



SITRAK-G7S P-Cab

6x4 PRIME MOVER

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(P-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)		
	GVM(kg)		25000	Driving axle	Model		MCY13BES	
	Design Axle Load(kg)	Front Axle	7000		Main drive Ratio		Ratio	3.08/3.36/3.7
		Rear Axle	18000		Diff. lock		interwheel & interaxle diff. lock	
Capability	Max speed (km/h)		100	Front axle	Model		VPD71DS	
	Min. turning diameter (m)		14	Tire	Rim		Front 22.5×9.0 aluminium allo Rear 22.5×8.25 aluminium alloy	
	Max gradeability (%)		≥34		Types		Front 295/80R22.5 Rear 11R22.5	
	Max parking grade (%)		≥20		fuel tank capacity (L)		700+240	
	Dimensions	Dimension	Long (mm)	7025	Frame	Model		A trapezoidal frame with a wide front and narrow rear
Width (mm)			2490	Main beam cross-section (mm)		Slot Type 270×85×8		
Hight (mm)(Unload)			3317	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)		1475		Ratio		17 ~ 20:1		
Rear overhang (mm)		950		Max pressure of pump (kPa)		20000		
height of fifth wheel ground clearance (mm)(unload)		1260		Steering way		Steering wheel		
Front/Rear fitting radius(mm)		2280/1961		Working presssure (kPa)		1250		
Cabin		Model		G7S-P	Braking system	Service Braking type		Dual circuit compressed air brake
	Passenger capacity		2	Brake power adjust type		EBS+ESC+HSA		
	Turing radius (mm)		2807	Parking brake type		Spring stored energy air cut brake		
Engine	Model		MC13.54-61	Electrics		Circuit type		dual
	Displacement (L)		12.42		Operating voltage (V)		24	
	Power rating kW/(r/min)		400/1800		Generator power (kW)		3	
	Max torque Nm/(r/min)		2500/950-1400		Batteries (V/Ah)		2×12/240	
Clutch	Model		430 Push-Type Diaphragm Spring Clutch		other specification	NH/4c PTO (matched with ZF Traxon transmission/gear ratio0.78/430Nm/direct drive) ACC+AEBS+LDW		
	Operation		Electronically Controlled Pneumatic Power Assist Operation					

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

