



# 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						
Dimensions	Dimension	Long (mm)	7042	Frame	Model		A trapezoidal frame with a wide front and narrow rear		
		Width (mm)	2500		Main beam cross-section (mm)		Slot Type 270×85×8		
		Hight (mm)( Unload)	3980		Side beam cross section (mm)		-		
	Wheelbase (mm)		3200+1400		Width of frame (mm)		Front 942 Rear 762		
	wheel track (mm)	Front	2041	Suspension	Model		Non-independence suspension		
		Rear	1842		Front	Parabolic springs	3		
	Approach angle (°)		19		Rear	air suspension	8 air springs		
	Departure angle (°)		22	Steering	Model		Recirculating ball hydraulic power Steering wheel		
	Front overhang (mm)		1492		Ratio		17 ~ 20:1		
	Rear overhang (mm)		950		Max pressure of pump (kPa)		20000		
	height of fifth wheel ground clearance (mm) ( unload )		1250		Steering way		Steering wheel		
	Front/Rear fitting radius(mm)		2280/1961		Working pressure (kPa)		1250		
					Service Braking type		Dual circuit compressed air brake		
			Brake power adjust type		EBS+ESC+HSA				
Cabin	Model		G7S-E	Braking system	Parking brake type		Spring stored energy air cut brake		
	Passenger capacity		2		Circuit type		dual		
	Turning radius (mm)		3040		Operating voltage (V)		24		
Engine	Model		MC13.54-61	Electrics	Generator power (kW)		3		
	Displacement (L)		12.42		Batteries (V/Ah)		2×12/240		
	Power rating kW/(r/min)		400/1800		other specification		NH/4c PTO ( matched with ZF Traxon transmission/gear ratio0.78/430Nm/direct drive ) ACC+AEBS+LDW		
	Max torque Nm/(r/min)		2500/950-1400						
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

