



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		Ratio (reverse)		5.03		
	GVM(kg)		24000		Driving axle	Model		MCY11BES	
Design Axle Load(kg)	Front Axle	7000 (Total)		Main drive Ratio		Ratio	5.29		
	Rear Axle	18000 (Total)		Front axle	Diff. lock		Interwheel & Interaxle diff lock		
Capability	Max speed (km/h)		100		Model		VPD71DS		
	Min. turning diameter (m)		18		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						
fuel tank capacity (L)		300							
Dimensions	Dimension	Long (mm)	7450	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
		Width (mm)tt	2488		Main beam cross-section (mm)		Slot Type 280×80×8		
		Hight (mm)(Unload)	3155		Side beam cross section (mm)		-		
	Wheelbase (mm)		3600+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	
	Approach angle (°)		13			Rear	air suspension	2+/-2+-	
	Departure angle (°)		33		Steering	Model		Recirculating ball hydraulic power Steering wheel	
	Front overhang (mm)		1450			Ratio		22.2 ~ 26.2:1	
	Rear overhang (mm)		1000			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		
	Turing radius (mm)		2410		Parking brake type		Spring stored energy air cut brake		
Engine	Model		MC07H.31-61		Electrics	Circuit type		dual	
	Displacement (L)		7.36			Operating voltage (V)		24	
	Power rating kW/(r/min)		225/2200			Generator power (kW)		3.08	
	Max torque Nm/(r/min)		1250/1200-1700			Batteries (V/Ah)		2×12/180	
Clutch	Model		/		other specification	AEBS+LDW			
	Operation		/						

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

