



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		Frame		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		Side beam cross section (mm)		-		
		Width (mm)		2489		Width of frame (mm)		Front 940 Rear 850		
		Height (mm)(Unload)		3155		Model		Non-independence suspension		
	wheel track (mm)	Front	2065		Suspension	Front	Parabolic springs	3/3		
		Rear	1850			Rear	air suspension	2+/-2+		
	Approach angle (°)		13		Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Departure angle (°)		33			Ratio		22.2 ~ 26.2:1		
	Front overhang (mm)		1450			Max pressure of pump (kPa)		20000		
	Rear overhang (mm)		825			Steering way		Steering wheel		
	height of fifth wheel ground clearance (mm) (unload)		-			Braking system	Working pressure (kPa)		1250	
	Front/Rear fitting radius(mm)		-				Service Braking type		Dual circuit compressed air brake	
	Cabin	Model		G5S-M		Brake power adjust type		EBS+ESC+HSA		
		Passenger capacity		2		Parking brake type		Spring stored energy air cut brake		
Turning radius (mm)		2410		Electrics	Circuit type		dual			
Engine	Model		MC07H.35-61		Operating voltage (V)		24			
	Displacement (L)		7.36		Generator power (kW)		3.08			
	Power rating kW/(r/min)		254/2200		Batteries (V/Ah)		2×12/180			
Clutch	Max torque Nm/(r/min)		1400/(1200~1600)		other specification	AEBS+LDW				
	Model		/							
Operation		/								

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

