



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)						
Capability	Max speed (km/h)		100	Front axle	Diff. lock		Interwheel & Interaxle diff lock	
	Min. turning diameter (m)		18		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)		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	
		High (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)		-					
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	
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

