SITRAK



SITRAK-G7S

6x4 Tipper Cab & Chassis

SITRAK-G7S 6x4 Tipper

Weight Parameters	Kerb Weight (kg)		9400	Transmis-sion	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			
	GVM(kg)		25000		Ratio (reverse)	15.537，12.033
	Design Axle Load(kg)	Front Axle	7000	Driving axle	Model	MCY13BES
		Rear Axle	18000		Main drive Ratio	Ratio 3.08
Capability	Max speed (km/h)		100		Diff. lock	Interwheel & Interaxle diff lock
	Min. turning diameter (m)		17.8	Front axle	Model	VPD71DS
	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 295/80R22.5-18PR Rear 11R22.5-16PR
Dimensions	Dimension	Long (mm)	7492	Frame	Model	A trapezoidal frame with a wide front and narrow rear
		Width (mm)	2492		Main beam cross-section (mm)	Slot Type 300×80×8
		Hight (mm)(Unload)	3471		Side beam cross section (mm)	-
	Wheelbase (mm)		3600+1400		Width of frame (mm)	Front 940 Rear 850
	wheel track (mm)	Front	2045	Suspension	Model	Non-independence suspension
		Rear	1872		Front Parabolic springs	3
	Approach angle (°)		16		Rear air suspension	8 air bag
	Departure angle (°)		24	Steering	Model	Recirculating ball hydraulic power Steering wheel
	Front overhang (mm)		1492			
	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



