



SITRAK-G7S

8x4 Tipper Cab & Chassis

SITRAK-G7S 8x4 Tipper

Weight Parameters	Kerb Weight (kg)		10400	Transmission	Model		ZF 12TX2621TD		
	Axle load (kg)	Front Axle	6400		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 Bogie	4000						
	GVM(kg)		31000		Ratio (reverse)		15.537, 12.033		
	Design Axle Load(kg)	Front Axle	13000 (Total)	Driving axle	Model		MCY13BES		
Rear Axle		18000 (Total)	Main drive Ratio		Ratio	3.08			
Capability	Max speed (km/h)		100			Diff. lock		interwheel & interaxle diff. lock	
	Min. turning diameter (m)		22.6	Front axle	Model		VPD71DS, Optional VPD75ES		
	Max gradeability (%)		≥25	Tire	Rim	Front 22.5×9.0 aluminium alloy, Rear 22.5×8.25 aluminium alloy			
	Max parking grade (%)		≥18						
	fuel tank capacity (L)		600		Types		Front 290/80R22.5-18PR Rear 11R22.5-16PR		
Dimensions	Dimension	Long (mm)	9092	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
		Width (mm)	2492						
		Hight (mm) (Unload)	3471		Main beam cross-section (mm)		Slot Type 300×80×8		
	Wheelbase (mm)		1800+3400+1400		Side beam cross section (mm)		-		
	wheel track (mm)	Front	2045		Width of frame (mm)		Front 940 Rear 850		
		Rear	1872						
	Suspension	Approach angle (°)		16	Suspension	Model		Non-independence suspension	
		Departure angle (°)		24		Front	Parabolic springs	3/3	
						Rear	air suspension	-/-	
		Front overhang (mm)		1492	Steering	Model		Recirculating ball hydraulic power Steering wheel	
	Rear overhang (mm)		1000	Ratio		17 ~ 20:1			
	height of fifth wheel ground clearance (mm) (unload)		-	Max pressure of pump (kPa)		18300			
	Front/Rear fitting radius(mm)		-	Steering way		Steering wheel			
	Cabin	Model		G7S-P	Braking system	Working pressure (kPa)		1250	
Passenger capacity		2	Service Braking type			Dual circuit compressed air brake			
Turing radius (mm)		2807	Brake power adjust type			EBS+ESC+HSA			
Engine	Model		MC13.54-61 TD			Parking brake type		Spring stored energy air cut brake	
	Displacement (L)		12.419	Electrics	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

