



SITRAK-G7S E-Cab

6x4 PRIME MOVER

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(E-Cab)

Weight Parameters	Kerb Weight (kg)		8800	Transmission	Model		ZF 12TX2621TD		
	Axle load (kg)	Front Axle	4820		Ratio (forward)	16.688,12.924,9.926,7.688,5.895,4.656,3.655,2.831,2.174,1.684,1.291,1.00			
		Rear Axle	3980			Ratio (reverse)			15.537,12.033
	GVM(kg)		25000	Driving axle	Model		MCY13BES		
	GCM(kg)		90000		Main drive Ratio		Ratio	3.08/3.36/3.7	
	Design Axle Load(kg)	Front Axle	7000		Diff. lock		interwheel & interaxle diff. lock		
Rear Axle		18000							
Capability	Max speed (km/h)		100	Front axle	Model		VPD71DS		
	Min. turning diameter (m)		15.5	Tire	Rim		Front 22.5×9.0 aluminium allo Rear 22.5×8.25 aluminium alloy		
	Max gradeability (%)		≥30		Types		Front 295/80R22.5 Rear 11R22.5		
	Max parking grade (%)		≥20						
	fuel tank capacity (L)		700+240	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
Dimension	Long (mm)	7042	Main beam cross-section (mm)		Slot Type 270×85×8				
	Width (mm)	2500	Side beam cross section (mm)		-				
	Hight (mm)(Unload)	3980	Width of frame (mm)		Front 942 Rear 762				
Wheelbase (mm)		3200+1400	Suspension		Model		Non-independence suspension		
wheel track (mm)	Front	2041		Front	Parabolic springs	3			
	Rear	1842		Rear	air suspension	8 air springs			
Approach angle (°)	19		Steering	Model		Recirculating ball hydraulic power Steering wheel			
	Departure angle (°)			Ratio		17 ~ 20:1			
	Front overhang (mm)			Max pressure of pump (kPa)		20000			
	Rear overhang (mm)			Steering way		Steering wheel			
	height of fifth wheel ground clear- ance (mm) (unload)		1250						
	Front/Rear fitting radius(mm)		2280/1961						
	Cabin	Model		G7S-E	Braking system	Working pressure (kPa)		1250	
Passenger capacity		2	Service Braking type			Dual circuit compressed air brake			
Turning radius (mm)		3040	Brake power adjust type			EBS+ESC+HSA			
Engine	Model		MC13.54-61	Electrics	Parking brake type		Spring stored energy air cut brake		
	Displacement (L)		12.42		Circuit type		dual		
	Power rating kW/(r/min)		400/1800		Operating voltage (V)		24		
	Max torque Nm/(r/min)		2500/950-1400		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		NH/4c PTO (matched with ZF Traxon transmission/gear ratio0.78/430Nm/direct drive) ACC+AEBS+LDW				

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

