)		-	Brake power adjust type			EBS+ESC+HSA		
Model		G5S-M		Parking brake type		Spring stored energy air cut brake		
Engine	Passenger capacity		2	Electrics	Circuit type		dual	
	Turing radius (mm)		2410		Operating voltage (V)		24	
	Model		MC07H.35-61		Generator power (kW)		3.08	
	Displacement (L)		7.36		Batteries (V/Ah)		2×12/180	
Clutch	Power rating kW/(r/min)		254/2200	other specification	AEBS+LDW			
	Max torque Nm/(r/min)		1400/(1200~1600)					
Model		/						
Operation		/						

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

