



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	Model		A trapezoidal frame with a wide front and narrow rear			
	fuel tank capacity (L)		600	Main beam cross-section (mm)		Slot Type 300×80×8			
Dimensions	Dimension	Long (mm)	7492	Frame	Side beam cross section (mm)		-		
		Width (mm)	2492		Width of frame (mm)		Front 940 Rear 850		
		Hight (mm)(Unload)	3471		Suspension	Model		Non-independence suspension	
	Wheelbase (mm)		3600+1400	Front		Parabolic springs	3		
	wheel track (mm)	Front	2045	Rear		air suspension	8 air bag		
		Rear	1872	Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Approach angle (°)		16		Ratio		17 ~ 20:1		
	Departure angle (°)		24		Max pressure of pump (kPa)		18300		
	Front overhang (mm)		1492		Steering way		Steering wheel		
	Rear overhang (mm)		1000		Cabin	Working pressure (kPa)		1250	
	height of fifth wheel ground clearance (mm) (unload)		-	Braking system		Service Braking type		Dual circuit compressed air brake	
	Front/Rear fitting radius(mm)		-			Brake power adjust type		EBS+ESC+HSA	
	Model		G7S-P		Parking brake type		Spring stored energy air cut brake		
Engine	Passenger capacity		2	Electrics	Circuit type		dual		
	Turing radius (mm)		2807		Operating voltage (V)		24		
	Model		MC13.54-61 TD		Generator power (kW)		3		
	Displacement (L)		12.419		Batteries (V/Ah)		2×12/240		
Clutch	Power rating kW/(r/min)		400/1800	other specification	ACC+AEBS+LDW				
	Max torque Nm/(r/min)		2500/1000-1400		Model		430 Push-Type Diaphragm Spring Clutch		
Operation		Electronically Controlled Pneumatic Power Assist Operation							

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

