



SITRAK-G5S

6x4 Tipper Cab & Chassis

SITRAK-G5S 6x4 Tipper

Weight Parameters	Kerb Weight (kg)		7250	Transmission	Model		Allison 3200P		
	Axle load （kg）	Front Axle	4150		Ratio (forward)		3.49, 1.86, 1.41, 1.00, 0.75, 0.65		
		Rear Axle	3100						
	GVM(kg)		24000		Ratio (reverse)		5.03		
	Design Axle Load(kg)	Front Axle	7000 (Total)		Model	MCY11BES			
Rear Axle		18000 (Total)	Driving axle	Main drive Ratio	Ratio	5.29			
Capability	Max speed (km/h)		100		Diff. lock		Interwheel & Interaxle diff lock		
	Min. turning diameter (m)		18	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						
	fuel tank capacity (L)		300		Types		Front 295/80R22.5-18PR Rear 11R22.5-16PR		
Dimensions	Dimension	Long (mm)	7450	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
		Width (mm)tt	2488						
		Hight (mm)(Unload)	3155		Main beam cross-section (mm)		Slot Type 280×80×8		
	Wheelbase (mm)		3600+1400		Side beam cross section (mm)		-		
	wheel track (mm)	Front	2065	Suspension	Width of frame (mm)		Front 940 Rear 850		
		Rear	1850						
	Approach angle (°)		13		Suspension	Model		Non-independence suspension	
	Departure angle (°)		33	Front		Parabolic springs	3		
				Rear		air suspension	2+/-2+/-		
		Front overhang (mm)		1450	Steering	Model		Recirculating ball hydraulic power Steering wheel	
		Rear overhang (mm)		1000		Ratio		22.2 ~ 26.2:1	
		height of fifth wheel ground clearance (mm)（unload）		-		Max pressure of pump (kPa)		20000	
Front/Rear fitting radius(mm)		-	Steering way			Steering wheel			
Cabin		Model		G5S-M	Braking system	Working pressure (kPa)		1250	
	Passenger capacity		2	Service Braking type		Dual circuit compressed air brake			
	Turing radius (mm)		2410	Brake power adjust type		EBS+ESC+HSA			
Engine	Model		MC07H.31-61	Electrics	Parking brake type		Spring stored energy air cut brake		
	Displacement (L)		7.36		Circuit type		dual		
	Power rating kW/(r/min)		225/2200		Operating voltage (V)		24		
	Max torque Nm/(r/min)		1250/1200-1700		Generator power (kW)		3.08		
Clutch	Model		/	other specification	Batteries (V/Ah)		2×12/180		
	Operation		/		AEBS+LDW				

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

