



SITRAK-G5S

8x4 Cargo Cab & Chassis

SITRAK-G5S 8x4 Cargo

Weight Parameters	Kerb Weight (kg)		9900	Transmission	Model		Allison 4430	
	Axle load (kg)	Front Axle	5550		Ratio (forward)		4.70,2.21,1.53,1.00,0.76,0.67	
		Rear Axle	4350					
	GVM(kg)		31000	Driving axle	Ratio (reverse)		5.55	
	Design Axle Load(kg)	Front Axle	13000(Total)		Model		MCY11BES	
Rear Axle		18000(Total)	Main drive Ratio		Ratio	5.29		
Capability	Max speed (km/h)		100		Front axle	Diff. lock		interwheel & interaxle diff. lock
	Min. turning diameter (m)		28.5	Model		VPD71DS		
	Max gradeability (%)		≥30	Tire	Rim		Front 22.5×9.0 aluminium , Rear 22.5×8.25 aluminium	
	Max parking grade (%)		≥20		Types		Front 295/80R22.5-18PR Rear 11R22.5-16PR	
	fuel tank capacity (L)		400					
Dimensions	Dimension	Long (mm)	11530	Frame	Model		A trapezoidal frame with a wide front and narrow rear	
		Width (mm)	2490		Main beam cross-section (mm)		Slot Type 280×80×8	
		Hight (mm)(Unload)	3055		Side beam cross section (mm)		-	
	Wheelbase (mm)		1800+4300+1400		Width of frame (mm)		Front 965 Rear 850	
	wheel track (mm)	Front	2065	Suspension	Model		Non-independence suspension	
		Rear	1870		Front	Parabolic springs	3	
	Approach angle (°)		14		Rear	air suspension	8 air bag	
	Departure angle (°)		16	Steering	Model		Recirculating ball hydraulic power Steering wheel	
	Front overhang (mm)		1430		Ratio		22.2 ~ 26.2:1	
	Rear overhang (mm)		2600		Max pressure of pump (kPa)		20000	
	height of fifth wheel ground clearance (mm) (unload)		-		Steering way		Steering wheel	
	Front/Rear fitting radius(mm)		-					
	Cabin	Model		G5S-M	Braking system	Working pressure (kPa)		1250
Passenger capacity		2	Service Braking type			Dual circuit compressed air brake		
Turning radius (mm)		2410	Brake power adjust type			EBS+ESC+HSA		
			Parking brake type			Spring stored energy air cut brake		
Engine	Model		MC07H.35-61	Electrics	Circuit type		dual	
	Displacement (L)		7.36		Operating voltage (V)		24	
	Power rating kW/(r/min)		254/2200		Generator power (kW)		3	
	Max torque Nm/(r/min)		1412/1200-1700		Batteries (V/Ah)		2×12/180	
Clutch	Model		AT Transmission, no clutch	other specification	AEBS+LDW			
	Operation		/					

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

