



SITRAK-G5S

10x4 Tipper Cab & Chassis

SITRAK-G5S 10x4 TIPPER CAB

Weight Parameters	Kerb weight (kg)		9150	Transmission	Model		Allison 4430P		
	Axle load （kg）	Front Axle	5100		Ratio (forward)		4.70,2.21,1.53,1.00,0.76,0.67		
		Rear Bogie	4050						
	GVM(kg)		31000		Ratio (reverse)		5.55		
	Design Axle Load (kg)	Front Axle	5500/5500	Driving axle	Model		MCY11BES		
Rear Bogie		7000/7000/7000	Main drive Ratio		Ratio	5.29			
Capability	Max speed (km/h)		100		Diff. lock		Have diff. lock		
	Min. turning diameter (m)		25/24	Front axle	Model		VPD71DS		
	Max gradeability (%)		≥25	Tire	Rim		Front 22.5×9.0 aluminium , Rear 22.5×8.25 aluminium		
	Max parking grade (%)		≥18		Types		Front 295/80R22.5-18PR Rear 11R22.5-16PR		
	Fuel tank capacity (L)		220						
Dimensions	Dimension	Long (mm)	9650	Frame	Model		Trapezoidal frame		
		Width (mm)	2489		Main beam cross-section (mm)		Groove shape 280×80×8		
		Hight (mm)(Unload)	3155		Side beam cross section (mm)		-		
	Wheelbase (mm)		1800+2625+1400+1400		Width of frame (mm)		Front 940 Rear 850		
	Wheel track (mm)	Front	2065	Suspension	Model		Non-independence suspension		
		Rear	1850		Front	Parabolic springs	3/3		
	Approach angle (°)		13			Rear	Air suspension	2+/-2+/-	
	Departure angle (°)		41	Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Front overhang (mm)		1450		Ratio		22.2 ~ 26.2:1		
	Rear overhang (mm)		975		Max pressure of pump (kPa)		20000		
	Height of fifth wheel ground clearance (mm)（unload）		-		Steering way		Steering wheel		
	Front/Rear fitting radius(mm)		-	Braking system	Working pressure (kPa)		1250		
	Cabin	Model			G5S-M	Service Braking type		Dual circuit compressed air brake	
		Passenger capacity			2	Brake power adjust type		EBS+ESC+HSA	
		Turning radius (mm)			2410	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)		3.08		
	Max torque Nm/(r/min)		1412/(1200~1700)		Batteries (V/Ah)		2×12/180		
Clutch	Model		/	Other specification	Hendrickson Rear Lift Suspension				
	Operation		/						

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

