



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			Ratio (reverse)	15.537, 12.033	
	GVM(kg)		31000	Driving axle	Model		MCY13BES	
	Design Axle Load(kg)	Front Axle	13000 (Total)		Main drive Ratio	Ratio	3.08	
Rear Axle		18000 (Total)	Diff. lock			interwheel & interaxle diff. lock		
Capability	Max speed (km/h)		100	Front axle	Model		VPD71DS, Optional VPD75ES	
	Min. turning diameter (m)		22.6		Tire	Rim		Front 22.5×9.0 aluminium alloy, Rear 22.5×8.25 aluminium alloy
	Max gradeability (%)		≥25	Types		Front 290/80R22.5-18PR 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)	9092	Frame	Side beam cross section (mm)		-	
		Width (mm)	2492		Width of frame (mm)		Front 940 Rear 850	
		Hight (mm) (Unload)	3471		Model		Non-independence suspension	
	Wheelbase (mm)		1800+3400+1400	Suspension	Front	Parabolic springs	3/3	
	wheel track (mm)	Front	2045		Rear	air suspension	-/-	
		Rear	1872		Model		Recirculating ball hydraulic power Steering wheel	
	Approach angle (°)		16	Steering	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		Working pressure (kPa)		1250	
	height of fifth wheel ground clearance (mm) (unload)		-		Service Braking type		Dual circuit compressed air brake	
	Front/Rear fitting radius(mm)		-	Cabin	Brake power adjust type		EBS+ESC+HSA	
	Model		G7S-P		Parking brake type		Spring stored energy air cut brake	
Passenger capacity		2	Engine		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		
Power rating kW/(r/min)		400/1800	Clutch	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

