SITRAK



SITRAK-G7S

8x4 Tipper Cab & Chassis

SITRAK-G7S 8x4 Tipper

Weight Parameters	Kerb Weight (kg)		10400	Transmis-sion	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	Model		Non-independence suspension
	Approach angle (°)		16		Front	Parabolic springs	3/3
	Departure angle (°)		24		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		Batteries (V/Ah)		2×12/240
	Operation		Electronically Controlled Pneumatic Power Assist Operation	other specification	ACC+AEBS+LDW		

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



