



SITRAK-G7S

6x4 Tipper Cab & Chassis

SITRAK-G7S 6x4 Tipper

Weight Parameters	Kerb Weight (kg)		9400	Transmission	Model		ZF 12TX2621TD		
	Axle load (kg)	Front Axle	5400		Ratio (forward)	16.688, 12.924, 9.926, 7.688, 5.895, 4.565, 3.655, 2.831, 2.174, 1.684, 1.291, 1.000			
		Rear Axle	4000			Ratio (reverse)			15.537, 12.033
	GVM(kg)		25000	Driving axle	Model		MCY13BES		
	Design Axle Load(kg)	Front Axle	7000		Main drive Ratio	Ratio	3.08		
		Rear Axle	18000			Diff. lock			Interwheel & Interaxle diff lock
Capability	Max speed (km/h)		100		Front axle	Model		VPD71DS	
	Min. turning diameter (m)		17.8	Tire	Rim		Front 22.5×9.0 aluminium alloy, Rear 22.5×8.25 aluminium alloy		
	Max gradeability (%)		25		Types		Front 295/80R22.5-18PR Rear 11R22.5-16PR		
	Max parking grade (%)		18						
	fuel tank capacity (L)		600						
Dimensions	Dimension	Long (mm)	7492	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
		Width (mm)	2492		Main beam cross-section (mm)		Slot Type 300×80×8		
		Hight (mm)(Unload)	3471		Side beam cross section (mm)		-		
		Wheelbase (mm)			3600+1400	Width of frame (mm)		Front 940 Rear 850	
	wheel track (mm)	Front	2045	Suspension	Model		Non-independence suspension		
		Rear	1872		Front	Parabolic springs	3		
	Approach angle (°)		16		Rear	air suspension	8 air bag		
	Departure angle (°)		24	Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Front overhang (mm)		1492		Ratio		17 ~ 20:1		
	Rear overhang (mm)		1000		Max pressure of pump (kPa)		18300		
	height of fifth wheel ground clearance (mm) (unload)		-		Steering way		Steering wheel		
	Front/Rear fitting radius(mm)		-						
	Cabin	Model		G7S-P	Braking system	Working pressure (kPa)		1250	
		Passenger capacity		2		Service Braking type		Dual circuit compressed air brake	
		Turning radius (mm)		2807		Brake power adjust type		EBS+ESC+HSA	
Engine	Model		MC13.54-61 TD	Electrics		Parking brake type		Spring stored energy air cut brake	
	Displacement (L)		12.419		Circuit type		dual		
	Power rating kW/(r/min)		400/1800		Operating voltage (V)		24		
	Max torque Nm/(r/min)		2500/1000-1400		Generator power (kW)		3		
Clutch	Model		430 Push-Type Diaphragm Spring Clutch		other specification	Batteries (V/Ah)		2×12/240	
	Operation		Electronically Controlled Pneumatic Power Assist Operation	ACC+AEBS+LDW					

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

