



# 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			Braking system	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)		-		Brake power adjust type		EBS+ESC+HSA			
Cabin	Model		G7S-P		Parking brake type		Spring stored energy air cut brake			
	Passenger capacity		2		Electrics	Circuit type		dual		
	Turning radius (mm)		2807			Operating voltage (V)		24		
Engine	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		other specification	ACC+AEBS+LDW				
	Max torque Nm/(r/min)		2500/1000-1400							
Clutch	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

