SITRAK



SITRAK-G7S

6x4 PRIME MOVER

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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				
	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	3.08/3.36/3.7
Capability	Max speed (km/h)		100		Diff. lock		interwheel & interaxle diff. lock
	Min. turning diameter (m)		15.5	Front axle	Model		VPD71DS
	Max gradeability (%)		≥30	Tire	Rim		Front 22.5×9.0 aluminium alloy，Rear 22.5×8.25 aluminium alloy
	Max parking grade (%)		≥20				
	fuel tank capacity (L)		700+240		Types		Front 295/80R22.5 Rear 11R22.5
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				
	Rear overhang (mm)		950		Ratio		17 ～ 20:1
	height of fifth wheel ground clearance (mm)（unload）		1250		Max pressure of pump (kPa)		20000
	Front/Rear fitting radius(mm)		2280/1961		Steering way		Steering wheel
Cabin	Model		G7S-E	Braking system	Working pressure (kPa)		1250
	Passenger capacity		2		Service Braking type		Dual circuit compressed air brake
	Turing radius (mm)		3040		Brake power adjust type		EBS+ESC+HSA
Engine	Model		MC13.54-61		Parking brake type		Spring stored energy air cut brake
	Displacement (L)		12.42	Electrics	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		Batteries (V/Ah)		2×12/240
	Operation		Electronically Controlled Pneumatic Power Assist Operation	other specification	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



